
Appendix B-1

Air Quality and Greenhouse Gas Emission Estimates

MIP_Onsite&Offsite_PDFs Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

| Data Field | Value |
|-----------------------------|---|
| Project Name | MIP_Onsite&Offsite_PDFs |
| Construction Start Date | 10/1/2024 |
| Operational Year | 2026 |
| Lead Agency | — |
| Land Use Scale | Project/site |
| Analysis Level for Defaults | County |
| Windspeed (m/s) | 2.80 |
| Precipitation (days) | 1.40 |
| Location | Mojave Dr & Onyx Rd, Victorville, CA 92394, USA |
| County | San Bernardino-Mojave Desert |
| City | Victorville |
| Air District | Mojave Desert AQMD |
| Air Basin | Mojave Desert |
| TAZ | 5102 |
| EDFZ | 10 |
| Electric Utility | Southern California Edison |
| Gas Utility | Southwest Gas Corp. |
| App Version | 2022.1.1.20 |

1.2. Land Use Types

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

| | | | | | | | | |
|----------------------------------|-------|----------|------|---------|---------|---|---|--------------------|
| Unrefrigerated Warehouse-No Rail | 139 | 1000sqft | 3.19 | 138,765 | 490,000 | — | — | Passenger Vehicles |
| Unrefrigerated Warehouse-No Rail | 52.6 | 1000sqft | 1.21 | 52,635 | — | — | — | Trucks |
| Unrefrigerated Warehouse-Rail | 417 | 1000sqft | 9.57 | 416,962 | — | — | — | Passenger Vehicles |
| Unrefrigerated Warehouse-Rail | 337 | 1000sqft | 7.74 | 337,038 | — | — | — | Trucks |
| General Heavy Industry | 319 | 1000sqft | 7.33 | 319,116 | — | — | — | Passenger Vehicles |
| General Heavy Industry | 86.9 | 1000sqft | 1.99 | 86,884 | — | — | — | Trucks |
| Parking Lot | 1,327 | Space | 11.9 | 0.00 | — | — | — | — |
| Other Asphalt Surfaces | 1,003 | 1000sqft | 23.0 | 0.00 | — | — | — | — |

1.3. User-Selected Emission Reduction Measures by Emissions Sector

| Sector | # | Measure Title |
|--------------|---------|--|
| Construction | C-5 | Use Advanced Engine Tiers |
| Construction | C-13 | Use Low-VOC Paints for Construction |
| Energy | E-10-B | Establish Onsite Renewable Energy Systems: Solar Power |
| Water | W-7 | Adopt a Water Conservation Strategy |
| Waste | S-1/S-2 | Implement Waste Reduction Plan |
| Area Sources | AS-2 | Use Low-VOC Paints |

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

| Un/Mit. | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|------|--------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 10.4 | 56.2 | 71.1 | 115 | 0.24 | 2.60 | 11.0 | 13.3 | 2.40 | 2.78 | 4.84 | — | 34,859 | 34,859 | 0.74 | 2.69 | 72.6 | 35,750 |
| Mit. | 7.64 | 26.3 | 45.7 | 119 | 0.24 | 1.09 | 11.0 | 12.1 | 1.03 | 2.78 | 3.81 | — | 34,859 | 34,859 | 0.74 | 2.69 | 72.6 | 35,750 |
| % Reduced | 26% | 53% | 36% | -3% | — | 58% | — | 9% | 57% | — | 21% | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 11.2 | 49.7 | 97.1 | 105 | 0.25 | 3.54 | 11.0 | 13.6 | 3.28 | 2.86 | 6.15 | — | 34,522 | 34,522 | 0.78 | 2.70 | 1.95 | 35,347 |
| Mit. | 7.74 | 22.9 | 48.7 | 109 | 0.25 | 1.17 | 11.0 | 12.2 | 1.11 | 2.86 | 3.97 | — | 34,522 | 34,522 | 0.78 | 2.70 | 1.95 | 35,347 |
| % Reduced | 31% | 54% | 50% | -4% | — | 67% | — | 10% | 66% | — | 35% | — | — | — | — | — | — | — |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 4.68 | 19.5 | 34.0 | 49.6 | 0.11 | 1.11 | 4.76 | 5.87 | 1.03 | 1.19 | 2.22 | — | 15,157 | 15,157 | 0.36 | 1.12 | 13.4 | 15,514 |
| Mit. | 3.30 | 9.78 | 20.9 | 51.6 | 0.11 | 0.51 | 4.76 | 5.27 | 0.48 | 1.19 | 1.68 | — | 15,157 | 15,157 | 0.36 | 1.12 | 13.4 | 15,514 |
| % Reduced | 30% | 50% | 39% | -4% | — | 54% | — | 10% | 53% | — | 25% | — | — | — | — | — | — | — |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 0.85 | 3.55 | 6.21 | 9.05 | 0.02 | 0.20 | 0.87 | 1.07 | 0.19 | 0.22 | 0.41 | — | 2,509 | 2,509 | 0.06 | 0.19 | 2.21 | 2,569 |
| Mit. | 0.60 | 1.79 | 3.82 | 9.41 | 0.02 | 0.09 | 0.87 | 0.96 | 0.09 | 0.22 | 0.31 | — | 2,509 | 2,509 | 0.06 | 0.19 | 2.21 | 2,569 |
| % Reduced | 30% | 50% | 39% | -4% | — | 54% | — | 10% | 53% | — | 25% | — | — | — | — | — | — | — |

2.2. Construction Emissions by Year, Unmitigated

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

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|------|--------|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 10.4 | 56.2 | 71.1 | 115 | 0.24 | 2.60 | 11.0 | 13.3 | 2.40 | 2.78 | 4.84 | — | 34,859 | 34,859 | 0.74 | 2.69 | 72.6 | 35,750 |
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 11.2 | 36.0 | 97.1 | 105 | 0.25 | 3.54 | 11.0 | 13.6 | 3.28 | 2.86 | 6.15 | — | 34,522 | 34,522 | 0.78 | 2.70 | 1.95 | 35,347 |
| 2025 | 9.81 | 49.7 | 72.4 | 102 | 0.24 | 2.23 | 11.0 | 13.3 | 2.07 | 2.78 | 4.84 | — | 34,056 | 34,056 | 0.76 | 2.69 | 1.88 | 34,877 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 1.56 | 4.49 | 12.9 | 13.9 | 0.04 | 0.44 | 1.63 | 2.08 | 0.41 | 0.44 | 0.85 | — | 5,156 | 5,156 | 0.11 | 0.44 | 3.84 | 5,293 |
| 2025 | 4.68 | 19.5 | 34.0 | 49.6 | 0.11 | 1.11 | 4.76 | 5.87 | 1.03 | 1.19 | 2.22 | — | 15,157 | 15,157 | 0.36 | 1.12 | 13.4 | 15,514 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 0.28 | 0.82 | 2.35 | 2.53 | 0.01 | 0.08 | 0.30 | 0.38 | 0.07 | 0.08 | 0.16 | — | 854 | 854 | 0.02 | 0.07 | 0.64 | 876 |
| 2025 | 0.85 | 3.55 | 6.21 | 9.05 | 0.02 | 0.20 | 0.87 | 1.07 | 0.19 | 0.22 | 0.41 | — | 2,509 | 2,509 | 0.06 | 0.19 | 2.21 | 2,569 |

2.3. Construction Emissions by Year, Mitigated

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

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------|------|------|------|-----|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|------|--------|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 7.64 | 26.3 | 45.7 | 119 | 0.24 | 1.09 | 11.0 | 12.1 | 1.03 | 2.78 | 3.81 | — | 34,859 | 34,859 | 0.74 | 2.69 | 72.6 | 35,750 |
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 7.74 | 18.6 | 48.7 | 109 | 0.25 | 1.17 | 11.0 | 12.2 | 1.11 | 2.86 | 3.97 | — | 34,522 | 34,522 | 0.78 | 2.70 | 1.95 | 35,347 |
| 2025 | 7.09 | 22.9 | 46.9 | 106 | 0.24 | 1.09 | 11.0 | 12.1 | 1.03 | 2.78 | 3.81 | — | 34,056 | 34,056 | 0.76 | 2.69 | 1.88 | 34,877 |

| | | | | | | | | | | | | | | | | | | |
|---------------|------|------|------|------|------|------|------|------|------|------|------|---|--------|--------|------|------|------|--------|
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 0.87 | 2.18 | 6.63 | 15.1 | 0.04 | 0.16 | 1.63 | 1.80 | 0.16 | 0.44 | 0.60 | — | 5,156 | 5,156 | 0.11 | 0.44 | 3.84 | 5,293 |
| 2025 | 3.30 | 9.78 | 20.9 | 51.6 | 0.11 | 0.51 | 4.76 | 5.27 | 0.48 | 1.19 | 1.68 | — | 15,157 | 15,157 | 0.36 | 1.12 | 13.4 | 15,514 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 0.16 | 0.40 | 1.21 | 2.76 | 0.01 | 0.03 | 0.30 | 0.33 | 0.03 | 0.08 | 0.11 | — | 854 | 854 | 0.02 | 0.07 | 0.64 | 876 |
| 2025 | 0.60 | 1.79 | 3.82 | 9.41 | 0.02 | 0.09 | 0.87 | 0.96 | 0.09 | 0.22 | 0.31 | — | 2,509 | 2,509 | 0.06 | 0.19 | 2.21 | 2,569 |

2.4. Operations Emissions Compared Against Thresholds

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

| Un/Mit. | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|-----|-----|------|-------|-------|-------|--------|--------|--------|------|---------|---------|------|--------|-----|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 54.5 | 78.2 | 408 | 466 | 2.37 | 14.7 | 78.8 | 93.5 | 13.8 | 20.9 | 34.6 | 778 | 271,518 | 272,296 | 83.3 | 25.9 | 766 | 282,877 |
| Mit. | 54.5 | 77.1 | 408 | 466 | 2.37 | 14.7 | 78.8 | 93.5 | 13.8 | 20.9 | 34.6 | 209 | 263,255 | 263,465 | 25.7 | 25.8 | 766 | 272,574 |
| % Reduced | — | 1% | — | — | — | — | — | — | — | — | — | 73% | 3% | 3% | 69% | < 0.5% | — | 4% |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 43.2 | 67.7 | 417 | 387 | 2.34 | 14.6 | 78.8 | 93.4 | 13.7 | 20.9 | 34.5 | 778 | 269,224 | 270,001 | 83.4 | 26.0 | 123 | 279,955 |
| Mit. | 43.2 | 66.6 | 417 | 387 | 2.34 | 14.6 | 78.8 | 93.4 | 13.7 | 20.9 | 34.5 | 209 | 260,961 | 261,171 | 25.8 | 25.9 | 123 | 269,652 |
| % Reduced | — | 2% | — | — | — | — | — | — | — | — | — | 73% | 3% | 3% | 69% | < 0.5% | — | 4% |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 46.2 | 70.4 | 414 | 416 | 2.34 | 14.4 | 78.7 | 93.1 | 13.4 | 20.8 | 34.2 | 778 | 268,710 | 269,488 | 83.3 | 26.0 | 391 | 279,712 |
| Mit. | 46.2 | 69.4 | 414 | 416 | 2.34 | 14.4 | 78.7 | 93.1 | 13.4 | 20.8 | 34.2 | 209 | 260,448 | 260,657 | 25.7 | 25.9 | 391 | 269,409 |

| | | | | | | | | | | | | | | | | | | |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|--------|------|--------|------|--------|
| % Reduced | — | 1% | — | — | — | — | — | — | — | — | — | 73% | 3% | 3% | 69% | < 0.5% | — | 4% |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 8.43 | 12.9 | 75.6 | 75.9 | 0.43 | 2.62 | 14.4 | 17.0 | 2.45 | 3.80 | 6.25 | 129 | 44,488 | 44,617 | 13.8 | 4.31 | 64.7 | 46,309 |
| Mit. | 8.43 | 12.7 | 75.6 | 75.9 | 0.43 | 2.62 | 14.4 | 17.0 | 2.45 | 3.80 | 6.25 | 34.7 | 43,120 | 43,155 | 4.26 | 4.29 | 64.7 | 44,604 |
| % Reduced | — | 1% | — | — | — | — | — | — | — | — | — | 73% | 3% | 3% | 69% | < 0.5% | — | 4% |

2.5. Operations Emissions by Sector, Unmitigated

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

| Sector | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|---------|---------|------|---------|------|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 13.5 | 12.1 | 183 | 114 | 1.85 | 3.86 | 78.8 | 82.7 | 3.69 | 20.9 | 24.6 | — | 193,338 | 193,338 | 0.90 | 25.3 | 660 | 201,548 |
| Area | 10.5 | 40.5 | 0.49 | 58.8 | < 0.005 | 0.10 | — | 0.10 | 0.08 | — | 0.08 | — | 242 | 242 | 0.01 | < 0.005 | — | 243 |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 27,919 | 27,919 | 2.58 | 0.21 | — | 28,047 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 27.4 | 80.1 | 108 | 2.82 | 0.07 | — | 198 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 750 | 0.00 | 750 | 75.0 | 0.00 | — | 2,625 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Stationary | 2.70 | 2.46 | 6.88 | 6.28 | 0.01 | 0.36 | 0.00 | 0.36 | 0.36 | 0.00 | 0.36 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 54.5 | 78.2 | 408 | 466 | 2.37 | 14.7 | 78.8 | 93.5 | 13.8 | 20.9 | 34.6 | 778 | 271,518 | 272,296 | 83.3 | 25.9 | 766 | 282,877 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 12.6 | 11.3 | 193 | 93.7 | 1.82 | 3.87 | 78.8 | 82.7 | 3.69 | 20.9 | 24.6 | — | 191,285 | 191,285 | 0.94 | 25.3 | 17.1 | 198,869 |
| Area | — | 30.9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---------------|------|------|------|------|---------|------|------|------|------|------|------|------|---------|---------|---------|---------|------|---------|
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 27,919 | 27,919 | 2.58 | 0.21 | — | 28,047 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 27.4 | 80.1 | 108 | 2.82 | 0.07 | — | 198 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 750 | 0.00 | 750 | 75.0 | 0.00 | — | 2,625 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Stationary | 2.70 | 2.46 | 6.88 | 6.28 | 0.01 | 0.36 | 0.00 | 0.36 | 0.36 | 0.00 | 0.36 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 43.2 | 67.7 | 417 | 387 | 2.34 | 14.6 | 78.8 | 93.4 | 13.7 | 20.9 | 34.5 | 778 | 269,224 | 270,001 | 83.4 | 26.0 | 123 | 279,955 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 12.8 | 11.4 | 195 | 99.1 | 1.83 | 3.87 | 78.7 | 82.6 | 3.69 | 20.8 | 24.5 | — | 191,739 | 191,739 | 0.95 | 25.3 | 285 | 199,596 |
| Area | 5.16 | 35.6 | 0.24 | 29.0 | < 0.005 | 0.05 | — | 0.05 | 0.04 | — | 0.04 | — | 119 | 119 | 0.01 | < 0.005 | — | 120 |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 27,919 | 27,919 | 2.58 | 0.21 | — | 28,047 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 27.4 | 80.1 | 108 | 2.82 | 0.07 | — | 198 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 750 | 0.00 | 750 | 75.0 | 0.00 | — | 2,625 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Stationary | 0.37 | 0.34 | 0.94 | 0.86 | < 0.005 | 0.05 | 0.00 | 0.05 | 0.05 | 0.00 | 0.05 | 0.00 | 173 | 173 | 0.01 | < 0.005 | 0.00 | 173 |
| Total | 46.2 | 70.4 | 414 | 416 | 2.34 | 14.4 | 78.7 | 93.1 | 13.4 | 20.8 | 34.2 | 778 | 268,710 | 269,488 | 83.3 | 26.0 | 391 | 279,712 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 2.33 | 2.08 | 35.6 | 18.1 | 0.33 | 0.71 | 14.4 | 15.1 | 0.67 | 3.80 | 4.48 | — | 31,745 | 31,745 | 0.16 | 4.19 | 47.2 | 33,045 |
| Area | 0.94 | 6.50 | 0.04 | 5.29 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 19.7 | 19.7 | < 0.005 | < 0.005 | — | 19.8 |
| Energy | 0.19 | 0.10 | 1.73 | 1.46 | 0.01 | 0.13 | — | 0.13 | 0.13 | — | 0.13 | — | 4,622 | 4,622 | 0.43 | 0.04 | — | 4,644 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 4.54 | 13.3 | 17.8 | 0.47 | 0.01 | — | 32.8 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 124 | 0.00 | 124 | 12.4 | 0.00 | — | 435 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 17.5 | 17.5 |
| Off-Road | 4.90 | 4.12 | 38.0 | 51.0 | 0.08 | 1.76 | — | 1.76 | 1.62 | — | 1.62 | — | 8,060 | 8,060 | 0.33 | 0.07 | — | 8,087 |

| | | | | | | | | | | | | | | | | | | |
|------------|------|------|------|------|---------|------|------|------|------|------|------|------|--------|--------|---------|---------|------|--------|
| Stationary | 0.07 | 0.06 | 0.17 | 0.16 | < 0.005 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 28.6 | 28.6 | < 0.005 | < 0.005 | 0.00 | 28.7 |
| Total | 8.43 | 12.9 | 75.6 | 75.9 | 0.43 | 2.62 | 14.4 | 17.0 | 2.45 | 3.80 | 6.25 | 129 | 44,488 | 44,617 | 13.8 | 4.31 | 64.7 | 46,309 |

2.6. Operations Emissions by Sector, Mitigated

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

| Sector | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|---------|---------|------|---------|------|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 13.5 | 12.1 | 183 | 114 | 1.85 | 3.86 | 78.8 | 82.7 | 3.69 | 20.9 | 24.6 | — | 193,338 | 193,338 | 0.90 | 25.3 | 660 | 201,548 |
| Area | 10.5 | 39.5 | 0.49 | 58.8 | < 0.005 | 0.10 | — | 0.10 | 0.08 | — | 0.08 | — | 242 | 242 | 0.01 | < 0.005 | — | 243 |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 19,672 | 19,672 | 1.80 | 0.12 | — | 19,752 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 21.9 | 64.1 | 86.0 | 2.25 | 0.05 | — | 159 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 188 | 0.00 | 188 | 18.7 | 0.00 | — | 656 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Stationary | 2.70 | 2.46 | 6.88 | 6.28 | 0.01 | 0.36 | 0.00 | 0.36 | 0.36 | 0.00 | 0.36 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 54.5 | 77.1 | 408 | 466 | 2.37 | 14.7 | 78.8 | 93.5 | 13.8 | 20.9 | 34.6 | 209 | 263,255 | 263,465 | 25.7 | 25.8 | 766 | 272,574 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 12.6 | 11.3 | 193 | 93.7 | 1.82 | 3.87 | 78.8 | 82.7 | 3.69 | 20.9 | 24.6 | — | 191,285 | 191,285 | 0.94 | 25.3 | 17.1 | 198,869 |
| Area | — | 29.8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 19,672 | 19,672 | 1.80 | 0.12 | — | 19,752 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 21.9 | 64.1 | 86.0 | 2.25 | 0.05 | — | 159 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 188 | 0.00 | 188 | 18.7 | 0.00 | — | 656 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |

| | | | | | | | | | | | | | | | | | | |
|---------------|------|------|------|------|---------|------|------|------|------|------|------|------|---------|---------|---------|---------|------|---------|
| Off-Road | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Stationary | 2.70 | 2.46 | 6.88 | 6.28 | 0.01 | 0.36 | 0.00 | 0.36 | 0.36 | 0.00 | 0.36 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 43.2 | 66.6 | 417 | 387 | 2.34 | 14.6 | 78.8 | 93.4 | 13.7 | 20.9 | 34.5 | 209 | 260,961 | 261,171 | 25.8 | 25.9 | 123 | 269,652 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 12.8 | 11.4 | 195 | 99.1 | 1.83 | 3.87 | 78.7 | 82.6 | 3.69 | 20.8 | 24.5 | — | 191,739 | 191,739 | 0.95 | 25.3 | 285 | 199,596 |
| Area | 5.16 | 34.6 | 0.24 | 29.0 | < 0.005 | 0.05 | — | 0.05 | 0.04 | — | 0.04 | — | 119 | 119 | 0.01 | < 0.005 | — | 120 |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 19,672 | 19,672 | 1.80 | 0.12 | — | 19,752 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 21.9 | 64.1 | 86.0 | 2.25 | 0.05 | — | 159 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 188 | 0.00 | 188 | 18.7 | 0.00 | — | 656 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Stationary | 0.37 | 0.34 | 0.94 | 0.86 | < 0.005 | 0.05 | 0.00 | 0.05 | 0.05 | 0.00 | 0.05 | 0.00 | 173 | 173 | 0.01 | < 0.005 | 0.00 | 173 |
| Total | 46.2 | 69.4 | 414 | 416 | 2.34 | 14.4 | 78.7 | 93.1 | 13.4 | 20.8 | 34.2 | 209 | 260,448 | 260,657 | 25.7 | 25.9 | 391 | 269,409 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 2.33 | 2.08 | 35.6 | 18.1 | 0.33 | 0.71 | 14.4 | 15.1 | 0.67 | 3.80 | 4.48 | — | 31,745 | 31,745 | 0.16 | 4.19 | 47.2 | 33,045 |
| Area | 0.94 | 6.31 | 0.04 | 5.29 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 19.7 | 19.7 | < 0.005 | < 0.005 | — | 19.8 |
| Energy | 0.19 | 0.10 | 1.73 | 1.46 | 0.01 | 0.13 | — | 0.13 | 0.13 | — | 0.13 | — | 3,257 | 3,257 | 0.30 | 0.02 | — | 3,270 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 3.63 | 10.6 | 14.2 | 0.37 | 0.01 | — | 26.2 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 31.1 | 0.00 | 31.1 | 3.10 | 0.00 | — | 109 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 17.5 | 17.5 |
| Off-Road | 4.90 | 4.12 | 38.0 | 51.0 | 0.08 | 1.76 | — | 1.76 | 1.62 | — | 1.62 | — | 8,060 | 8,060 | 0.33 | 0.07 | — | 8,087 |
| Stationary | 0.07 | 0.06 | 0.17 | 0.16 | < 0.005 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 28.6 | 28.6 | < 0.005 | < 0.005 | 0.00 | 28.7 |
| Total | 8.43 | 12.7 | 75.6 | 75.9 | 0.43 | 2.62 | 14.4 | 17.0 | 2.45 | 3.80 | 6.25 | 34.7 | 43,120 | 43,155 | 4.26 | 4.29 | 64.7 | 44,604 |

3. Construction Emissions Details

3.1. Site Preparation (2024) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|------------------------------|---------|---------|------|------|---------|---------|-------|---------|---------|---------|---------|------|-------|------|---------|---------|------|------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.53 | 0.45 | 4.04 | 4.43 | 0.01 | 0.27 | — | 0.27 | 0.25 | — | 0.25 | — | 639 | 639 | 0.03 | 0.01 | — | 642 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.21 | 0.21 | — | 0.02 | 0.02 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.01 | 0.01 | 0.11 | 0.12 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 17.5 | 17.5 | < 0.005 | < 0.005 | — | 17.6 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.01 | 0.01 | — | < 0.005 | < 0.005 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 2.90 | 2.90 | < 0.005 | < 0.005 | — | 2.91 |

| | | | | | | | | | | | | | | | | | | |
|------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|--------|--------|---------|---------|---------|--------|
| Dust From Material Movement: | — | — | — | — | — | — | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.11 | 0.10 | 0.12 | 1.21 | 0.00 | 0.00 | 0.26 | 0.26 | 0.00 | 0.06 | 0.06 | — | 264 | 264 | 0.01 | 0.01 | 0.03 | 267 |
| Vendor | 0.01 | < 0.005 | 0.14 | 0.06 | < 0.005 | < 0.005 | 0.03 | 0.04 | < 0.005 | 0.01 | 0.01 | — | 130 | 130 | < 0.005 | 0.02 | 0.01 | 135 |
| Hauling | 0.36 | 0.25 | 15.1 | 3.21 | 0.08 | 0.24 | 3.29 | 3.53 | 0.24 | 0.84 | 1.08 | — | 12,687 | 12,687 | 0.01 | 1.99 | 0.70 | 13,283 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.04 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 7.44 | 7.44 | < 0.005 | < 0.005 | 0.01 | 7.54 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 3.56 | 3.56 | < 0.005 | < 0.005 | < 0.005 | 3.70 |
| Hauling | 0.01 | 0.01 | 0.41 | 0.09 | < 0.005 | 0.01 | 0.09 | 0.10 | 0.01 | 0.02 | 0.03 | — | 347 | 347 | < 0.005 | 0.05 | 0.32 | 364 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.01 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 1.23 | 1.23 | < 0.005 | < 0.005 | < 0.005 | 1.25 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.59 | 0.59 | < 0.005 | < 0.005 | < 0.005 | 0.61 |
| Hauling | < 0.005 | < 0.005 | 0.08 | 0.02 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | 0.01 | — | 57.5 | 57.5 | < 0.005 | 0.01 | 0.05 | 60.3 |

3.2. Site Preparation (2024) - Mitigated

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

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

| | | | | | | | | | | | | | | | | | | |
|-----------------------------|---------|---------|---------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|------|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.06 | 0.06 | 0.31 | 4.47 | 0.01 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 639 | 639 | 0.03 | 0.01 | — | 642 |
| Dust From Material Movement | — | — | — | — | — | — | 0.21 | 0.21 | — | 0.02 | 0.02 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | < 0.005 | 0.01 | 0.12 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 17.5 | 17.5 | < 0.005 | < 0.005 | — | 17.6 |
| Dust From Material Movement | — | — | — | — | — | — | 0.01 | 0.01 | — | < 0.005 | < 0.005 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | < 0.005 | < 0.005 | 0.02 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 2.90 | 2.90 | < 0.005 | < 0.005 | — | 2.91 |
| Dust From Material Movement | — | — | — | — | — | — | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|--------|--------|---------|---------|---------|--------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.11 | 0.10 | 0.12 | 1.21 | 0.00 | 0.00 | 0.26 | 0.26 | 0.00 | 0.06 | 0.06 | — | 264 | 264 | 0.01 | 0.01 | 0.03 | 267 |
| Vendor | 0.01 | < 0.005 | 0.14 | 0.06 | < 0.005 | < 0.005 | 0.03 | 0.04 | < 0.005 | 0.01 | 0.01 | — | 130 | 130 | < 0.005 | 0.02 | 0.01 | 135 |
| Hauling | 0.36 | 0.25 | 15.1 | 3.21 | 0.08 | 0.24 | 3.29 | 3.53 | 0.24 | 0.84 | 1.08 | — | 12,687 | 12,687 | 0.01 | 1.99 | 0.70 | 13,283 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.04 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 7.44 | 7.44 | < 0.005 | < 0.005 | 0.01 | 7.54 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 3.56 | 3.56 | < 0.005 | < 0.005 | < 0.005 | 3.70 |
| Hauling | 0.01 | 0.01 | 0.41 | 0.09 | < 0.005 | 0.01 | 0.09 | 0.10 | 0.01 | 0.02 | 0.03 | — | 347 | 347 | < 0.005 | 0.05 | 0.32 | 364 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.01 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 1.23 | 1.23 | < 0.005 | < 0.005 | < 0.005 | 1.25 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.59 | 0.59 | < 0.005 | < 0.005 | < 0.005 | 0.61 |
| Hauling | < 0.005 | < 0.005 | 0.08 | 0.02 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | 0.01 | — | 57.5 | 57.5 | < 0.005 | 0.01 | 0.05 | 60.3 |

3.3. Mass Grading (2024) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|---|--------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.13 | 5.15 | 50.7 | 42.4 | 0.10 | 2.08 | — | 2.08 | 1.92 | — | 1.92 | — | 10,387 | 10,387 | 0.42 | 0.08 | — | 10,422 |

| | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|---------|---------|------|------|---------|------|------|---|--------|--------|---------|---------|------|--------|
| Dust From Material Movement: | — | — | — | — | — | — | 4.48 | 4.48 | — | 1.52 | 1.52 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.50 | 0.42 | 4.17 | 3.49 | 0.01 | 0.17 | — | 0.17 | 0.16 | — | 0.16 | — | 854 | 854 | 0.03 | 0.01 | — | 857 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.37 | 0.37 | — | 0.13 | 0.13 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.09 | 0.08 | 0.76 | 0.64 | < 0.005 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 141 | 141 | 0.01 | < 0.005 | — | 142 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.07 | 0.07 | — | 0.02 | 0.02 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.17 | 0.15 | 0.18 | 1.82 | 0.00 | 0.00 | 0.39 | 0.39 | 0.00 | 0.09 | 0.09 | — | 396 | 396 | 0.02 | 0.01 | 0.05 | 400 |
| Vendor | 0.01 | 0.01 | 0.29 | 0.12 | < 0.005 | < 0.005 | 0.07 | 0.07 | < 0.005 | 0.02 | 0.02 | — | 260 | 260 | < 0.005 | 0.03 | 0.02 | 270 |
| Hauling | 0.35 | 0.24 | 14.8 | 3.14 | 0.08 | 0.24 | 3.22 | 3.46 | 0.24 | 0.83 | 1.06 | — | 12,408 | 12,408 | 0.01 | 1.95 | 0.68 | 12,991 |

| | | | | | | | | | | | | | | | | | | |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|-------|-------|---------|---------|---------|-------|
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.02 | 0.17 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 | — | 33.5 | 33.5 | < 0.005 | < 0.005 | 0.06 | 33.9 |
| Vendor | < 0.005 | < 0.005 | 0.02 | 0.01 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 21.4 | 21.4 | < 0.005 | < 0.005 | 0.02 | 22.2 |
| Hauling | 0.03 | 0.02 | 1.21 | 0.25 | 0.01 | 0.02 | 0.26 | 0.28 | 0.02 | 0.07 | 0.09 | — | 1,019 | 1,019 | < 0.005 | 0.16 | 0.93 | 1,068 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.03 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 5.54 | 5.54 | < 0.005 | < 0.005 | 0.01 | 5.62 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 3.54 | 3.54 | < 0.005 | < 0.005 | < 0.005 | 3.68 |
| Hauling | 0.01 | < 0.005 | 0.22 | 0.05 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 169 | 169 | < 0.005 | 0.03 | 0.15 | 177 |

3.4. Mass Grading (2024) - Mitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|------|--------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.19 | 1.15 | 6.65 | 54.0 | 0.10 | 0.25 | — | 0.25 | 0.24 | — | 0.24 | — | 10,387 | 10,387 | 0.42 | 0.08 | — | 10,422 |
| Dust From Material Movement | — | — | — | — | — | — | 4.48 | 4.48 | — | 1.52 | 1.52 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.10 | 0.09 | 0.55 | 4.44 | 0.01 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 854 | 854 | 0.03 | 0.01 | — | 857 |

| | | | | | | | | | | | | | | | | | | |
|------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|--------|--------|---------|---------|---------|--------|
| Dust From Material Movement: | — | — | — | — | — | — | 0.37 | 0.37 | — | 0.13 | 0.13 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.02 | 0.02 | 0.10 | 0.81 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 141 | 141 | 0.01 | < 0.005 | — | 142 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.07 | 0.07 | — | 0.02 | 0.02 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.17 | 0.15 | 0.18 | 1.82 | 0.00 | 0.00 | 0.39 | 0.39 | 0.00 | 0.09 | 0.09 | — | 396 | 396 | 0.02 | 0.01 | 0.05 | 400 |
| Vendor | 0.01 | 0.01 | 0.29 | 0.12 | < 0.005 | < 0.005 | 0.07 | 0.07 | < 0.005 | 0.02 | 0.02 | — | 260 | 260 | < 0.005 | 0.03 | 0.02 | 270 |
| Hauling | 0.35 | 0.24 | 14.8 | 3.14 | 0.08 | 0.24 | 3.22 | 3.46 | 0.24 | 0.83 | 1.06 | — | 12,408 | 12,408 | 0.01 | 1.95 | 0.68 | 12,991 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.02 | 0.17 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 | — | 33.5 | 33.5 | < 0.005 | < 0.005 | 0.06 | 33.9 |
| Vendor | < 0.005 | < 0.005 | 0.02 | 0.01 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 21.4 | 21.4 | < 0.005 | < 0.005 | 0.02 | 22.2 |
| Hauling | 0.03 | 0.02 | 1.21 | 0.25 | 0.01 | 0.02 | 0.26 | 0.28 | 0.02 | 0.07 | 0.09 | — | 1,019 | 1,019 | < 0.005 | 0.16 | 0.93 | 1,068 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.03 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 5.54 | 5.54 | < 0.005 | < 0.005 | 0.01 | 5.62 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 3.54 | 3.54 | < 0.005 | < 0.005 | < 0.005 | 3.68 |

| | | | | | | | | | | | | | | | | | | |
|---------|------|---------|------|------|---------|---------|------|------|---------|------|------|---|-----|-----|---------|------|------|-----|
| Hauling | 0.01 | < 0.005 | 0.22 | 0.05 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 169 | 169 | < 0.005 | 0.03 | 0.15 | 177 |
|---------|------|---------|------|------|---------|---------|------|------|---------|------|------|---|-----|-----|---------|------|------|-----|

3.5. Building Construction (2024) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|---------|---------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 3.18 | 2.66 | 25.6 | 32.1 | 0.05 | 1.09 | — | 1.09 | 1.00 | — | 1.00 | — | 5,335 | 5,335 | 0.22 | 0.04 | — | 5,353 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.22 | 0.19 | 1.80 | 2.26 | < 0.005 | 0.08 | — | 0.08 | 0.07 | — | 0.07 | — | 376 | 376 | 0.02 | < 0.005 | — | 377 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.04 | 0.03 | 0.33 | 0.41 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 62.2 | 62.2 | < 0.005 | < 0.005 | — | 62.4 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|---------|---------|------|------|---------|------|------|---|--------|--------|---------|---------|------|--------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.28 | 2.07 | 2.50 | 24.6 | 0.00 | 0.00 | 5.31 | 5.31 | 0.00 | 1.24 | 1.24 | — | 5,353 | 5,353 | 0.26 | 0.20 | 0.62 | 5,420 |
| Vendor | 0.72 | 0.55 | 17.1 | 7.40 | 0.12 | 0.21 | 4.09 | 4.30 | 0.21 | 1.13 | 1.34 | — | 15,533 | 15,533 | 0.03 | 2.05 | 1.08 | 16,146 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.16 | 0.15 | 0.18 | 1.95 | 0.00 | 0.00 | 0.37 | 0.37 | 0.00 | 0.09 | 0.09 | — | 388 | 388 | 0.02 | 0.01 | 0.72 | 394 |
| Vendor | 0.05 | 0.04 | 1.21 | 0.51 | 0.01 | 0.02 | 0.29 | 0.30 | 0.02 | 0.08 | 0.09 | — | 1,094 | 1,094 | < 0.005 | 0.14 | 1.27 | 1,138 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.03 | 0.03 | 0.36 | 0.00 | 0.00 | 0.07 | 0.07 | 0.00 | 0.02 | 0.02 | — | 64.3 | 64.3 | < 0.005 | < 0.005 | 0.12 | 65.2 |
| Vendor | 0.01 | 0.01 | 0.22 | 0.09 | < 0.005 | < 0.005 | 0.05 | 0.06 | < 0.005 | 0.01 | 0.02 | — | 181 | 181 | < 0.005 | 0.02 | 0.21 | 188 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.6. Building Construction (2024) - Mitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.36 | 1.19 | 9.14 | 34.7 | 0.05 | 0.29 | — | 0.29 | 0.27 | — | 0.27 | — | 5,335 | 5,335 | 0.22 | 0.04 | — | 5,353 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|---------|---------|------|---------|---------|------|---------|---|--------|--------|---------|---------|------|--------|
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.10 | 0.08 | 0.64 | 2.44 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 376 | 376 | 0.02 | < 0.005 | — | 377 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.02 | 0.02 | 0.12 | 0.45 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 62.2 | 62.2 | < 0.005 | < 0.005 | — | 62.4 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.28 | 2.07 | 2.50 | 24.6 | 0.00 | 0.00 | 5.31 | 5.31 | 0.00 | 1.24 | 1.24 | — | 5,353 | 5,353 | 0.26 | 0.20 | 0.62 | 5,420 |
| Vendor | 0.72 | 0.55 | 17.1 | 7.40 | 0.12 | 0.21 | 4.09 | 4.30 | 0.21 | 1.13 | 1.34 | — | 15,533 | 15,533 | 0.03 | 2.05 | 1.08 | 16,146 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.16 | 0.15 | 0.18 | 1.95 | 0.00 | 0.00 | 0.37 | 0.37 | 0.00 | 0.09 | 0.09 | — | 388 | 388 | 0.02 | 0.01 | 0.72 | 394 |
| Vendor | 0.05 | 0.04 | 1.21 | 0.51 | 0.01 | 0.02 | 0.29 | 0.30 | 0.02 | 0.08 | 0.09 | — | 1,094 | 1,094 | < 0.005 | 0.14 | 1.27 | 1,138 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.03 | 0.03 | 0.36 | 0.00 | 0.00 | 0.07 | 0.07 | 0.00 | 0.02 | 0.02 | — | 64.3 | 64.3 | < 0.005 | < 0.005 | 0.12 | 65.2 |
| Vendor | 0.01 | 0.01 | 0.22 | 0.09 | < 0.005 | < 0.005 | 0.05 | 0.06 | < 0.005 | 0.01 | 0.02 | — | 181 | 181 | < 0.005 | 0.02 | 0.21 | 188 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.7. Building Construction (2025) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|---------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.97 | 2.48 | 24.0 | 32.0 | 0.05 | 0.93 | — | 0.93 | 0.86 | — | 0.86 | — | 5,335 | 5,335 | 0.22 | 0.04 | — | 5,353 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.97 | 2.48 | 24.0 | 32.0 | 0.05 | 0.93 | — | 0.93 | 0.86 | — | 0.86 | — | 5,335 | 5,335 | 0.22 | 0.04 | — | 5,353 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.24 | 1.04 | 10.0 | 13.3 | 0.02 | 0.39 | — | 0.39 | 0.36 | — | 0.36 | — | 2,224 | 2,224 | 0.09 | 0.02 | — | 2,231 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.23 | 0.19 | 1.83 | 2.43 | < 0.005 | 0.07 | — | 0.07 | 0.07 | — | 0.07 | — | 368 | 368 | 0.01 | < 0.005 | — | 369 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|---|--------|--------|---------|------|------|--------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.43 | 2.22 | 1.97 | 33.7 | 0.00 | 0.00 | 5.31 | 5.31 | 0.00 | 1.24 | 1.24 | — | 5,922 | 5,922 | 0.24 | 0.20 | 21.6 | 6,010 |
| Vendor | 0.65 | 0.59 | 15.5 | 6.77 | 0.12 | 0.21 | 4.09 | 4.30 | 0.21 | 1.13 | 1.34 | — | 15,226 | 15,226 | 0.03 | 2.04 | 41.7 | 15,877 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.03 | 1.82 | 2.15 | 22.6 | 0.00 | 0.00 | 5.31 | 5.31 | 0.00 | 1.24 | 1.24 | — | 5,242 | 5,242 | 0.26 | 0.20 | 0.56 | 5,309 |
| Vendor | 0.58 | 0.54 | 16.4 | 6.89 | 0.12 | 0.21 | 4.09 | 4.30 | 0.21 | 1.13 | 1.34 | — | 15,243 | 15,243 | 0.03 | 2.04 | 1.08 | 15,852 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.85 | 0.76 | 0.97 | 10.5 | 0.00 | 0.00 | 2.21 | 2.21 | 0.00 | 0.52 | 0.52 | — | 2,250 | 2,250 | 0.11 | 0.08 | 3.90 | 2,281 |
| Vendor | 0.26 | 0.24 | 6.82 | 2.84 | 0.05 | 0.09 | 1.70 | 1.79 | 0.09 | 0.47 | 0.56 | — | 6,350 | 6,350 | 0.01 | 0.85 | 7.50 | 6,611 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.16 | 0.14 | 0.18 | 1.92 | 0.00 | 0.00 | 0.40 | 0.40 | 0.00 | 0.09 | 0.09 | — | 372 | 372 | 0.02 | 0.01 | 0.65 | 378 |
| Vendor | 0.05 | 0.04 | 1.24 | 0.52 | 0.01 | 0.02 | 0.31 | 0.33 | 0.02 | 0.09 | 0.10 | — | 1,051 | 1,051 | < 0.005 | 0.14 | 1.24 | 1,095 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.8. Building Construction (2025) - Mitigated

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

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

| | | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|---------|------|------|------|------|------|------|---|--------|--------|------|---------|------|--------|
| Off-Road Equipment | 1.32 | 1.16 | 9.04 | 34.6 | 0.05 | 0.27 | — | 0.27 | 0.26 | — | 0.26 | — | 5,335 | 5,335 | 0.22 | 0.04 | — | 5,353 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.32 | 1.16 | 9.04 | 34.6 | 0.05 | 0.27 | — | 0.27 | 0.26 | — | 0.26 | — | 5,335 | 5,335 | 0.22 | 0.04 | — | 5,353 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.55 | 0.48 | 3.77 | 14.4 | 0.02 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 2,224 | 2,224 | 0.09 | 0.02 | — | 2,231 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.10 | 0.09 | 0.69 | 2.64 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 368 | 368 | 0.01 | < 0.005 | — | 369 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.43 | 2.22 | 1.97 | 33.7 | 0.00 | 0.00 | 5.31 | 5.31 | 0.00 | 1.24 | 1.24 | — | 5,922 | 5,922 | 0.24 | 0.20 | 21.6 | 6,010 |
| Vendor | 0.65 | 0.59 | 15.5 | 6.77 | 0.12 | 0.21 | 4.09 | 4.30 | 0.21 | 1.13 | 1.34 | — | 15,226 | 15,226 | 0.03 | 2.04 | 41.7 | 15,877 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 2.03 | 1.82 | 2.15 | 22.6 | 0.00 | 0.00 | 5.31 | 5.31 | 0.00 | 1.24 | 1.24 | — | 5,242 | 5,242 | 0.26 | 0.20 | 0.56 | 5,309 |

| | | | | | | | | | | | | | | | | | | |
|---------------|------|------|------|------|------|------|------|------|------|------|------|---|--------|--------|---------|------|------|--------|
| Vendor | 0.58 | 0.54 | 16.4 | 6.89 | 0.12 | 0.21 | 4.09 | 4.30 | 0.21 | 1.13 | 1.34 | — | 15,243 | 15,243 | 0.03 | 2.04 | 1.08 | 15,852 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.85 | 0.76 | 0.97 | 10.5 | 0.00 | 0.00 | 2.21 | 2.21 | 0.00 | 0.52 | 0.52 | — | 2,250 | 2,250 | 0.11 | 0.08 | 3.90 | 2,281 |
| Vendor | 0.26 | 0.24 | 6.82 | 2.84 | 0.05 | 0.09 | 1.70 | 1.79 | 0.09 | 0.47 | 0.56 | — | 6,350 | 6,350 | 0.01 | 0.85 | 7.50 | 6,611 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.16 | 0.14 | 0.18 | 1.92 | 0.00 | 0.00 | 0.40 | 0.40 | 0.00 | 0.09 | 0.09 | — | 372 | 372 | 0.02 | 0.01 | 0.65 | 378 |
| Vendor | 0.05 | 0.04 | 1.24 | 0.52 | 0.01 | 0.02 | 0.31 | 0.33 | 0.02 | 0.09 | 0.10 | — | 1,051 | 1,051 | < 0.005 | 0.14 | 1.24 | 1,095 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.9. Onsite Paving (2025) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 5.57 | 4.68 | 41.7 | 54.9 | 0.08 | 1.94 | — | 1.94 | 1.79 | — | 1.79 | — | 8,265 | 8,265 | 0.34 | 0.07 | — | 8,294 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.46 | 0.38 | 3.43 | 4.51 | 0.01 | 0.16 | — | 0.16 | 0.15 | — | 0.15 | — | 679 | 679 | 0.03 | 0.01 | — | 682 |

| | | | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|------|------|---------|---------|------|------|---------|---------|---------|------|-------|-------|---------|---------|------|-------|------|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.08 | 0.07 | 0.63 | 0.82 | < 0.005 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 112 | 112 | < 0.005 | < 0.005 | — | 113 | |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.42 | 0.38 | 0.34 | 5.81 | 0.00 | 0.00 | 0.91 | 0.91 | 0.00 | 0.21 | 0.21 | — | 1,021 | 1,021 | 0.04 | 0.03 | 3.73 | 1,036 | |
| Vendor | 0.07 | 0.06 | 1.62 | 0.71 | 0.01 | 0.02 | 0.43 | 0.45 | 0.02 | 0.12 | 0.14 | — | 1,593 | 1,593 | < 0.005 | 0.21 | 4.36 | 1,661 | |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.03 | 0.03 | 0.03 | 0.36 | 0.00 | 0.00 | 0.08 | 0.08 | 0.00 | 0.02 | 0.02 | — | 76.5 | 76.5 | < 0.005 | < 0.005 | 0.13 | 77.6 | |
| Vendor | 0.01 | < 0.005 | 0.14 | 0.06 | < 0.005 | < 0.005 | 0.04 | 0.04 | < 0.005 | 0.01 | 0.01 | — | 131 | 131 | < 0.005 | 0.02 | 0.15 | 136 | |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.01 | < 0.005 | 0.01 | 0.07 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 12.7 | 12.7 | < 0.005 | < 0.005 | 0.02 | 12.8 | |
| Vendor | < 0.005 | < 0.005 | 0.03 | 0.01 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 21.7 | 21.7 | < 0.005 | < 0.005 | 0.03 | 22.6 | |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |

3.10. Onsite Paving (2025) - Mitigated

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

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

| | | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|---------|------|------|------|------|------|------|---|-------|-------|---------|---------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 3.02 | 2.63 | 16.3 | 58.0 | 0.08 | 0.72 | — | 0.72 | 0.67 | — | 0.67 | — | 8,265 | 8,265 | 0.34 | 0.07 | — | 8,294 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.25 | 0.22 | 1.34 | 4.77 | 0.01 | 0.06 | — | 0.06 | 0.06 | — | 0.06 | — | 679 | 679 | 0.03 | 0.01 | — | 682 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.05 | 0.04 | 0.25 | 0.87 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 112 | 112 | < 0.005 | < 0.005 | — | 113 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.42 | 0.38 | 0.34 | 5.81 | 0.00 | 0.00 | 0.91 | 0.91 | 0.00 | 0.21 | 0.21 | — | 1,021 | 1,021 | 0.04 | 0.03 | 3.73 | 1,036 |
| Vendor | 0.07 | 0.06 | 1.62 | 0.71 | 0.01 | 0.02 | 0.43 | 0.45 | 0.02 | 0.12 | 0.14 | — | 1,593 | 1,593 | < 0.005 | 0.21 | 4.36 | 1,661 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---------------|---------|---------|------|------|---------|---------|------|------|---------|---------|---------|---|------|------|---------|---------|------|------|
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.03 | 0.03 | 0.36 | 0.00 | 0.00 | 0.08 | 0.08 | 0.00 | 0.02 | 0.02 | — | 76.5 | 76.5 | < 0.005 | < 0.005 | 0.13 | 77.6 |
| Vendor | 0.01 | < 0.005 | 0.14 | 0.06 | < 0.005 | < 0.005 | 0.04 | 0.04 | < 0.005 | 0.01 | 0.01 | — | 131 | 131 | < 0.005 | 0.02 | 0.15 | 136 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | < 0.005 | 0.01 | 0.07 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 12.7 | 12.7 | < 0.005 | < 0.005 | 0.02 | 12.8 |
| Vendor | < 0.005 | < 0.005 | 0.03 | 0.01 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 21.7 | 21.7 | < 0.005 | < 0.005 | 0.03 | 22.6 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.11. Offsite Paving (Continual and Final) (2024) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|---------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.52 | 1.28 | 11.7 | 15.0 | 0.02 | 0.58 | — | 0.58 | 0.54 | — | 0.54 | — | 2,267 | 2,267 | 0.09 | 0.02 | — | 2,275 |
| Paving | — | 0.40 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.18 | 0.15 | 1.40 | 1.80 | < 0.005 | 0.07 | — | 0.07 | 0.06 | — | 0.06 | — | 271 | 271 | 0.01 | < 0.005 | — | 272 |
| Paving | — | 0.05 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|------|------|---------|---------|---------|------|------|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.03 | 0.03 | 0.26 | 0.33 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 44.8 | 44.8 | < 0.005 | < 0.005 | — | 45.0 | |
| Paving | — | 0.01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.13 | 0.12 | 0.15 | 1.45 | 0.00 | 0.00 | 0.31 | 0.31 | 0.00 | 0.07 | 0.07 | — | 316 | 316 | 0.02 | 0.01 | 0.04 | 320 | |
| Vendor | 0.01 | 0.01 | 0.21 | 0.09 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 195 | 195 | < 0.005 | 0.03 | 0.01 | 203 | |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.02 | 0.01 | 0.02 | 0.19 | 0.00 | 0.00 | 0.04 | 0.04 | 0.00 | 0.01 | 0.01 | — | 38.9 | 38.9 | < 0.005 | < 0.005 | 0.07 | 39.4 | |
| Vendor | < 0.005 | < 0.005 | 0.03 | 0.01 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 23.3 | 23.3 | < 0.005 | < 0.005 | 0.03 | 24.2 | |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.04 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 6.44 | 6.44 | < 0.005 | < 0.005 | 0.01 | 6.53 | |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 3.85 | 3.85 | < 0.005 | < 0.005 | < 0.005 | 4.01 | |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |

3.12. Offsite Paving (Continual and Final) (2024) - Mitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|---------|---------|-------|---------|---------|--------|---------|------|-------|-------|---------|---------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.71 | 0.62 | 3.67 | 16.0 | 0.02 | 0.17 | — | 0.17 | 0.16 | — | 0.16 | — | 2,267 | 2,267 | 0.09 | 0.02 | — | 2,275 |
| Paving | — | 0.40 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.08 | 0.07 | 0.44 | 1.91 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 271 | 271 | 0.01 | < 0.005 | — | 272 |
| Paving | — | 0.05 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.02 | 0.01 | 0.08 | 0.35 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 44.8 | 44.8 | < 0.005 | < 0.005 | — | 45.0 |
| Paving | — | 0.01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Worker | 0.13 | 0.12 | 0.15 | 1.45 | 0.00 | 0.00 | 0.31 | 0.31 | 0.00 | 0.07 | 0.07 | — | 316 | 316 | 0.02 | 0.01 | 0.04 | 320 |
| Vendor | 0.01 | 0.01 | 0.21 | 0.09 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 195 | 195 | < 0.005 | 0.03 | 0.01 | 203 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.02 | 0.01 | 0.02 | 0.19 | 0.00 | 0.00 | 0.04 | 0.04 | 0.00 | 0.01 | 0.01 | — | 38.9 | 38.9 | < 0.005 | < 0.005 | 0.07 | 39.4 |
| Vendor | < 0.005 | < 0.005 | 0.03 | 0.01 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 23.3 | 23.3 | < 0.005 | < 0.005 | 0.03 | 24.2 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.04 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 6.44 | 6.44 | < 0.005 | < 0.005 | 0.01 | 6.53 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 3.85 | 3.85 | < 0.005 | < 0.005 | < 0.005 | 4.01 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.13. Offsite Paving (Continual and Final) (2025) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.43 | 1.20 | 11.2 | 15.0 | 0.02 | 0.52 | — | 0.52 | 0.48 | — | 0.48 | — | 2,267 | 2,267 | 0.09 | 0.02 | — | 2,275 |
| Paving | — | 0.40 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.43 | 1.20 | 11.2 | 15.0 | 0.02 | 0.52 | — | 0.52 | 0.48 | — | 0.48 | — | 2,267 | 2,267 | 0.09 | 0.02 | — | 2,275 |

| | | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|---------|---------|------|------|---------|------|------|---|-------|-------|---------|---------|------|-------|
| Paving | — | 0.40 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.74 | 0.62 | 5.80 | 7.76 | 0.01 | 0.27 | — | 0.27 | 0.25 | — | 0.25 | — | 1,176 | 1,176 | 0.05 | 0.01 | — | 1,180 |
| Paving | — | 0.20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.14 | 0.11 | 1.06 | 1.42 | < 0.005 | 0.05 | — | 0.05 | 0.05 | — | 0.05 | — | 195 | 195 | 0.01 | < 0.005 | — | 195 |
| Paving | — | 0.04 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.14 | 0.13 | 0.12 | 1.99 | 0.00 | 0.00 | 0.31 | 0.31 | 0.00 | 0.07 | 0.07 | — | 350 | 350 | 0.01 | 0.01 | 1.28 | 355 |
| Vendor | 0.01 | 0.01 | 0.19 | 0.08 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 191 | 191 | < 0.005 | 0.03 | 0.52 | 199 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.12 | 0.11 | 0.13 | 1.34 | 0.00 | 0.00 | 0.31 | 0.31 | 0.00 | 0.07 | 0.07 | — | 310 | 310 | 0.02 | 0.01 | 0.03 | 314 |
| Vendor | 0.01 | 0.01 | 0.21 | 0.09 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 191 | 191 | < 0.005 | 0.03 | 0.01 | 199 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.06 | 0.06 | 0.07 | 0.78 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 | — | 165 | 165 | 0.01 | 0.01 | 0.29 | 168 |

| | | | | | | | | | | | | | | | | | | |
|---------|---------|---------|------|------|---------|---------|---------|------|---------|---------|---------|---|------|------|---------|---------|------|------|
| Vendor | < 0.005 | < 0.005 | 0.11 | 0.04 | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | 0.01 | 0.01 | — | 99.2 | 99.2 | < 0.005 | 0.01 | 0.12 | 103 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.01 | 0.14 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 | — | 27.4 | 27.4 | < 0.005 | < 0.005 | 0.05 | 27.8 |
| Vendor | < 0.005 | < 0.005 | 0.02 | 0.01 | < 0.005 | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 16.4 | 16.4 | < 0.005 | < 0.005 | 0.02 | 17.1 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.14. Offsite Paving (Continual and Final) (2025) - Mitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.66 | 0.59 | 3.57 | 15.9 | 0.02 | 0.16 | — | 0.16 | 0.15 | — | 0.15 | — | 2,267 | 2,267 | 0.09 | 0.02 | — | 2,275 |
| Paving | — | 0.40 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.66 | 0.59 | 3.57 | 15.9 | 0.02 | 0.16 | — | 0.16 | 0.15 | — | 0.15 | — | 2,267 | 2,267 | 0.09 | 0.02 | — | 2,275 |
| Paving | — | 0.40 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.34 | 0.30 | 1.85 | 8.25 | 0.01 | 0.08 | — | 0.08 | 0.08 | — | 0.08 | — | 1,176 | 1,176 | 0.05 | 0.01 | — | 1,180 |

| | | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|------|------|---------|---------|---------|------|---------|---------|---------|---|------|------|---------|---------|------|------|
| Paving | — | 0.20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.06 | 0.06 | 0.34 | 1.51 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 195 | 195 | 0.01 | < 0.005 | — | 195 |
| Paving | — | 0.04 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.14 | 0.13 | 0.12 | 1.99 | 0.00 | 0.00 | 0.31 | 0.31 | 0.00 | 0.07 | 0.07 | — | 350 | 350 | 0.01 | 0.01 | 1.28 | 355 |
| Vendor | 0.01 | 0.01 | 0.19 | 0.08 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 191 | 191 | < 0.005 | 0.03 | 0.52 | 199 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.12 | 0.11 | 0.13 | 1.34 | 0.00 | 0.00 | 0.31 | 0.31 | 0.00 | 0.07 | 0.07 | — | 310 | 310 | 0.02 | 0.01 | 0.03 | 314 |
| Vendor | 0.01 | 0.01 | 0.21 | 0.09 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 191 | 191 | < 0.005 | 0.03 | 0.01 | 199 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.06 | 0.06 | 0.07 | 0.78 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 | — | 165 | 165 | 0.01 | 0.01 | 0.29 | 168 |
| Vendor | < 0.005 | < 0.005 | 0.11 | 0.04 | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | 0.01 | 0.01 | — | 99.2 | 99.2 | < 0.005 | 0.01 | 0.12 | 103 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.01 | 0.14 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 | — | 27.4 | 27.4 | < 0.005 | < 0.005 | 0.05 | 27.8 |
| Vendor | < 0.005 | < 0.005 | 0.02 | 0.01 | < 0.005 | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 16.4 | 16.4 | < 0.005 | < 0.005 | 0.02 | 17.1 |

| | | | | | | | | | | | | | | | | | | | |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|

3.15. Testing (2025) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-------------------------|------|------|------|------|---------|---------|-------|---------|---------|--------|---------|------|-------|------|---------|---------|------|------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.41 | 0.34 | 3.27 | 3.53 | 0.01 | 0.09 | — | 0.09 | 0.08 | — | 0.08 | — | 534 | 534 | 0.02 | < 0.005 | — | 536 |
| Architect ural Coatings | — | 21.9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.41 | 0.34 | 3.27 | 3.53 | 0.01 | 0.09 | — | 0.09 | 0.08 | — | 0.08 | — | 534 | 534 | 0.02 | < 0.005 | — | 536 |
| Architect ural Coatings | — | 21.9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.01 | 0.01 | 0.05 | 0.06 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 8.78 | 8.78 | < 0.005 | < 0.005 | — | 8.81 |
| Architect ural Coatings | — | 0.36 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

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|------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|------|------|---------|---------|---------|------|------|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | — | 1.45 | 1.45 | < 0.005 | < 0.005 | — | 1.46 |
| Architectural Coatings | — | 0.07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.11 | 0.10 | 0.09 | 1.49 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 263 | 263 | 0.01 | 0.01 | 0.96 | 266 | |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.09 | 0.08 | 0.10 | 1.00 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 232 | 232 | 0.01 | 0.01 | 0.02 | 235 | |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.02 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 3.93 | 3.93 | < 0.005 | < 0.005 | 0.01 | 3.99 | |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 0.65 | 0.65 | < 0.005 | < 0.005 | < 0.005 | 0.66 | |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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|---------|------|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|

3.16. Testing (2025) - Mitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-------------------------|------|------|------|------|---------|---------|-------|---------|---------|--------|---------|------|-------|------|---------|---------|------|------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.41 | 0.34 | 3.27 | 3.53 | 0.01 | 0.09 | — | 0.09 | 0.08 | — | 0.08 | — | 534 | 534 | 0.02 | < 0.005 | — | 536 |
| Architect ural Coatings | — | 9.58 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.41 | 0.34 | 3.27 | 3.53 | 0.01 | 0.09 | — | 0.09 | 0.08 | — | 0.08 | — | 534 | 534 | 0.02 | < 0.005 | — | 536 |
| Architect ural Coatings | — | 9.58 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.01 | 0.01 | 0.05 | 0.06 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 8.78 | 8.78 | < 0.005 | < 0.005 | — | 8.81 |
| Architect ural Coatings | — | 0.16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

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|------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|------|------|---------|---------|---------|------|------|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | — | 1.45 | 1.45 | < 0.005 | < 0.005 | — | 1.46 |
| Architectural Coatings | — | 0.03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.11 | 0.10 | 0.09 | 1.49 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 263 | 263 | 0.01 | 0.01 | 0.96 | 266 | |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.09 | 0.08 | 0.10 | 1.00 | 0.00 | 0.00 | 0.24 | 0.24 | 0.00 | 0.06 | 0.06 | — | 232 | 232 | 0.01 | 0.01 | 0.02 | 235 | |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.02 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 3.93 | 3.93 | < 0.005 | < 0.005 | 0.01 | 3.99 | |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 0.65 | 0.65 | < 0.005 | < 0.005 | < 0.005 | 0.66 | |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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|---------|------|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|

3.17. Architectural Coating (2025) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e | |
|-------------------------|------|------|------|------|---------|---------|-------|---------|---------|--------|---------|------|-------|------|---------|---------|------|------|------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.57 | 0.47 | 4.27 | 5.17 | 0.01 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 733 | 733 | 0.03 | 0.01 | — | 735 | |
| Architect ural Coatings | — | 25.9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.57 | 0.47 | 4.27 | 5.17 | 0.01 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 733 | 733 | 0.03 | 0.01 | — | 735 | |
| Architect ural Coatings | — | 25.9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.02 | 0.02 | 0.15 | 0.18 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 26.1 | 26.1 | < 0.005 | < 0.005 | — | 26.2 | |
| Architect ural Coatings | — | 0.92 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | | |
|------------------------|---------|---------|------|------|---------|---------|------|---------|---------|---------|---------|------|-------|-------|---------|---------|---------|-------|------|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | — | 4.32 | 4.32 | < 0.005 | < 0.005 | — | 4.34 |
| Architectural Coatings | — | 0.17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.37 | 1.26 | 1.12 | 19.1 | 0.00 | 0.00 | 3.01 | 3.01 | 0.00 | 0.70 | 0.70 | — | 3,355 | 3,355 | 0.13 | 0.11 | 12.3 | 3,405 | |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.15 | 1.03 | 1.22 | 12.8 | 0.00 | 0.00 | 3.01 | 3.01 | 0.00 | 0.70 | 0.70 | — | 2,970 | 2,970 | 0.14 | 0.11 | 0.32 | 3,008 | |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.04 | 0.04 | 0.05 | 0.51 | 0.00 | 0.00 | 0.11 | 0.11 | 0.00 | 0.03 | 0.03 | — | 109 | 109 | 0.01 | < 0.005 | 0.19 | 110 | |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.01 | 0.09 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | < 0.005 | < 0.005 | — | 18.0 | 18.0 | < 0.005 | < 0.005 | 0.03 | 18.3 | |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|

3.18. Architectural Coating (2025) - Mitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e | |
|-------------------------|------|------|------|------|---------|---------|-------|---------|---------|--------|---------|------|-------|------|---------|---------|------|------|------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.57 | 0.47 | 4.27 | 5.17 | 0.01 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 733 | 733 | 0.03 | 0.01 | — | 735 | |
| Architect ural Coatings | — | 11.4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.57 | 0.47 | 4.27 | 5.17 | 0.01 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 733 | 733 | 0.03 | 0.01 | — | 735 | |
| Architect ural Coatings | — | 11.4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.02 | 0.02 | 0.15 | 0.18 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 26.1 | 26.1 | < 0.005 | < 0.005 | — | 26.2 | |
| Architect ural Coatings | — | 0.40 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | | |
|------------------------|---------|---------|------|------|---------|---------|------|---------|---------|---------|---------|------|-------|-------|---------|---------|---------|-------|------|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | — | 4.32 | 4.32 | < 0.005 | < 0.005 | — | 4.34 |
| Architectural Coatings | — | 0.07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.37 | 1.26 | 1.12 | 19.1 | 0.00 | 0.00 | 3.01 | 3.01 | 0.00 | 0.70 | 0.70 | — | 3,355 | 3,355 | 0.13 | 0.11 | 12.3 | 3,405 | |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.15 | 1.03 | 1.22 | 12.8 | 0.00 | 0.00 | 3.01 | 3.01 | 0.00 | 0.70 | 0.70 | — | 2,970 | 2,970 | 0.14 | 0.11 | 0.32 | 3,008 | |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.04 | 0.04 | 0.05 | 0.51 | 0.00 | 0.00 | 0.11 | 0.11 | 0.00 | 0.03 | 0.03 | — | 109 | 109 | 0.01 | < 0.005 | 0.19 | 110 | |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.01 | 0.09 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | < 0.005 | < 0.005 | — | 18.0 | 18.0 | < 0.005 | < 0.005 | 0.03 | 18.3 | |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |

| | | | | | | | | | | | | | | | | | | | |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|

3.19. Offsite Architectural Coating (Striping) (2024) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|------------------------|------|------|------|------|---------|---------|-------|---------|---------|--------|---------|------|-------|------|---------|---------|------|------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.66 | 0.55 | 3.63 | 4.59 | 0.01 | 0.13 | — | 0.13 | 0.12 | — | 0.12 | — | 534 | 534 | 0.02 | < 0.005 | — | 536 |
| Architectural Coatings | — | 26.2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.08 | 0.07 | 0.43 | 0.55 | < 0.005 | 0.02 | — | 0.02 | 0.01 | — | 0.01 | — | 63.8 | 63.8 | < 0.005 | < 0.005 | — | 64.0 |
| Architectural Coatings | — | 3.13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.01 | 0.01 | 0.08 | 0.10 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 10.6 | 10.6 | < 0.005 | < 0.005 | — | 10.6 |

| | | | | | | | | | | | | | | | | | | |
|------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Architectural Coatings | — | 0.57 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.07 | 0.06 | 0.07 | 0.73 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 | — | 158 | 158 | 0.01 | 0.01 | 0.02 | 160 |
| Vendor | 0.01 | 0.01 | 0.21 | 0.09 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 195 | 195 | < 0.005 | 0.03 | 0.01 | 203 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.01 | 0.10 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | < 0.005 | < 0.005 | — | 19.4 | 19.4 | < 0.005 | < 0.005 | 0.04 | 19.7 |
| Vendor | < 0.005 | < 0.005 | 0.03 | 0.01 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 23.3 | 23.3 | < 0.005 | < 0.005 | 0.03 | 24.2 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.02 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 3.22 | 3.22 | < 0.005 | < 0.005 | 0.01 | 3.26 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 3.85 | 3.85 | < 0.005 | < 0.005 | < 0.005 | 4.01 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.20. Offsite Architectural Coating (Striping) (2024) - Mitigated

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

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

| | | | | | | | | | | | | | | | | | | |
|------------------------|------|------|------|------|---------|---------|------|---------|---------|------|---------|---|------|------|---------|---------|------|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.66 | 0.55 | 3.63 | 4.59 | 0.01 | 0.13 | — | 0.13 | 0.12 | — | 0.12 | — | 534 | 534 | 0.02 | < 0.005 | — | 536 |
| Architectural Coatings | — | 11.5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.08 | 0.07 | 0.43 | 0.55 | < 0.005 | 0.02 | — | 0.02 | 0.01 | — | 0.01 | — | 63.8 | 63.8 | < 0.005 | < 0.005 | — | 64.0 |
| Architectural Coatings | — | 1.37 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.01 | 0.01 | 0.08 | 0.10 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 10.6 | 10.6 | < 0.005 | < 0.005 | — | 10.6 |
| Architectural Coatings | — | 0.25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.07 | 0.06 | 0.07 | 0.73 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 | — | 158 | 158 | 0.01 | 0.01 | 0.02 | 160 |
| Vendor | 0.01 | 0.01 | 0.21 | 0.09 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 195 | 195 | < 0.005 | 0.03 | 0.01 | 203 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.01 | 0.10 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | < 0.005 | < 0.005 | — | 19.4 | 19.4 | < 0.005 | < 0.005 | 0.04 | 19.7 |
| Vendor | < 0.005 | < 0.005 | 0.03 | 0.01 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 23.3 | 23.3 | < 0.005 | < 0.005 | 0.03 | 24.2 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.02 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 3.22 | 3.22 | < 0.005 | < 0.005 | 0.01 | 3.26 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 3.85 | 3.85 | < 0.005 | < 0.005 | < 0.005 | 4.01 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.21. Offsite Architectural Coating (Striping) (2025) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|------|------|---------|------|------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.62 | 0.51 | 3.53 | 4.56 | 0.01 | 0.11 | — | 0.11 | 0.10 | — | 0.10 | — | 534 | 534 | 0.02 | < 0.005 | — | 536 |
| Architect ural Coatings | — | 26.2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|------------------------|------|------|------|------|---------|---------|------|------|---------|------|------|---|------|------|---------|---------|------|------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.62 | 0.51 | 3.53 | 4.56 | 0.01 | 0.11 | — | 0.11 | 0.10 | — | 0.10 | — | 534 | 534 | 0.02 | < 0.005 | — | 536 |
| Architectural Coatings | — | 26.2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.33 | 0.27 | 1.88 | 2.43 | < 0.005 | 0.06 | — | 0.06 | 0.05 | — | 0.05 | — | 284 | 284 | 0.01 | < 0.005 | — | 285 |
| Architectural Coatings | — | 14.0 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.06 | 0.05 | 0.34 | 0.44 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 47.1 | 47.1 | < 0.005 | < 0.005 | — | 47.2 |
| Architectural Coatings | — | 2.55 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.07 | 0.07 | 0.06 | 1.00 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 | — | 175 | 175 | 0.01 | 0.01 | 0.64 | 178 |
| Vendor | 0.01 | 0.01 | 0.19 | 0.08 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 191 | 191 | < 0.005 | 0.03 | 0.52 | 199 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|------|------|---------|---------|---------|------|---------|---------|---------|---|------|------|---------|---------|------|------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.06 | 0.05 | 0.06 | 0.67 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 | — | 155 | 155 | 0.01 | 0.01 | 0.02 | 157 |
| Vendor | 0.01 | 0.01 | 0.21 | 0.09 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 191 | 191 | < 0.005 | 0.03 | 0.01 | 199 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.03 | 0.04 | 0.40 | 0.00 | 0.00 | 0.08 | 0.08 | 0.00 | 0.02 | 0.02 | — | 84.9 | 84.9 | < 0.005 | < 0.005 | 0.15 | 86.1 |
| Vendor | < 0.005 | < 0.005 | 0.11 | 0.05 | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | 0.01 | 0.01 | — | 102 | 102 | < 0.005 | 0.01 | 0.12 | 106 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.01 | 0.07 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | < 0.005 | < 0.005 | — | 14.1 | 14.1 | < 0.005 | < 0.005 | 0.02 | 14.3 |
| Vendor | < 0.005 | < 0.005 | 0.02 | 0.01 | < 0.005 | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 16.9 | 16.9 | < 0.005 | < 0.005 | 0.02 | 17.5 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.22. Offsite Architectural Coating (Striping) (2025) - Mitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|------|------|---------|------|------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.62 | 0.51 | 3.53 | 4.56 | 0.01 | 0.11 | — | 0.11 | 0.10 | — | 0.10 | — | 534 | 534 | 0.02 | < 0.005 | — | 536 |
| Architect ural Coatings | — | 11.5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|------------------------|------|------|------|------|---------|---------|------|------|---------|------|------|---|------|------|---------|---------|------|------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.62 | 0.51 | 3.53 | 4.56 | 0.01 | 0.11 | — | 0.11 | 0.10 | — | 0.10 | — | 534 | 534 | 0.02 | < 0.005 | — | 536 |
| Architectural Coatings | — | 11.5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.33 | 0.27 | 1.88 | 2.43 | < 0.005 | 0.06 | — | 0.06 | 0.05 | — | 0.05 | — | 284 | 284 | 0.01 | < 0.005 | — | 285 |
| Architectural Coatings | — | 6.12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.06 | 0.05 | 0.34 | 0.44 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 47.1 | 47.1 | < 0.005 | < 0.005 | — | 47.2 |
| Architectural Coatings | — | 1.12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.07 | 0.07 | 0.06 | 1.00 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 | — | 175 | 175 | 0.01 | 0.01 | 0.64 | 178 |
| Vendor | 0.01 | 0.01 | 0.19 | 0.08 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 191 | 191 | < 0.005 | 0.03 | 0.52 | 199 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|------|------|---------|---------|---------|------|---------|---------|---------|---|------|------|---------|---------|------|------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.06 | 0.05 | 0.06 | 0.67 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 | — | 155 | 155 | 0.01 | 0.01 | 0.02 | 157 |
| Vendor | 0.01 | 0.01 | 0.21 | 0.09 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 191 | 191 | < 0.005 | 0.03 | 0.01 | 199 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.03 | 0.04 | 0.40 | 0.00 | 0.00 | 0.08 | 0.08 | 0.00 | 0.02 | 0.02 | — | 84.9 | 84.9 | < 0.005 | < 0.005 | 0.15 | 86.1 |
| Vendor | < 0.005 | < 0.005 | 0.11 | 0.05 | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | 0.01 | 0.01 | — | 102 | 102 | < 0.005 | 0.01 | 0.12 | 106 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.01 | 0.07 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | < 0.005 | < 0.005 | — | 14.1 | 14.1 | < 0.005 | < 0.005 | 0.02 | 14.3 |
| Vendor | < 0.005 | < 0.005 | 0.02 | 0.01 | < 0.005 | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 16.9 | 16.9 | < 0.005 | < 0.005 | 0.02 | 17.5 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.23. Offsite Road Removal/Utility Install (2024) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|---|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.81 | 1.50 | 12.8 | 15.7 | 0.02 | 0.48 | — | 0.48 | 0.44 | — | 0.44 | — | 2,274 | 2,274 | 0.09 | 0.02 | — | 2,282 |

| | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|---------|---------|------|------|---------|------|------|---|-------|-------|---------|---------|------|-------|
| Dust From Material Movement: | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.22 | 0.18 | 1.53 | 1.87 | < 0.005 | 0.06 | — | 0.06 | 0.05 | — | 0.05 | — | 271 | 271 | 0.01 | < 0.005 | — | 272 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.04 | 0.03 | 0.28 | 0.34 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 44.9 | 44.9 | < 0.005 | < 0.005 | — | 45.1 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.27 | 0.24 | 0.30 | 2.91 | 0.00 | 0.00 | 0.63 | 0.63 | 0.00 | 0.15 | 0.15 | — | 633 | 633 | 0.03 | 0.02 | 0.07 | 641 |
| Vendor | 0.01 | 0.01 | 0.21 | 0.09 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 195 | 195 | < 0.005 | 0.03 | 0.01 | 203 |
| Hauling | 0.04 | 0.03 | 1.82 | 0.39 | 0.01 | 0.03 | 0.40 | 0.43 | 0.03 | 0.10 | 0.13 | — | 1,534 | 1,534 | < 0.005 | 0.24 | 0.08 | 1,606 |

| | | | | | | | | | | | | | | | | | | |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.03 | 0.04 | 0.39 | 0.00 | 0.00 | 0.07 | 0.07 | 0.00 | 0.02 | 0.02 | — | 77.8 | 77.8 | < 0.005 | < 0.005 | 0.14 | 78.9 |
| Vendor | < 0.005 | < 0.005 | 0.03 | 0.01 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 23.3 | 23.3 | < 0.005 | < 0.005 | 0.03 | 24.2 |
| Hauling | 0.01 | < 0.005 | 0.22 | 0.05 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 183 | 183 | < 0.005 | 0.03 | 0.17 | 192 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.01 | 0.07 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 12.9 | 12.9 | < 0.005 | < 0.005 | 0.02 | 13.1 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 3.85 | 3.85 | < 0.005 | < 0.005 | < 0.005 | 4.01 |
| Hauling | < 0.005 | < 0.005 | 0.04 | 0.01 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 30.3 | 30.3 | < 0.005 | < 0.005 | 0.03 | 31.7 |

3.24. Offsite Road Removal/Utility Install (2024) - Mitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|---------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.47 | 1.23 | 9.61 | 16.0 | 0.02 | 0.33 | — | 0.33 | 0.31 | — | 0.31 | — | 2,274 | 2,274 | 0.09 | 0.02 | — | 2,282 |
| Dust From Material Movement | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.18 | 0.15 | 1.15 | 1.91 | < 0.005 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 271 | 271 | 0.01 | < 0.005 | — | 272 |

| | | | | | | | | | | | | | | | | | | |
|------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|-------|-------|---------|---------|---------|-------|
| Dust From Material Movement: | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.03 | 0.03 | 0.21 | 0.35 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 44.9 | 44.9 | < 0.005 | < 0.005 | — | 45.1 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.27 | 0.24 | 0.30 | 2.91 | 0.00 | 0.00 | 0.63 | 0.63 | 0.00 | 0.15 | 0.15 | — | 633 | 633 | 0.03 | 0.02 | 0.07 | 641 |
| Vendor | 0.01 | 0.01 | 0.21 | 0.09 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 195 | 195 | < 0.005 | 0.03 | 0.01 | 203 |
| Hauling | 0.04 | 0.03 | 1.82 | 0.39 | 0.01 | 0.03 | 0.40 | 0.43 | 0.03 | 0.10 | 0.13 | — | 1,534 | 1,534 | < 0.005 | 0.24 | 0.08 | 1,606 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.03 | 0.04 | 0.39 | 0.00 | 0.00 | 0.07 | 0.07 | 0.00 | 0.02 | 0.02 | — | 77.8 | 77.8 | < 0.005 | < 0.005 | 0.14 | 78.9 |
| Vendor | < 0.005 | < 0.005 | 0.03 | 0.01 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 23.3 | 23.3 | < 0.005 | < 0.005 | 0.03 | 24.2 |
| Hauling | 0.01 | < 0.005 | 0.22 | 0.05 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 183 | 183 | < 0.005 | 0.03 | 0.17 | 192 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.01 | 0.07 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 12.9 | 12.9 | < 0.005 | < 0.005 | 0.02 | 13.1 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 3.85 | 3.85 | < 0.005 | < 0.005 | < 0.005 | 4.01 |

| | | | | | | | | | | | | | | | | | | |
|---------|---------|---------|------|------|---------|---------|------|------|---------|---------|---------|---|------|------|---------|---------|------|------|
| Hauling | < 0.005 | < 0.005 | 0.04 | 0.01 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 30.3 | 30.3 | < 0.005 | < 0.005 | 0.03 | 31.7 |
|---------|---------|---------|------|------|---------|---------|------|------|---------|---------|---------|---|------|------|---------|---------|------|------|

3.25. Offsite Road Removal/Utility Install (2025) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.71 | 1.42 | 12.3 | 15.6 | 0.02 | 0.41 | — | 0.41 | 0.38 | — | 0.38 | — | 2,274 | 2,274 | 0.09 | 0.02 | — | 2,282 |
| Dust From Material Movement | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.71 | 1.42 | 12.3 | 15.6 | 0.02 | 0.41 | — | 0.41 | 0.38 | — | 0.38 | — | 2,274 | 2,274 | 0.09 | 0.02 | — | 2,282 |
| Dust From Material Movement | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.51 | 0.43 | 3.71 | 4.70 | 0.01 | 0.12 | — | 0.12 | 0.11 | — | 0.11 | — | 685 | 685 | 0.03 | 0.01 | — | 688 |

| | | | | | | | | | | | | | | | | | | |
|------------------------------|---------|---------|------|------|---------|---------|------|------|---------|---------|------|---|-------|-------|---------|---------|------|-------|
| Dust From Material Movement: | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Off-Road Equipment | 0.09 | 0.08 | 0.68 | 0.86 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 113 | 113 | < 0.005 | < 0.005 | — | 114 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.29 | 0.26 | 0.23 | 3.99 | 0.00 | 0.00 | 0.63 | 0.63 | 0.00 | 0.15 | 0.15 | — | 700 | 700 | 0.03 | 0.02 | 2.56 | 711 |
| Vendor | 0.01 | 0.01 | 0.19 | 0.08 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 191 | 191 | < 0.005 | 0.03 | 0.52 | 199 |
| Hauling | 0.04 | 0.03 | 1.68 | 0.37 | 0.01 | 0.03 | 0.40 | 0.43 | 0.03 | 0.10 | 0.13 | — | 1,501 | 1,501 | < 0.005 | 0.24 | 3.23 | 1,576 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.24 | 0.21 | 0.25 | 2.68 | 0.00 | 0.00 | 0.63 | 0.63 | 0.00 | 0.15 | 0.15 | — | 620 | 620 | 0.03 | 0.02 | 0.07 | 628 |
| Vendor | 0.01 | 0.01 | 0.21 | 0.09 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 191 | 191 | < 0.005 | 0.03 | 0.01 | 199 |
| Hauling | 0.03 | 0.03 | 1.78 | 0.38 | 0.01 | 0.03 | 0.40 | 0.43 | 0.03 | 0.10 | 0.13 | — | 1,502 | 1,502 | < 0.005 | 0.24 | 0.08 | 1,574 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.07 | 0.07 | 0.08 | 0.90 | 0.00 | 0.00 | 0.19 | 0.19 | 0.00 | 0.04 | 0.04 | — | 192 | 192 | 0.01 | 0.01 | 0.33 | 195 |
| Vendor | < 0.005 | < 0.005 | 0.06 | 0.03 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | 0.01 | — | 57.6 | 57.6 | < 0.005 | 0.01 | 0.07 | 60.0 |
| Hauling | 0.01 | 0.01 | 0.54 | 0.11 | < 0.005 | 0.01 | 0.12 | 0.13 | 0.01 | 0.03 | 0.04 | — | 453 | 453 | < 0.005 | 0.07 | 0.42 | 475 |

| | | | | | | | | | | | | | | | | | | |
|---------|---------|---------|------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|------|------|
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.02 | 0.16 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 | — | 31.8 | 31.8 | < 0.005 | < 0.005 | 0.06 | 32.3 |
| Vendor | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 9.54 | 9.54 | < 0.005 | < 0.005 | 0.01 | 9.93 |
| Hauling | < 0.005 | < 0.005 | 0.10 | 0.02 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | 0.01 | 0.01 | — | 74.9 | 74.9 | < 0.005 | 0.01 | 0.07 | 78.6 |

3.26. Offsite Road Removal/Utility Install (2025) - Mitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|------------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.41 | 1.18 | 9.42 | 16.0 | 0.02 | 0.30 | — | 0.30 | 0.28 | — | 0.28 | — | 2,274 | 2,274 | 0.09 | 0.02 | — | 2,282 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.41 | 1.18 | 9.42 | 16.0 | 0.02 | 0.30 | — | 0.30 | 0.28 | — | 0.28 | — | 2,274 | 2,274 | 0.09 | 0.02 | — | 2,282 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|-----------------------------|------|------|------|------|---------|---------|------|------|---------|------|------|---|-------|-------|---------|---------|------|-------|
| Off-Road Equipment | 0.42 | 0.36 | 2.84 | 4.81 | 0.01 | 0.09 | — | 0.09 | 0.08 | — | 0.08 | — | 685 | 685 | 0.03 | 0.01 | — | 688 |
| Dust From Material Movement | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.08 | 0.06 | 0.52 | 0.88 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 113 | 113 | < 0.005 | < 0.005 | — | 114 |
| Dust From Material Movement | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.29 | 0.26 | 0.23 | 3.99 | 0.00 | 0.00 | 0.63 | 0.63 | 0.00 | 0.15 | 0.15 | — | 700 | 700 | 0.03 | 0.02 | 2.56 | 711 |
| Vendor | 0.01 | 0.01 | 0.19 | 0.08 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 191 | 191 | < 0.005 | 0.03 | 0.52 | 199 |
| Hauling | 0.04 | 0.03 | 1.68 | 0.37 | 0.01 | 0.03 | 0.40 | 0.43 | 0.03 | 0.10 | 0.13 | — | 1,501 | 1,501 | < 0.005 | 0.24 | 3.23 | 1,576 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.24 | 0.21 | 0.25 | 2.68 | 0.00 | 0.00 | 0.63 | 0.63 | 0.00 | 0.15 | 0.15 | — | 620 | 620 | 0.03 | 0.02 | 0.07 | 628 |
| Vendor | 0.01 | 0.01 | 0.21 | 0.09 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 191 | 191 | < 0.005 | 0.03 | 0.01 | 199 |
| Hauling | 0.03 | 0.03 | 1.78 | 0.38 | 0.01 | 0.03 | 0.40 | 0.43 | 0.03 | 0.10 | 0.13 | — | 1,502 | 1,502 | < 0.005 | 0.24 | 0.08 | 1,574 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.07 | 0.07 | 0.08 | 0.90 | 0.00 | 0.00 | 0.19 | 0.19 | 0.00 | 0.04 | 0.04 | — | 192 | 192 | 0.01 | 0.01 | 0.33 | 195 |

| | | | | | | | | | | | | | | | | | | |
|---------|---------|---------|------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|------|------|
| Vendor | < 0.005 | < 0.005 | 0.06 | 0.03 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | 0.01 | — | 57.6 | 57.6 | < 0.005 | 0.01 | 0.07 | 60.0 |
| Hauling | 0.01 | 0.01 | 0.54 | 0.11 | < 0.005 | 0.01 | 0.12 | 0.13 | 0.01 | 0.03 | 0.04 | — | 453 | 453 | < 0.005 | 0.07 | 0.42 | 475 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.02 | 0.16 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 | — | 31.8 | 31.8 | < 0.005 | < 0.005 | 0.06 | 32.3 |
| Vendor | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 9.54 | 9.54 | < 0.005 | < 0.005 | 0.01 | 9.93 |
| Hauling | < 0.005 | < 0.005 | 0.10 | 0.02 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | 0.01 | 0.01 | — | 74.9 | 74.9 | < 0.005 | 0.01 | 0.07 | 78.6 |

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|---------|---------|------|------|------|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 1.05 | 0.95 | 14.9 | 9.59 | 0.17 | 0.32 | 6.52 | 6.84 | 0.31 | 1.72 | 2.03 | — | 17,405 | 17,405 | 0.08 | 2.30 | 49.7 | 18,142 |
| Unrefrigerated Warehouse-Rail | 5.65 | 5.00 | 101 | 44.0 | 0.96 | 2.15 | 38.6 | 40.8 | 2.06 | 10.3 | 12.3 | — | 101,098 | 101,098 | 0.37 | 13.9 | 343 | 105,587 |
| General Heavy Industry | 6.78 | 6.14 | 67.2 | 60.7 | 0.72 | 1.39 | 33.7 | 35.1 | 1.33 | 8.86 | 10.2 | — | 74,835 | 74,835 | 0.46 | 9.08 | 267 | 77,819 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|---------|---------|------|------|------|---------|------|
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 13.5 | 12.1 | 183 | 114 | 1.85 | 3.86 | 78.8 | 82.7 | 3.69 | 20.9 | 24.6 | — | 193,338 | 193,338 | 0.90 | 25.3 | 660 | 201,548 | |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Unrefrigerated Warehouse-No Rail | 0.98 | 0.87 | 15.7 | 7.69 | 0.16 | 0.32 | 6.52 | 6.84 | 0.31 | 1.72 | 2.03 | — | 17,214 | 17,214 | 0.08 | 2.30 | 1.29 | 17,904 | |
| Unrefrigerated Warehouse-Rail | 5.37 | 4.72 | 106 | 37.9 | 0.96 | 2.15 | 38.6 | 40.8 | 2.06 | 10.3 | 12.3 | — | 100,500 | 100,500 | 0.38 | 13.9 | 8.90 | 104,661 | |
| General Heavy Industry | 6.30 | 5.66 | 70.8 | 48.1 | 0.70 | 1.39 | 33.7 | 35.1 | 1.33 | 8.86 | 10.2 | — | 73,571 | 73,571 | 0.48 | 9.11 | 6.94 | 76,304 | |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Total | 12.6 | 11.3 | 193 | 93.7 | 1.82 | 3.87 | 78.8 | 82.7 | 3.69 | 20.9 | 24.6 | — | 191,285 | 191,285 | 0.94 | 25.3 | 17.1 | 198,869 | |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Unrefrigerated Warehouse-No Rail | 0.18 | 0.16 | 2.91 | 1.50 | 0.03 | 0.06 | 1.19 | 1.25 | 0.06 | 0.31 | 0.37 | — | 2,857 | 2,857 | 0.01 | 0.38 | 3.55 | 2,975 | |
| Unrefrigerated Warehouse-Rail | 0.99 | 0.87 | 19.6 | 7.19 | 0.17 | 0.39 | 7.04 | 7.43 | 0.38 | 1.87 | 2.25 | — | 16,660 | 16,660 | 0.06 | 2.30 | 24.5 | 17,372 | |

| | | | | | | | | | | | | | | | | | | |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|---|--------|--------|------|------|------|--------|
| General Heavy Industry | 1.16 | 1.04 | 13.1 | 9.40 | 0.13 | 0.25 | 6.14 | 6.40 | 0.24 | 1.62 | 1.86 | — | 12,227 | 12,227 | 0.08 | 1.51 | 19.1 | 12,698 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 2.33 | 2.08 | 35.6 | 18.1 | 0.33 | 0.71 | 14.4 | 15.1 | 0.67 | 3.80 | 4.48 | — | 31,745 | 31,745 | 0.16 | 4.19 | 47.2 | 33,045 |

4.1.2. Mitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|---------|---------|------|------|------|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 1.05 | 0.95 | 14.9 | 9.59 | 0.17 | 0.32 | 6.52 | 6.84 | 0.31 | 1.72 | 2.03 | — | 17,405 | 17,405 | 0.08 | 2.30 | 49.7 | 18,142 |
| Unrefrigerated Warehouse-Rail | 5.65 | 5.00 | 101 | 44.0 | 0.96 | 2.15 | 38.6 | 40.8 | 2.06 | 10.3 | 12.3 | — | 101,098 | 101,098 | 0.37 | 13.9 | 343 | 105,587 |
| General Heavy Industry | 6.78 | 6.14 | 67.2 | 60.7 | 0.72 | 1.39 | 33.7 | 35.1 | 1.33 | 8.86 | 10.2 | — | 74,835 | 74,835 | 0.46 | 9.08 | 267 | 77,819 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 13.5 | 12.1 | 183 | 114 | 1.85 | 3.86 | 78.8 | 82.7 | 3.69 | 20.9 | 24.6 | — | 193,338 | 193,338 | 0.90 | 25.3 | 660 | 201,548 |

| | | | | | | | | | | | | | | | | | | |
|----------------------------------|------|------|------|------|------|------|------|------|------|------|------|---|---------|---------|------|------|------|---------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.98 | 0.87 | 15.7 | 7.69 | 0.16 | 0.32 | 6.52 | 6.84 | 0.31 | 1.72 | 2.03 | — | 17,214 | 17,214 | 0.08 | 2.30 | 1.29 | 17,904 |
| Unrefrigerated Warehouse-Rail | 5.37 | 4.72 | 106 | 37.9 | 0.96 | 2.15 | 38.6 | 40.8 | 2.06 | 10.3 | 12.3 | — | 100,500 | 100,500 | 0.38 | 13.9 | 8.90 | 104,661 |
| General Heavy Industry | 6.30 | 5.66 | 70.8 | 48.1 | 0.70 | 1.39 | 33.7 | 35.1 | 1.33 | 8.86 | 10.2 | — | 73,571 | 73,571 | 0.48 | 9.11 | 6.94 | 76,304 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 12.6 | 11.3 | 193 | 93.7 | 1.82 | 3.87 | 78.8 | 82.7 | 3.69 | 20.9 | 24.6 | — | 191,285 | 191,285 | 0.94 | 25.3 | 17.1 | 198,869 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.18 | 0.16 | 2.91 | 1.50 | 0.03 | 0.06 | 1.19 | 1.25 | 0.06 | 0.31 | 0.37 | — | 2,857 | 2,857 | 0.01 | 0.38 | 3.55 | 2,975 |
| Unrefrigerated Warehouse-Rail | 0.99 | 0.87 | 19.6 | 7.19 | 0.17 | 0.39 | 7.04 | 7.43 | 0.38 | 1.87 | 2.25 | — | 16,660 | 16,660 | 0.06 | 2.30 | 24.5 | 17,372 |
| General Heavy Industry | 1.16 | 1.04 | 13.1 | 9.40 | 0.13 | 0.25 | 6.14 | 6.40 | 0.24 | 1.62 | 1.86 | — | 12,227 | 12,227 | 0.08 | 1.51 | 19.1 | 12,698 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|--------|------|------|------|--------|------|
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 2.33 | 2.08 | 35.6 | 18.1 | 0.33 | 0.71 | 14.4 | 15.1 | 0.67 | 3.80 | 4.48 | — | 31,745 | 31,745 | 0.16 | 4.19 | 47.2 | 33,045 | |

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|--------|--------|------|---------|---|--------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 838 | 838 | 0.08 | 0.01 | — | 843 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | 3,303 | 3,303 | 0.31 | 0.04 | — | 3,322 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | 3,673 | 3,673 | 0.35 | 0.04 | — | 3,694 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | 432 | 432 | 0.04 | < 0.005 | — | 435 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| undefined | — | — | — | — | — | — | — | — | — | — | — | — | 8,332 | 8,332 | 0.79 | 0.10 | — | 8,381 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 16,579 | 16,579 | 1.58 | 0.19 | — | 16,675 |

| | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|--------|--------|------|---------|---|--------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 838 | 838 | 0.08 | 0.01 | — | 843 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | 3,303 | 3,303 | 0.31 | 0.04 | — | 3,322 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | 3,673 | 3,673 | 0.35 | 0.04 | — | 3,694 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | 432 | 432 | 0.04 | < 0.005 | — | 435 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| undefined | — | — | — | — | — | — | — | — | — | — | — | — | 8,332 | 8,332 | 0.79 | 0.10 | — | 8,381 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 16,579 | 16,579 | 1.58 | 0.19 | — | 16,675 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 139 | 139 | 0.01 | < 0.005 | — | 140 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | 547 | 547 | 0.05 | 0.01 | — | 550 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | 608 | 608 | 0.06 | 0.01 | — | 612 |

| | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|-------|-------|------|---------|---|-------|
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | 71.6 | 71.6 | 0.01 | < 0.005 | — | 72.0 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| undefined | — | — | — | — | — | — | — | — | — | — | — | — | 1,379 | 1,379 | 0.13 | 0.02 | — | 1,388 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 2,745 | 2,745 | 0.26 | 0.03 | — | 2,761 |

4.2.2. Electricity Emissions By Land Use - Mitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|---------|---------|---------|---------|---|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | < 0.005 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | < 0.005 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| undefined | — | — | — | — | — | — | — | — | — | — | — | — | 8,332 | 8,332 | 0.79 | 0.10 | — | 8,381 |

| | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---------|---------|---------|---------|---|---------|
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 8,332 | 8,332 | 0.79 | 0.10 | — | 8,381 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | < 0.005 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | < 0.005 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| undefined | — | — | — | — | — | — | — | — | — | — | — | — | 8,332 | 8,332 | 0.79 | 0.10 | — | 8,381 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 8,332 | 8,332 | 0.79 | 0.10 | — | 8,381 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | < 0.005 |

| | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---------|---------|---------|---------|---|---------|
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | < 0.005 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| undefined | — | — | — | — | — | — | — | — | — | — | — | — | 1,379 | 1,379 | 0.13 | 0.02 | — | 1,388 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 1,379 | 1,379 | 0.13 | 0.02 | — | 1,388 |

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|---------|---|-------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.11 | 0.05 | 0.98 | 0.82 | 0.01 | 0.07 | — | 0.07 | 0.07 | — | 0.07 | — | 1,166 | 1,166 | 0.10 | < 0.005 | — | 1,169 |
| Unrefrigerated Warehouse-Rail | 0.42 | 0.21 | 3.85 | 3.23 | 0.02 | 0.29 | — | 0.29 | 0.29 | — | 0.29 | — | 4,594 | 4,594 | 0.41 | 0.01 | — | 4,607 |
| General Heavy Industry | 0.51 | 0.26 | 4.68 | 3.93 | 0.03 | 0.36 | — | 0.36 | 0.36 | — | 0.36 | — | 5,580 | 5,580 | 0.49 | 0.01 | — | 5,596 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|----------------------------------|------|------|------|------|---------|------|---|------|------|---|------|---|--------|--------|------|---------|---|--------|
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 11,340 | 11,340 | 1.00 | 0.02 | — | 11,372 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.11 | 0.05 | 0.98 | 0.82 | 0.01 | 0.07 | — | 0.07 | 0.07 | — | 0.07 | — | 1,166 | 1,166 | 0.10 | < 0.005 | — | 1,169 |
| Unrefrigerated Warehouse-Rail | 0.42 | 0.21 | 3.85 | 3.23 | 0.02 | 0.29 | — | 0.29 | 0.29 | — | 0.29 | — | 4,594 | 4,594 | 0.41 | 0.01 | — | 4,607 |
| General Heavy Industry | 0.51 | 0.26 | 4.68 | 3.93 | 0.03 | 0.36 | — | 0.36 | 0.36 | — | 0.36 | — | 5,580 | 5,580 | 0.49 | 0.01 | — | 5,596 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 11,340 | 11,340 | 1.00 | 0.02 | — | 11,372 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.02 | 0.01 | 0.18 | 0.15 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 193 | 193 | 0.02 | < 0.005 | — | 194 |
| Unrefrigerated Warehouse-Rail | 0.08 | 0.04 | 0.70 | 0.59 | < 0.005 | 0.05 | — | 0.05 | 0.05 | — | 0.05 | — | 761 | 761 | 0.07 | < 0.005 | — | 763 |

| | | | | | | | | | | | | | | | | | | |
|------------------------|------|------|------|------|------|------|---|------|------|---|------|---|-------|-------|------|---------|---|-------|
| General Heavy Industry | 0.09 | 0.05 | 0.85 | 0.72 | 0.01 | 0.06 | — | 0.06 | 0.06 | — | 0.06 | — | 924 | 924 | 0.08 | < 0.005 | — | 926 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.19 | 0.10 | 1.73 | 1.46 | 0.01 | 0.13 | — | 0.13 | 0.13 | — | 0.13 | — | 1,877 | 1,877 | 0.17 | < 0.005 | — | 1,883 |

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|---------|---|--------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.11 | 0.05 | 0.98 | 0.82 | 0.01 | 0.07 | — | 0.07 | 0.07 | — | 0.07 | — | 1,166 | 1,166 | 0.10 | < 0.005 | — | 1,169 |
| Unrefrigerated Warehouse-Rail | 0.42 | 0.21 | 3.85 | 3.23 | 0.02 | 0.29 | — | 0.29 | 0.29 | — | 0.29 | — | 4,594 | 4,594 | 0.41 | 0.01 | — | 4,607 |
| General Heavy Industry | 0.51 | 0.26 | 4.68 | 3.93 | 0.03 | 0.36 | — | 0.36 | 0.36 | — | 0.36 | — | 5,580 | 5,580 | 0.49 | 0.01 | — | 5,596 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 11,340 | 11,340 | 1.00 | 0.02 | — | 11,372 |

| | | | | | | | | | | | | | | | | | | |
|----------------------------------|------|------|------|------|---------|------|---|------|------|---|------|---|--------|--------|------|---------|---|--------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.11 | 0.05 | 0.98 | 0.82 | 0.01 | 0.07 | — | 0.07 | 0.07 | — | 0.07 | — | 1,166 | 1,166 | 0.10 | < 0.005 | — | 1,169 |
| Unrefrigerated Warehouse-Rail | 0.42 | 0.21 | 3.85 | 3.23 | 0.02 | 0.29 | — | 0.29 | 0.29 | — | 0.29 | — | 4,594 | 4,594 | 0.41 | 0.01 | — | 4,607 |
| General Heavy Industry | 0.51 | 0.26 | 4.68 | 3.93 | 0.03 | 0.36 | — | 0.36 | 0.36 | — | 0.36 | — | 5,580 | 5,580 | 0.49 | 0.01 | — | 5,596 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 11,340 | 11,340 | 1.00 | 0.02 | — | 11,372 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.02 | 0.01 | 0.18 | 0.15 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 193 | 193 | 0.02 | < 0.005 | — | 194 |
| Unrefrigerated Warehouse-Rail | 0.08 | 0.04 | 0.70 | 0.59 | < 0.005 | 0.05 | — | 0.05 | 0.05 | — | 0.05 | — | 761 | 761 | 0.07 | < 0.005 | — | 763 |
| General Heavy Industry | 0.09 | 0.05 | 0.85 | 0.72 | 0.01 | 0.06 | — | 0.06 | 0.06 | — | 0.06 | — | 924 | 924 | 0.08 | < 0.005 | — | 926 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|------------------------|------|------|------|------|------|------|---|------|------|---|------|---|-------|-------|------|---------|---|-------|
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.19 | 0.10 | 1.73 | 1.46 | 0.01 | 0.13 | — | 0.13 | 0.13 | — | 0.13 | — | 1,877 | 1,877 | 0.17 | < 0.005 | — | 1,883 |

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

| Source | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|------------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|------|------|---------|---|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | — | 29.0 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | — | 1.83 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 10.5 | 9.65 | 0.49 | 58.8 | < 0.005 | 0.10 | — | 0.10 | 0.08 | — | 0.08 | — | 242 | 242 | 0.01 | < 0.005 | — | 243 |
| Total | 10.5 | 40.5 | 0.49 | 58.8 | < 0.005 | 0.10 | — | 0.10 | 0.08 | — | 0.08 | — | 242 | 242 | 0.01 | < 0.005 | — | 243 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | — | 29.0 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | — | 1.83 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | 30.9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|------------------------|------|------|------|------|---------|------|---|------|------|---|------|---|------|------|---------|---------|---|------|
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | — | 5.30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | — | 0.33 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 0.94 | 0.87 | 0.04 | 5.29 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 19.7 | 19.7 | < 0.005 | < 0.005 | — | 19.8 |
| Total | 0.94 | 6.50 | 0.04 | 5.29 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 19.7 | 19.7 | < 0.005 | < 0.005 | — | 19.8 |

4.3.2. Mitigated

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

| Source | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|------------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|------|------|---------|---|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | — | 29.0 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | — | 0.80 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 10.5 | 9.65 | 0.49 | 58.8 | < 0.005 | 0.10 | — | 0.10 | 0.08 | — | 0.08 | — | 242 | 242 | 0.01 | < 0.005 | — | 243 |
| Total | 10.5 | 39.5 | 0.49 | 58.8 | < 0.005 | 0.10 | — | 0.10 | 0.08 | — | 0.08 | — | 242 | 242 | 0.01 | < 0.005 | — | 243 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|------------------------|------|------|------|------|---------|------|---|------|------|---|------|---|------|------|---------|---------|---|------|
| Consumer | — | 29.0 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | — | 0.80 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | 29.8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | — | 5.30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | — | 0.15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 0.94 | 0.87 | 0.04 | 5.29 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 19.7 | 19.7 | < 0.005 | < 0.005 | — | 19.8 |
| Total | 0.94 | 6.31 | 0.04 | 5.29 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 19.7 | 19.7 | < 0.005 | < 0.005 | — | 19.8 |

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|------|---|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 3.88 | 13.1 | 16.9 | 0.40 | 0.01 | — | 29.8 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|------|------|------|------|------|---|------|
| Unrefrig- rated | — | — | — | — | — | — | — | — | — | — | — | 15.3 | 43.6 | 58.9 | 1.57 | 0.04 | — | 109 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | 8.23 | 23.5 | 31.7 | 0.85 | 0.02 | — | 58.9 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 27.4 | 80.1 | 108 | 2.82 | 0.07 | — | 198 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrig- rated Warehou- se-No Rail | — | — | — | — | — | — | — | — | — | — | — | 3.88 | 13.1 | 16.9 | 0.40 | 0.01 | — | 29.8 |
| Unrefrig- rated Warehou- se-Rail | — | — | — | — | — | — | — | — | — | — | — | 15.3 | 43.6 | 58.9 | 1.57 | 0.04 | — | 109 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | 8.23 | 23.5 | 31.7 | 0.85 | 0.02 | — | 58.9 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 27.4 | 80.1 | 108 | 2.82 | 0.07 | — | 198 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|------|------|------|------|---------|---|------|
| Unrefrigerated Warehouse-No | — | — | — | — | — | — | — | — | — | — | — | 0.64 | 2.16 | 2.81 | 0.07 | < 0.005 | — | 4.93 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 2.53 | 7.22 | 9.75 | 0.26 | 0.01 | — | 18.1 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | 1.36 | 3.89 | 5.25 | 0.14 | < 0.005 | — | 9.76 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 4.54 | 13.3 | 17.8 | 0.47 | 0.01 | — | 32.8 |

4.4.2. Mitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|------|---|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 3.11 | 10.4 | 13.6 | 0.32 | 0.01 | — | 23.8 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 12.2 | 34.9 | 47.1 | 1.26 | 0.03 | — | 87.6 |

| | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|------|------|------|------|---------|---|------|
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | 6.59 | 18.8 | 25.4 | 0.68 | 0.02 | — | 47.1 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 21.9 | 64.1 | 86.0 | 2.25 | 0.05 | — | 159 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 3.11 | 10.4 | 13.6 | 0.32 | 0.01 | — | 23.8 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 12.2 | 34.9 | 47.1 | 1.26 | 0.03 | — | 87.6 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | 6.59 | 18.8 | 25.4 | 0.68 | 0.02 | — | 47.1 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 21.9 | 64.1 | 86.0 | 2.25 | 0.05 | — | 159 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 0.51 | 1.73 | 2.24 | 0.05 | < 0.005 | — | 3.95 |

| | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|------|------|------|------|---------|---|------|
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 2.03 | 5.77 | 7.80 | 0.21 | 0.01 | — | 14.5 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | 1.09 | 3.11 | 4.20 | 0.11 | < 0.005 | — | 7.81 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 3.63 | 10.6 | 14.2 | 0.37 | 0.01 | — | 26.2 |

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|------|---|-------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 97.0 | 0.00 | 97.0 | 9.69 | 0.00 | — | 339 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 382 | 0.00 | 382 | 38.2 | 0.00 | — | 1,336 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | 271 | 0.00 | 271 | 27.1 | 0.00 | — | 949 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|------|------|------|------|------|---|-------|
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 750 | 0.00 | 750 | 75.0 | 0.00 | — | 2,625 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 97.0 | 0.00 | 97.0 | 9.69 | 0.00 | — | 339 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 382 | 0.00 | 382 | 38.2 | 0.00 | — | 1,336 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | 271 | 0.00 | 271 | 27.1 | 0.00 | — | 949 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 750 | 0.00 | 750 | 75.0 | 0.00 | — | 2,625 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 16.1 | 0.00 | 16.1 | 1.60 | 0.00 | — | 56.2 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 63.2 | 0.00 | 63.2 | 6.32 | 0.00 | — | 221 |

| | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|------|------|------|------|------|---|------|
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | 44.9 | 0.00 | 44.9 | 4.49 | 0.00 | — | 157 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 124 | 0.00 | 124 | 12.4 | 0.00 | — | 435 |

4.5.2. Mitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|------|---|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 24.2 | 0.00 | 24.2 | 2.42 | 0.00 | — | 84.8 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 95.5 | 0.00 | 95.5 | 9.54 | 0.00 | — | 334 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | 67.8 | 0.00 | 67.8 | 6.78 | 0.00 | — | 237 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 188 | 0.00 | 188 | 18.7 | 0.00 | — | 656 |

| | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|------|------|------|------|------|---|------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 24.2 | 0.00 | 24.2 | 2.42 | 0.00 | — | 84.8 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 95.5 | 0.00 | 95.5 | 9.54 | 0.00 | — | 334 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | 67.8 | 0.00 | 67.8 | 6.78 | 0.00 | — | 237 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 188 | 0.00 | 188 | 18.7 | 0.00 | — | 656 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 4.01 | 0.00 | 4.01 | 0.40 | 0.00 | — | 14.0 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 15.8 | 0.00 | 15.8 | 1.58 | 0.00 | — | 55.3 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | 11.2 | 0.00 | 11.2 | 1.12 | 0.00 | — | 39.3 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|------|------|------|------|------|---|------|
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 31.1 | 0.00 | 31.1 | 3.10 | 0.00 | — | 109 |

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|------|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 17.5 | 17.5 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 17.5 | 17.5 |

4.6.2. Mitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|------|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 17.5 | 17.5 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 17.5 | 17.5 |

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

| | | | | | | | | | | | | | | | | | | |
|-----------------------------------|------|------|------|------|------|------|---|------|------|---|------|---|--------|--------|------|------|---|--------|
| Forklifts | 20.8 | 17.5 | 167 | 255 | 0.35 | 7.96 | — | 7.96 | 7.32 | — | 7.32 | — | 37,505 | 37,505 | 1.52 | 0.30 | — | 37,634 |
| Other Material Handling Equipment | 6.02 | 5.06 | 41.5 | 24.5 | 0.10 | 1.71 | — | 1.71 | 1.57 | — | 1.57 | — | 11,175 | 11,175 | 0.45 | 0.09 | — | 11,213 |
| Total | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Forklifts | 20.8 | 17.5 | 167 | 255 | 0.35 | 7.96 | — | 7.96 | 7.32 | — | 7.32 | — | 37,505 | 37,505 | 1.52 | 0.30 | — | 37,634 |
| Other Material Handling Equipment | 6.02 | 5.06 | 41.5 | 24.5 | 0.10 | 1.71 | — | 1.71 | 1.57 | — | 1.57 | — | 11,175 | 11,175 | 0.45 | 0.09 | — | 11,213 |
| Total | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Forklifts | 3.80 | 3.19 | 30.4 | 46.5 | 0.06 | 1.45 | — | 1.45 | 1.34 | — | 1.34 | — | 6,209 | 6,209 | 0.25 | 0.05 | — | 6,231 |
| Other Material Handling Equipment | 1.10 | 0.92 | 7.57 | 4.48 | 0.02 | 0.31 | — | 0.31 | 0.29 | — | 0.29 | — | 1,850 | 1,850 | 0.08 | 0.02 | — | 1,856 |
| Total | 4.90 | 4.12 | 38.0 | 51.0 | 0.08 | 1.76 | — | 1.76 | 1.62 | — | 1.62 | — | 8,060 | 8,060 | 0.33 | 0.07 | — | 8,087 |

4.7.2. Mitigated

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

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|-----|-----|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|---|--------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Forklifts | 20.8 | 17.5 | 167 | 255 | 0.35 | 7.96 | — | 7.96 | 7.32 | — | 7.32 | — | 37,505 | 37,505 | 1.52 | 0.30 | — | 37,634 |

| | | | | | | | | | | | | | | | | | | |
|-----------------------------------|------|------|------|------|------|------|---|------|------|---|------|---|--------|--------|------|------|---|--------|
| Other Material Handling Equipment | 6.02 | 5.06 | 41.5 | 24.5 | 0.10 | 1.71 | — | 1.71 | 1.57 | — | 1.57 | — | 11,175 | 11,175 | 0.45 | 0.09 | — | 11,213 |
| Total | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Forklifts | 20.8 | 17.5 | 167 | 255 | 0.35 | 7.96 | — | 7.96 | 7.32 | — | 7.32 | — | 37,505 | 37,505 | 1.52 | 0.30 | — | 37,634 |
| Other Material Handling Equipment | 6.02 | 5.06 | 41.5 | 24.5 | 0.10 | 1.71 | — | 1.71 | 1.57 | — | 1.57 | — | 11,175 | 11,175 | 0.45 | 0.09 | — | 11,213 |
| Total | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Forklifts | 3.80 | 3.19 | 30.4 | 46.5 | 0.06 | 1.45 | — | 1.45 | 1.34 | — | 1.34 | — | 6,209 | 6,209 | 0.25 | 0.05 | — | 6,231 |
| Other Material Handling Equipment | 1.10 | 0.92 | 7.57 | 4.48 | 0.02 | 0.31 | — | 0.31 | 0.29 | — | 0.29 | — | 1,850 | 1,850 | 0.08 | 0.02 | — | 1,856 |
| Total | 4.90 | 4.12 | 38.0 | 51.0 | 0.08 | 1.76 | — | 1.76 | 1.62 | — | 1.62 | — | 8,060 | 8,060 | 0.33 | 0.07 | — | 8,087 |

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

| | | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|---------|------|------|------|------|------|------|------|-------|-------|---------|---------|------|-------|
| Emergency | 2.70 | 2.46 | 6.88 | 6.28 | 0.01 | 0.36 | 0.00 | 0.36 | 0.36 | 0.00 | 0.36 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 2.70 | 2.46 | 6.88 | 6.28 | 0.01 | 0.36 | 0.00 | 0.36 | 0.36 | 0.00 | 0.36 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Emergency Generator | 2.70 | 2.46 | 6.88 | 6.28 | 0.01 | 0.36 | 0.00 | 0.36 | 0.36 | 0.00 | 0.36 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 2.70 | 2.46 | 6.88 | 6.28 | 0.01 | 0.36 | 0.00 | 0.36 | 0.36 | 0.00 | 0.36 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Emergency Generator | 0.07 | 0.06 | 0.17 | 0.16 | < 0.005 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 28.6 | 28.6 | < 0.005 | < 0.005 | 0.00 | 28.7 |
| Total | 0.07 | 0.06 | 0.17 | 0.16 | < 0.005 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 28.6 | 28.6 | < 0.005 | < 0.005 | 0.00 | 28.7 |

4.8.2. Mitigated

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

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Emergency Generator | 2.70 | 2.46 | 6.88 | 6.28 | 0.01 | 0.36 | 0.00 | 0.36 | 0.36 | 0.00 | 0.36 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 2.70 | 2.46 | 6.88 | 6.28 | 0.01 | 0.36 | 0.00 | 0.36 | 0.36 | 0.00 | 0.36 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|---------|------|------|------|------|------|------|------|-------|-------|---------|---------|------|-------|
| Emergency Generator | 2.70 | 2.46 | 6.88 | 6.28 | 0.01 | 0.36 | 0.00 | 0.36 | 0.36 | 0.00 | 0.36 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 2.70 | 2.46 | 6.88 | 6.28 | 0.01 | 0.36 | 0.00 | 0.36 | 0.36 | 0.00 | 0.36 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Emergency Generator | 0.07 | 0.06 | 0.17 | 0.16 | < 0.005 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 28.6 | 28.6 | < 0.005 | < 0.005 | 0.00 | 28.7 |
| Total | 0.07 | 0.06 | 0.17 | 0.16 | < 0.005 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 28.6 | 28.6 | < 0.005 | < 0.005 | 0.00 | 28.7 |

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.9.2. Mitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

| | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

| | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sequest | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Remove d | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequest ered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Remove d | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequest ered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Remove d | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

5. Activity Data

5.1. Construction Schedule

| Phase Name | Phase Type | Start Date | End Date | Days Per Week | Work Days per Phase | Phase Description |
|--|-----------------------|------------|------------|---------------|---------------------|-------------------|
| Site Preparation | Site Preparation | 10/1/2024 | 10/14/2024 | 5.00 | 10.0 | — |
| Mass Grading | Grading | 10/15/2024 | 11/25/2024 | 5.00 | 30.0 | — |
| Building Construction | Building Construction | 11/26/2024 | 8/1/2025 | 5.00 | 179 | — |
| Onsite Paving | Building Construction | 8/2/2025 | 9/12/2025 | 5.00 | 30.0 | — |
| Offsite Paving (Continual and Final) | Paving | 11/1/2024 | 9/22/2025 | 5.00 | 232 | — |
| Testing | Architectural Coating | 9/30/2025 | 10/7/2025 | 5.00 | 6.00 | — |
| Architectural Coating | Architectural Coating | 9/13/2025 | 10/1/2025 | 5.00 | 13.0 | — |
| Offsite Architectural Coating (Striping) | Architectural Coating | 11/1/2024 | 9/29/2025 | 5.00 | 237 | — |
| Offsite Road Removal/Utility Install | Trenching | 11/1/2024 | 6/3/2025 | 5.00 | 153 | — |

5.2. Off-Road Equipment

5.2.1. Unmitigated

| Phase Name | Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|------------------|---------------------------|-----------|-------------|----------------|---------------|------------|-------------|
| Site Preparation | Tractors/Loaders/Backhoes | Diesel | Average | 1.00 | 8.00 | 84.0 | 0.37 |
| Site Preparation | Crawler Tractors | Diesel | Average | 1.00 | 8.00 | 87.0 | 0.43 |
| Mass Grading | Excavators | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Mass Grading | Graders | Diesel | Average | 1.00 | 8.00 | 148 | 0.41 |
| Mass Grading | Rubber Tired Dozers | Diesel | Average | 1.00 | 8.00 | 367 | 0.40 |
| Mass Grading | Scrapers | Diesel | Average | 4.00 | 8.00 | 423 | 0.48 |

| | | | | | | | |
|--|---------------------------|--------|---------|------|------|------|------|
| Mass Grading | Tractors/Loaders/Backhoes | Diesel | Average | 2.00 | 8.00 | 84.0 | 0.37 |
| Building Construction | Cranes | Diesel | Average | 1.00 | 7.00 | 367 | 0.29 |
| Building Construction | Forklifts | Diesel | Average | 7.00 | 8.00 | 82.0 | 0.20 |
| Building Construction | Generator Sets | Diesel | Average | 3.00 | 8.00 | 14.0 | 0.74 |
| Building Construction | Tractors/Loaders/Backhoes | Diesel | Average | 9.00 | 7.00 | 84.0 | 0.37 |
| Building Construction | Welders | Diesel | Average | 2.00 | 8.00 | 46.0 | 0.45 |
| Building Construction | Aerial Lifts | Diesel | Average | 3.00 | 7.00 | 46.0 | 0.31 |
| Onsite Paving | Pavers | Diesel | Average | 10.0 | 8.00 | 81.0 | 0.42 |
| Onsite Paving | Paving Equipment | Diesel | Average | 10.0 | 8.00 | 89.0 | 0.36 |
| Onsite Paving | Rollers | Diesel | Average | 15.0 | 8.00 | 36.0 | 0.38 |
| Offsite Paving (Continual and Final) | Pavers | Diesel | Average | 3.00 | 8.00 | 81.0 | 0.42 |
| Offsite Paving (Continual and Final) | Paving Equipment | Diesel | Average | 3.00 | 8.00 | 89.0 | 0.36 |
| Offsite Paving (Continual and Final) | Rollers | Diesel | Average | 3.00 | 8.00 | 36.0 | 0.38 |
| Testing | Generator Sets | Diesel | Average | 3.00 | 8.00 | 37.0 | 0.48 |
| Architectural Coating | Air Compressors | Diesel | Average | 3.00 | 6.00 | 37.0 | 0.48 |
| Architectural Coating | Aerial Lifts | Diesel | Average | 3.00 | 6.00 | 46.0 | 0.31 |
| Offsite Architectural Coating (Striping) | Air Compressors | Diesel | Average | 3.00 | 8.00 | 37.0 | 0.48 |
| Offsite Road Removal/Utility Install | Concrete/Industrial Saws | Diesel | Average | 3.00 | 8.00 | 33.0 | 0.73 |
| Offsite Road Removal/Utility Install | Excavators | Diesel | Average | 3.00 | 8.00 | 36.0 | 0.38 |
| Offsite Road Removal/Utility Install | Pumps | Diesel | Average | 3.00 | 8.00 | 11.0 | 0.74 |
| Offsite Road Removal/Utility Install | Tractors/Loaders/Backhoes | Diesel | Average | 3.00 | 8.00 | 84.0 | 0.37 |

5.2.2. Mitigated

| Phase Name | Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---------------------------|-----------|--------------|----------------|---------------|------------|-------------|
| Site Preparation | Tractors/Loaders/Backhoes | Diesel | Tier 4 Final | 1.00 | 8.00 | 84.0 | 0.37 |
| Site Preparation | Crawler Tractors | Diesel | Tier 4 Final | 1.00 | 8.00 | 87.0 | 0.43 |
| Mass Grading | Excavators | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Mass Grading | Graders | Diesel | Tier 4 Final | 1.00 | 8.00 | 148 | 0.41 |
| Mass Grading | Rubber Tired Dozers | Diesel | Tier 4 Final | 1.00 | 8.00 | 367 | 0.40 |
| Mass Grading | Scrapers | Diesel | Tier 4 Final | 4.00 | 8.00 | 423 | 0.48 |
| Mass Grading | Tractors/Loaders/Backhoes | Diesel | Tier 4 Final | 2.00 | 8.00 | 84.0 | 0.37 |
| Building Construction | Cranes | Diesel | Tier 4 Final | 1.00 | 7.00 | 367 | 0.29 |
| Building Construction | Forklifts | Diesel | Tier 4 Final | 7.00 | 8.00 | 82.0 | 0.20 |
| Building Construction | Generator Sets | Diesel | Average | 3.00 | 8.00 | 14.0 | 0.74 |
| Building Construction | Tractors/Loaders/Backhoes | Diesel | Tier 4 Final | 9.00 | 7.00 | 84.0 | 0.37 |
| Building Construction | Welders | Diesel | Average | 2.00 | 8.00 | 46.0 | 0.45 |
| Building Construction | Aerial Lifts | Diesel | Average | 3.00 | 7.00 | 46.0 | 0.31 |
| Onsite Paving | Pavers | Diesel | Tier 4 Final | 10.0 | 8.00 | 81.0 | 0.42 |
| Onsite Paving | Paving Equipment | Diesel | Tier 4 Final | 10.0 | 8.00 | 89.0 | 0.36 |
| Onsite Paving | Rollers | Diesel | Average | 15.0 | 8.00 | 36.0 | 0.38 |
| Offsite Paving (Continual and Final) | Pavers | Diesel | Tier 4 Final | 3.00 | 8.00 | 81.0 | 0.42 |
| Offsite Paving (Continual and Final) | Paving Equipment | Diesel | Tier 4 Final | 3.00 | 8.00 | 89.0 | 0.36 |
| Offsite Paving (Continual and Final) | Rollers | Diesel | Average | 3.00 | 8.00 | 36.0 | 0.38 |
| Testing | Generator Sets | Diesel | Average | 3.00 | 8.00 | 37.0 | 0.48 |
| Architectural Coating | Air Compressors | Diesel | Average | 3.00 | 6.00 | 37.0 | 0.48 |

| | | | | | | | |
|--|---------------------------|--------|--------------|------|------|------|------|
| Architectural Coating | Aerial Lifts | Diesel | Average | 3.00 | 6.00 | 46.0 | 0.31 |
| Offsite Architectural Coating (Striping) | Air Compressors | Diesel | Average | 3.00 | 8.00 | 37.0 | 0.48 |
| Offsite Road Removal/Utility Install | Concrete/Industrial Saws | Diesel | Average | 3.00 | 8.00 | 33.0 | 0.73 |
| Offsite Road Removal/Utility Install | Excavators | Diesel | Average | 3.00 | 8.00 | 36.0 | 0.38 |
| Offsite Road Removal/Utility Install | Pumps | Diesel | Average | 3.00 | 8.00 | 11.0 | 0.74 |
| Offsite Road Removal/Utility Install | Tractors/Loaders/Backhoes | Diesel | Tier 4 Final | 3.00 | 8.00 | 84.0 | 0.37 |

5.3. Construction Vehicles

5.3.1. Unmitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|-----------------------|--------------|-----------------------|----------------|---------------|
| Site Preparation | — | — | — | — |
| Site Preparation | Worker | 20.0 | 18.5 | LDA,LDT1,LDT2 |
| Site Preparation | Vendor | 4.00 | 10.2 | HHDT,MHDT |
| Site Preparation | Hauling | 182 | 20.0 | HHDT |
| Site Preparation | Onsite truck | — | — | HHDT |
| Mass Grading | — | — | — | — |
| Mass Grading | Worker | 30.0 | 18.5 | LDA,LDT1,LDT2 |
| Mass Grading | Vendor | 8.00 | 10.2 | HHDT,MHDT |
| Mass Grading | Hauling | 178 | 20.0 | HHDT |
| Mass Grading | Onsite truck | — | — | HHDT |
| Building Construction | — | — | — | — |
| Building Construction | Worker | 406 | 18.5 | LDA,LDT1,LDT2 |
| Building Construction | Vendor | 478 | 10.2 | HHDT,MHDT |

| | | | | |
|--|--------------|------|------|---------------|
| Building Construction | Hauling | 0.00 | 20.0 | HHDT |
| Building Construction | Onsite truck | — | — | HHDT |
| Onsite Paving | — | — | — | — |
| Onsite Paving | Worker | 70.0 | 18.5 | LDA,LDT1,LDT2 |
| Onsite Paving | Vendor | 50.0 | 10.2 | HHDT,MHDT |
| Onsite Paving | Hauling | 0.00 | 20.0 | HHDT |
| Onsite Paving | Onsite truck | — | — | HHDT |
| Architectural Coating | — | — | — | — |
| Architectural Coating | Worker | 230 | 18.5 | LDA,LDT1,LDT2 |
| Architectural Coating | Vendor | — | 10.2 | HHDT,MHDT |
| Architectural Coating | Hauling | 0.00 | 20.0 | HHDT |
| Architectural Coating | Onsite truck | — | — | HHDT |
| Offsite Paving (Continual and Final) | — | — | — | — |
| Offsite Paving (Continual and Final) | Worker | 24.0 | 18.5 | LDA,LDT1,LDT2 |
| Offsite Paving (Continual and Final) | Vendor | 6.00 | 10.2 | HHDT,MHDT |
| Offsite Paving (Continual and Final) | Hauling | 0.00 | 20.0 | HHDT |
| Offsite Paving (Continual and Final) | Onsite truck | — | — | HHDT |
| Testing | — | — | — | — |
| Testing | Worker | 18.0 | 18.5 | LDA,LDT1,LDT2 |
| Testing | Vendor | 0.00 | 10.2 | HHDT,MHDT |
| Testing | Hauling | 0.00 | 20.0 | HHDT |
| Testing | Onsite truck | — | — | HHDT |
| Offsite Architectural Coating (Striping) | — | — | — | — |
| Offsite Architectural Coating (Striping) | Worker | 12.0 | 18.5 | LDA,LDT1,LDT2 |
| Offsite Architectural Coating (Striping) | Vendor | 6.00 | 10.2 | HHDT,MHDT |
| Offsite Architectural Coating (Striping) | Hauling | 0.00 | 20.0 | HHDT |
| Offsite Architectural Coating (Striping) | Onsite truck | — | — | HHDT |

| | | | | |
|--------------------------------------|--------------|------|------|---------------|
| Offsite Road Removal/Utility Install | — | — | — | — |
| Offsite Road Removal/Utility Install | Worker | 48.0 | 18.5 | LDA,LDT1,LDT2 |
| Offsite Road Removal/Utility Install | Vendor | 6.00 | 10.2 | HHDT,MHDT |
| Offsite Road Removal/Utility Install | Hauling | 22.0 | 20.0 | HHDT |
| Offsite Road Removal/Utility Install | Onsite truck | — | — | HHDT |

5.3.2. Mitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|-----------------------|--------------|-----------------------|----------------|---------------|
| Site Preparation | — | — | — | — |
| Site Preparation | Worker | 20.0 | 18.5 | LDA,LDT1,LDT2 |
| Site Preparation | Vendor | 4.00 | 10.2 | HHDT,MHDT |
| Site Preparation | Hauling | 182 | 20.0 | HHDT |
| Site Preparation | Onsite truck | — | — | HHDT |
| Mass Grading | — | — | — | — |
| Mass Grading | Worker | 30.0 | 18.5 | LDA,LDT1,LDT2 |
| Mass Grading | Vendor | 8.00 | 10.2 | HHDT,MHDT |
| Mass Grading | Hauling | 178 | 20.0 | HHDT |
| Mass Grading | Onsite truck | — | — | HHDT |
| Building Construction | — | — | — | — |
| Building Construction | Worker | 406 | 18.5 | LDA,LDT1,LDT2 |
| Building Construction | Vendor | 478 | 10.2 | HHDT,MHDT |
| Building Construction | Hauling | 0.00 | 20.0 | HHDT |
| Building Construction | Onsite truck | — | — | HHDT |
| Onsite Paving | — | — | — | — |
| Onsite Paving | Worker | 70.0 | 18.5 | LDA,LDT1,LDT2 |
| Onsite Paving | Vendor | 50.0 | 10.2 | HHDT,MHDT |
| Onsite Paving | Hauling | 0.00 | 20.0 | HHDT |

| | | | | |
|--|--------------|------|------|---------------|
| Onsite Paving | Onsite truck | — | — | HHDT |
| Architectural Coating | — | — | — | — |
| Architectural Coating | Worker | 230 | 18.5 | LDA,LDT1,LDT2 |
| Architectural Coating | Vendor | — | 10.2 | HHDT,MHDT |
| Architectural Coating | Hauling | 0.00 | 20.0 | HHDT |
| Architectural Coating | Onsite truck | — | — | HHDT |
| Offsite Paving (Continual and Final) | — | — | — | — |
| Offsite Paving (Continual and Final) | Worker | 24.0 | 18.5 | LDA,LDT1,LDT2 |
| Offsite Paving (Continual and Final) | Vendor | 6.00 | 10.2 | HHDT,MHDT |
| Offsite Paving (Continual and Final) | Hauling | 0.00 | 20.0 | HHDT |
| Offsite Paving (Continual and Final) | Onsite truck | — | — | HHDT |
| Testing | — | — | — | — |
| Testing | Worker | 18.0 | 18.5 | LDA,LDT1,LDT2 |
| Testing | Vendor | 0.00 | 10.2 | HHDT,MHDT |
| Testing | Hauling | 0.00 | 20.0 | HHDT |
| Testing | Onsite truck | — | — | HHDT |
| Offsite Architectural Coating (Striping) | — | — | — | — |
| Offsite Architectural Coating (Striping) | Worker | 12.0 | 18.5 | LDA,LDT1,LDT2 |
| Offsite Architectural Coating (Striping) | Vendor | 6.00 | 10.2 | HHDT,MHDT |
| Offsite Architectural Coating (Striping) | Hauling | 0.00 | 20.0 | HHDT |
| Offsite Architectural Coating (Striping) | Onsite truck | — | — | HHDT |
| Offsite Road Removal/Utility Install | — | — | — | — |
| Offsite Road Removal/Utility Install | Worker | 48.0 | 18.5 | LDA,LDT1,LDT2 |
| Offsite Road Removal/Utility Install | Vendor | 6.00 | 10.2 | HHDT,MHDT |
| Offsite Road Removal/Utility Install | Hauling | 22.0 | 20.0 | HHDT |
| Offsite Road Removal/Utility Install | Onsite truck | — | — | HHDT |

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

| Phase Name | Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|--|--|--|--|--|-----------------------------|
| Architectural Coating | 0.00 | 0.00 | 102,207 | 34,069 | 4,609 |
| Testing | 0.00 | 0.00 | 39,747 | 13,249 | 1,793 |
| Offsite Architectural Coating (Striping) | 0.00 | 0.00 | 1,885,146 | 628,382 | 85,018 |

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

| Phase Name | Material Imported (cy) | Material Exported (cy) | Acres Graded (acres) | Material Demolished (sq. ft.) | Acres Paved (acres) |
|--------------------------------------|------------------------|------------------------|----------------------|-------------------------------|---------------------|
| Site Preparation | — | — | 0.00 | 0.00 | — |
| Mass Grading | — | 84,103 | 81.1 | 0.00 | — |
| Offsite Paving (Continual and Final) | 0.00 | 0.00 | 0.00 | 0.00 | 35.0 |
| Offsite Road Removal/Utility Install | — | — | 23.0 | 0.00 | — |

5.6.2. Construction Earthmoving Control Strategies

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

5.7. Construction Paving

| Land Use | Area Paved (acres) | % Asphalt |
|----------------------------------|--------------------|-----------|
| Unrefrigerated Warehouse-No Rail | 0.00 | 0% |
| Unrefrigerated Warehouse-No Rail | 0.00 | 0% |
| Unrefrigerated Warehouse-Rail | 0.00 | 0% |
| Unrefrigerated Warehouse-Rail | 0.00 | 0% |
| General Heavy Industry | 0.00 | 0% |
| General Heavy Industry | 0.00 | 0% |
| Parking Lot | 11.9 | 100% |
| Other Asphalt Surfaces | 23.0 | 100% |

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

| Year | kWh per Year | CO2 | CH4 | N2O |
|------|--------------|-----|------|---------|
| 2024 | 0.00 | 349 | 0.03 | < 0.005 |
| 2025 | 0.00 | 349 | 0.03 | < 0.005 |

5.9. Operational Mobile Sources

5.9.1. Unmitigated

| Land Use Type | Trips/Weekday | Trips/Saturday | Trips/Sunday | Trips/Year | VMT/Weekday | VMT/Saturday | VMT/Sunday | VMT/Year |
|----------------------------------|---------------|----------------|--------------|------------|-------------|--------------|------------|-----------|
| Unrefrigerated Warehouse-No Rail | 237 | 237 | 237 | 86,610 | 2,393 | 2,393 | 2,393 | 873,551 |
| Unrefrigerated Warehouse-No Rail | 90.0 | 90.0 | 90.0 | 32,852 | 5,589 | 5,589 | 5,589 | 2,040,118 |
| Unrefrigerated Warehouse-Rail | 755 | 755 | 755 | 275,466 | 7,612 | 7,612 | 7,612 | 2,778,353 |

| | | | | | | | | |
|-------------------------------|-------|-------|-------|---------|--------|--------|--------|------------|
| Unrefrigerated Warehouse-Rail | 610 | 610 | 610 | 222,664 | 37,883 | 37,883 | 37,883 | 13,827,444 |
| General Heavy Industry | 1,554 | 1,554 | 1,554 | 567,245 | 15,675 | 15,675 | 15,675 | 5,721,237 |
| General Heavy Industry | 423 | 423 | 423 | 154,441 | 26,276 | 26,276 | 26,276 | 9,590,765 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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 | 237 | 237 | 237 | 86,610 | 2,393 | 2,393 | 2,393 | 873,551 |
| Unrefrigerated Warehouse-No Rail | 90.0 | 90.0 | 90.0 | 32,852 | 5,589 | 5,589 | 5,589 | 2,040,118 |
| Unrefrigerated Warehouse-Rail | 755 | 755 | 755 | 275,466 | 7,612 | 7,612 | 7,612 | 2,778,353 |
| Unrefrigerated Warehouse-Rail | 610 | 610 | 610 | 222,664 | 37,883 | 37,883 | 37,883 | 13,827,444 |
| General Heavy Industry | 1,554 | 1,554 | 1,554 | 567,245 | 15,675 | 15,675 | 15,675 | 5,721,237 |
| General Heavy Industry | 423 | 423 | 423 | 154,441 | 26,276 | 26,276 | 26,276 | 9,590,765 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

| Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|--|--|--|--|-----------------------------|
| 0 | 0.00 | 2,027,100 | 675,700 | 91,420 |

5.10.3. Landscape Equipment

| Season | Unit | Value |
|-------------|--------|-------|
| Snow Days | day/yr | 0.00 |
| Summer Days | day/yr | 180 |

5.10.4. Landscape Equipment - Mitigated

| Season | Unit | Value |
|-------------|--------|-------|
| Snow Days | day/yr | 0.00 |
| Summer Days | day/yr | 180 |

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 | 640,914 | 346 | 0.0330 | 0.0040 | 2,638,017 |
| Unrefrigerated Warehouse-No Rail | 243,105 | 346 | 0.0330 | 0.0040 | 1,000,627 |

| | | | | | |
|-------------------------------|-----------|-----|--------|--------|------------|
| Unrefrigerated Warehouse-Rail | 1,925,824 | 346 | 0.0330 | 0.0040 | 7,926,731 |
| Unrefrigerated Warehouse-Rail | 1,556,678 | 346 | 0.0330 | 0.0040 | 6,407,321 |
| General Heavy Industry | 3,043,640 | 346 | 0.0330 | 0.0040 | 13,685,645 |
| General Heavy Industry | 828,675 | 346 | 0.0330 | 0.0040 | 3,726,117 |
| Parking Lot | 455,728 | 346 | 0.0330 | 0.0040 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 346 | 0.0330 | 0.0040 | 0.00 |

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 | 0.00 | 346 | 0.0330 | 0.0040 | 2,638,017 |
| Unrefrigerated Warehouse-No Rail | 0.00 | 346 | 0.0330 | 0.0040 | 1,000,627 |
| Unrefrigerated Warehouse-Rail | < 0.005 | 346 | 0.0330 | 0.0040 | 7,926,731 |
| Unrefrigerated Warehouse-Rail | < 0.005 | 346 | 0.0330 | 0.0040 | 6,407,321 |
| General Heavy Industry | 0.00 | 346 | 0.0330 | 0.0040 | 13,685,645 |
| General Heavy Industry | 0.00 | 346 | 0.0330 | 0.0040 | 3,726,117 |
| Parking Lot | < 0.005 | 346 | 0.0330 | 0.0040 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 346 | 0.0330 | 0.0040 | 0.00 |

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

| Land Use | Indoor Water (gal/year) | Outdoor Water (gal/year) |
|----------------------------------|-------------------------|--------------------------|
| Unrefrigerated Warehouse-No Rail | 1,468,792 | 496,528 |
| Unrefrigerated Warehouse-No Rail | 557,128 | 0.00 |
| Unrefrigerated Warehouse-Rail | 4,413,436 | 0.00 |

| | | |
|-------------------------------|-----------|------|
| Unrefrigerated Warehouse-Rail | 3,567,461 | 0.00 |
| General Heavy Industry | 3,377,761 | 0.00 |
| General Heavy Industry | 919,645 | 0.00 |
| Parking Lot | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 |

5.12.2. Mitigated

| Land Use | Indoor Water (gal/year) | Outdoor Water (gal/year) |
|----------------------------------|-------------------------|--------------------------|
| Unrefrigerated Warehouse-No Rail | 1,175,034 | 397,222 |
| Unrefrigerated Warehouse-No Rail | 445,702 | 0.00 |
| Unrefrigerated Warehouse-Rail | 3,530,749 | 0.00 |
| Unrefrigerated Warehouse-Rail | 2,853,969 | 0.00 |
| General Heavy Industry | 2,702,209 | 0.00 |
| General Heavy Industry | 735,716 | 0.00 |
| Parking Lot | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 |

5.13. Operational Waste Generation

5.13.1. Unmitigated

| Land Use | Waste (ton/year) | Cogeneration (kWh/year) |
|----------------------------------|------------------|-------------------------|
| Unrefrigerated Warehouse-No Rail | 130 | — |
| Unrefrigerated Warehouse-No Rail | 49.5 | — |
| Unrefrigerated Warehouse-Rail | 392 | — |
| Unrefrigerated Warehouse-Rail | 317 | — |
| General Heavy Industry | 396 | — |
| General Heavy Industry | 108 | — |

| | | |
|------------------------|------|---|
| Parking Lot | 0.00 | — |
| Other Asphalt Surfaces | 0.00 | — |

5.13.2. Mitigated

| Land Use | Waste (ton/year) | Cogeneration (kWh/year) |
|----------------------------------|------------------|-------------------------|
| Unrefrigerated Warehouse-No Rail | 32.6 | — |
| Unrefrigerated Warehouse-No Rail | 12.4 | — |
| Unrefrigerated Warehouse-Rail | 98.0 | — |
| Unrefrigerated Warehouse-Rail | 79.2 | — |
| General Heavy Industry | 98.9 | — |
| General Heavy Industry | 26.9 | — |
| Parking Lot | 0.00 | — |
| Other Asphalt Surfaces | 0.00 | — |

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

| Land Use Type | Equipment Type | Refrigerant | GWP | Quantity (kg) | Operations Leak Rate | Service Leak Rate | Times Serviced |
|------------------------|-------------------------------------|-------------|-------|---------------|----------------------|-------------------|----------------|
| General Heavy Industry | Other commercial A/C and heat pumps | R-410A | 2,088 | 0.30 | 4.00 | 4.00 | 18.0 |
| General Heavy Industry | Other commercial A/C and heat pumps | R-410A | 2,088 | 0.30 | 4.00 | 4.00 | 18.0 |

5.14.2. Mitigated

| Land Use Type | Equipment Type | Refrigerant | GWP | Quantity (kg) | Operations Leak Rate | Service Leak Rate | Times Serviced |
|------------------------|-------------------------------------|-------------|-------|---------------|----------------------|-------------------|----------------|
| General Heavy Industry | Other commercial A/C and heat pumps | R-410A | 2,088 | 0.30 | 4.00 | 4.00 | 18.0 |

| | | | | | | | |
|------------------------|-------------------------------------|--------|-------|------|------|------|------|
| General Heavy 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 |
|-----------------------------------|-----------|-------------|----------------|---------------|------------|-------------|
| Forklifts | Diesel | Average | 82.0 | 24.0 | 82.0 | 0.20 |
| Forklifts | Electric | Average | 82.0 | 24.0 | 82.0 | 0.20 |
| Other Material Handling Equipment | Diesel | Average | 5.00 | 24.0 | 200 | 0.40 |

5.15.2. Mitigated

| Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|-----------------------------------|-----------|-------------|----------------|---------------|------------|-------------|
| Forklifts | Diesel | Average | 82.0 | 24.0 | 82.0 | 0.20 |
| Forklifts | Electric | Average | 82.0 | 24.0 | 82.0 | 0.20 |
| Other Material Handling Equipment | Diesel | Average | 5.00 | 24.0 | 200 | 0.40 |

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

| Equipment Type | Fuel Type | Number per Day | Hours per Day | Hours per Year | Horsepower | Load Factor |
|---------------------|-----------|----------------|---------------|----------------|------------|-------------|
| Emergency Generator | Diesel | 3.00 | 1.00 | 50.0 | 500 | 0.73 |

5.16.2. Process Boilers

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

5.17. User Defined

| Equipment Type | Fuel Type |
|----------------|-----------|
|----------------|-----------|

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

| Vegetation Land Use Type | Vegetation Soil Type | Initial Acres | Final Acres |
|--------------------------|----------------------|---------------|-------------|
|--------------------------|----------------------|---------------|-------------|

5.18.1.2. Mitigated

| Vegetation Land Use Type | Vegetation Soil Type | Initial Acres | Final Acres |
|--------------------------|----------------------|---------------|-------------|
|--------------------------|----------------------|---------------|-------------|

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

| Biomass Cover Type | Initial Acres | Final Acres |
|--------------------|---------------|-------------|
|--------------------|---------------|-------------|

5.18.1.2. Mitigated

| Biomass Cover Type | Initial Acres | Final Acres |
|--------------------|---------------|-------------|
|--------------------|---------------|-------------|

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

| Climate Hazard | Result for Project Location | Unit |
|------------------------------|-----------------------------|--|
| Temperature and Extreme Heat | 33.2 | annual days of extreme heat |
| Extreme Precipitation | 1.05 | annual days with precipitation above 20 mm |
| Sea Level Rise | 0.00 | meters of inundation depth |
| Wildfire | 0.00 | annual hectares burned |

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

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about $\frac{3}{4}$ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

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

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

6.2. Initial Climate Risk Scores

| Climate Hazard | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|------------------------------|----------------|-------------------|-------------------------|---------------------|
| Temperature and Extreme Heat | N/A | N/A | N/A | N/A |
| Extreme Precipitation | N/A | N/A | N/A | N/A |
| Sea Level Rise | N/A | N/A | N/A | N/A |
| Wildfire | N/A | N/A | N/A | N/A |

| | | | | |
|-------------------------|-----|-----|-----|-----|
| Flooding | N/A | N/A | N/A | N/A |
| Drought | N/A | N/A | N/A | N/A |
| Snowpack Reduction | N/A | N/A | N/A | N/A |
| Air Quality Degradation | N/A | N/A | N/A | N/A |

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

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

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

6.3. Adjusted Climate Risk Scores

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

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

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

| Indicator | Result for Project Census Tract |
|---------------------------------|---------------------------------|
| Exposure Indicators | — |
| AQ-Ozone | 84.6 |
| AQ-PM | 9.66 |
| AQ-DPM | 6.31 |
| Drinking Water | 30.2 |
| Lead Risk Housing | 30.1 |
| Pesticides | 0.00 |
| Toxic Releases | 17.9 |
| Traffic | 18.1 |
| Effect Indicators | — |
| CleanUp Sites | 68.9 |
| Groundwater | 45.2 |
| Haz Waste Facilities/Generators | 19.2 |
| Impaired Water Bodies | 51.2 |
| Solid Waste | 75.7 |
| Sensitive Population | — |
| Asthma | 84.9 |
| Cardio-vascular | 87.4 |
| Low Birth Weights | 50.5 |
| Socioeconomic Factor Indicators | — |
| Education | 64.5 |
| Housing | 47.1 |
| Linguistic | 34.6 |
| Poverty | 67.0 |

| | |
|--------------|------|
| Unemployment | 95.5 |
|--------------|------|

7.2. Healthy Places Index Scores

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

| Indicator | Result for Project Census Tract |
|------------------------|---------------------------------|
| Economic | — |
| Above Poverty | 32.02874374 |
| Employed | 23.52110869 |
| Median HI | 53.11176697 |
| Education | — |
| Bachelor's or higher | 21.19851148 |
| High school enrollment | 13.5249583 |
| Preschool enrollment | 35.44206339 |
| Transportation | — |
| Auto Access | 78.96830489 |
| Active commuting | 9.470037213 |
| Social | — |
| 2-parent households | 61.99153086 |
| Voting | 36.04516874 |
| Neighborhood | — |
| Alcohol availability | 89.14410368 |
| Park access | 25.3560888 |
| Retail density | 9.354548954 |
| Supermarket access | 4.978827153 |
| Tree canopy | 0.61593738 |
| Housing | — |
| Homeownership | 71.07660721 |

| | |
|--|-------------|
| Housing habitability | 66.22610035 |
| Low-inc homeowner severe housing cost burden | 74.99037598 |
| Low-inc renter severe housing cost burden | 40.13858591 |
| Uncrowded housing | 41.35762864 |
| Health Outcomes | — |
| Insured adults | 34.04337226 |
| Arthritis | 60.6 |
| Asthma ER Admissions | 15.2 |
| High Blood Pressure | 69.1 |
| Cancer (excluding skin) | 74.5 |
| Asthma | 18.0 |
| Coronary Heart Disease | 74.7 |
| Chronic Obstructive Pulmonary Disease | 42.5 |
| Diagnosed Diabetes | 48.6 |
| Life Expectancy at Birth | 15.7 |
| Cognitively Disabled | 21.0 |
| Physically Disabled | 50.9 |
| Heart Attack ER Admissions | 6.3 |
| Mental Health Not Good | 26.2 |
| Chronic Kidney Disease | 73.0 |
| Obesity | 25.8 |
| Pedestrian Injuries | 41.3 |
| Physical Health Not Good | 37.1 |
| Stroke | 51.7 |
| Health Risk Behaviors | — |
| Binge Drinking | 33.9 |
| Current Smoker | 23.0 |

| | |
|---------------------------------------|------|
| No Leisure Time for Physical Activity | 40.8 |
| Climate Change Exposures | — |
| Wildfire Risk | 0.0 |
| SLR Inundation Area | 0.0 |
| Children | 22.0 |
| Elderly | 91.2 |
| English Speaking | 81.5 |
| Foreign-born | 37.1 |
| Outdoor Workers | 19.9 |
| Climate Change Adaptive Capacity | — |
| Impervious Surface Cover | 77.3 |
| Traffic Density | 30.2 |
| Traffic Access | 23.0 |
| Other Indices | — |
| Hardship | 67.4 |
| Other Decision Support | — |
| 2016 Voting | 35.6 |

7.3. Overall Health & Equity Scores

| Metric | Result for Project Census Tract |
|---|---------------------------------|
| CalEnviroScreen 4.0 Score for Project Location (a) | 57.0 |
| Healthy Places Index Score for Project Location (b) | 33.0 |
| Project Located in a Designated Disadvantaged Community (Senate Bill 535) | No |
| Project Located in a Low-Income Community (Assembly Bill 1550) | No |
| Project Located in a Community Air Protection Program Community (Assembly Bill 617) | No |

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

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

| Screen | Justification |
|---|---|
| Construction: Construction Phases | Construction schedule approved by applicant. |
| Construction: Off-Road Equipment | Construction equipment assumptions approved by the applicant. |
| Construction: Dust From Material Movement | Per preliminary project details, approximately 81.10 acres would be graded. 23 acres graded for offsite utilities and roadway improvements. |
| Construction: Trips and VMT | On-road vehicle assumptions approved by applicant. |
| Operations: Vehicle Data | Trip details consistent with traffic report. Truck hauling distance of 62.1 miles consistent with Mojave Industrial Park Supplemental VMT Analysis (Urban Crossroads 2023). |
| Operations: Fleet Mix | % vehicle split consistent with traffic report. |
| Operations: Water and Waste Water | Landscaping for project included all within URW-NR. Water use consistent with assumptions from WSA (WSC, June 2023). |
| Operations: Off-Road Equipment | Operational off-road equipment consistent with SCAQMD High-Cube Warehouse Business Survey. |

MIP_Onsite&Offsite_PDFs_MM Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

| Data Field | Value |
|-----------------------------|---|
| Project Name | MIP_Onsite&Offsite_PDFs_MM |
| Construction Start Date | 10/1/2024 |
| Operational Year | 2026 |
| Lead Agency | — |
| Land Use Scale | Project/site |
| Analysis Level for Defaults | County |
| Windspeed (m/s) | 2.80 |
| Precipitation (days) | 1.40 |
| Location | Mojave Dr & Onyx Rd, Victorville, CA 92394, USA |
| County | San Bernardino-Mojave Desert |
| City | Victorville |
| Air District | Mojave Desert AQMD |
| Air Basin | Mojave Desert |
| TAZ | 5102 |
| EDFZ | 10 |
| Electric Utility | Southern California Edison |
| Gas Utility | Southwest Gas Corp. |
| App Version | 2022.1.1.20 |

1.2. Land Use Types

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

| | | | | | | | | |
|----------------------------------|-------|----------|------|---------|---------|---|---|--------------------|
| Unrefrigerated Warehouse-No Rail | 139 | 1000sqft | 3.19 | 138,765 | 490,000 | — | — | Passenger Vehicles |
| Unrefrigerated Warehouse-No Rail | 52.6 | 1000sqft | 1.21 | 52,635 | — | — | — | Trucks |
| Unrefrigerated Warehouse-Rail | 417 | 1000sqft | 9.57 | 416,962 | — | — | — | Passenger Vehicles |
| Unrefrigerated Warehouse-Rail | 337 | 1000sqft | 7.74 | 337,038 | — | — | — | Trucks |
| General Heavy Industry | 319 | 1000sqft | 7.33 | 319,116 | — | — | — | Passenger Vehicles |
| General Heavy Industry | 86.9 | 1000sqft | 1.99 | 86,884 | — | — | — | Trucks |
| Parking Lot | 1,327 | Space | 11.9 | 0.00 | — | — | — | — |
| Other Asphalt Surfaces | 1,003 | 1000sqft | 23.0 | 0.00 | — | — | — | — |

1.3. User-Selected Emission Reduction Measures by Emissions Sector

| Sector | # | Measure Title |
|--------------|---------|--|
| Construction | C-5 | Use Advanced Engine Tiers |
| Construction | C-13 | Use Low-VOC Paints for Construction |
| Energy | E-10-B | Establish Onsite Renewable Energy Systems: Solar Power |
| Water | W-7 | Adopt a Water Conservation Strategy |
| Waste | S-1/S-2 | Implement Waste Reduction Plan |
| Area Sources | LL-1 | Replace Gas Powered Landscape Equipment with Zero-Emission Landscape Equipment |
| Area Sources | AS-2 | Use Low-VOC Paints |

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

| Un/Mit. | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|------|--------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 10.4 | 56.2 | 71.1 | 115 | 0.24 | 2.60 | 11.0 | 13.3 | 2.40 | 2.78 | 4.84 | — | 34,859 | 34,859 | 0.74 | 2.69 | 72.6 | 35,750 |
| Mit. | 7.64 | 26.3 | 45.7 | 119 | 0.24 | 1.09 | 11.0 | 12.1 | 1.03 | 2.78 | 3.81 | — | 34,859 | 34,859 | 0.74 | 2.69 | 72.6 | 35,750 |
| % Reduced | 26% | 53% | 36% | -3% | — | 58% | — | 9% | 57% | — | 21% | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 11.2 | 49.7 | 97.1 | 105 | 0.25 | 3.54 | 11.0 | 13.6 | 3.28 | 2.86 | 6.15 | — | 34,522 | 34,522 | 0.78 | 2.70 | 1.95 | 35,347 |
| Mit. | 7.74 | 22.9 | 48.7 | 109 | 0.25 | 1.17 | 11.0 | 12.2 | 1.11 | 2.86 | 3.97 | — | 34,522 | 34,522 | 0.78 | 2.70 | 1.95 | 35,347 |
| % Reduced | 31% | 54% | 50% | -4% | — | 67% | — | 10% | 66% | — | 35% | — | — | — | — | — | — | — |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 4.68 | 19.5 | 34.0 | 49.6 | 0.11 | 1.11 | 4.76 | 5.87 | 1.03 | 1.19 | 2.22 | — | 15,157 | 15,157 | 0.36 | 1.12 | 13.4 | 15,514 |
| Mit. | 3.30 | 9.78 | 20.9 | 51.6 | 0.11 | 0.51 | 4.76 | 5.27 | 0.48 | 1.19 | 1.68 | — | 15,157 | 15,157 | 0.36 | 1.12 | 13.4 | 15,514 |
| % Reduced | 30% | 50% | 39% | -4% | — | 54% | — | 10% | 53% | — | 25% | — | — | — | — | — | — | — |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 0.85 | 3.55 | 6.21 | 9.05 | 0.02 | 0.20 | 0.87 | 1.07 | 0.19 | 0.22 | 0.41 | — | 2,509 | 2,509 | 0.06 | 0.19 | 2.21 | 2,569 |
| Mit. | 0.60 | 1.79 | 3.82 | 9.41 | 0.02 | 0.09 | 0.87 | 0.96 | 0.09 | 0.22 | 0.31 | — | 2,509 | 2,509 | 0.06 | 0.19 | 2.21 | 2,569 |
| % Reduced | 30% | 50% | 39% | -4% | — | 54% | — | 10% | 53% | — | 25% | — | — | — | — | — | — | — |

2.2. Construction Emissions by Year, Unmitigated

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

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|------|--------|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 10.4 | 56.2 | 71.1 | 115 | 0.24 | 2.60 | 11.0 | 13.3 | 2.40 | 2.78 | 4.84 | — | 34,859 | 34,859 | 0.74 | 2.69 | 72.6 | 35,750 |
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 11.2 | 36.0 | 97.1 | 105 | 0.25 | 3.54 | 11.0 | 13.6 | 3.28 | 2.86 | 6.15 | — | 34,522 | 34,522 | 0.78 | 2.70 | 1.95 | 35,347 |
| 2025 | 9.81 | 49.7 | 72.4 | 102 | 0.24 | 2.23 | 11.0 | 13.3 | 2.07 | 2.78 | 4.84 | — | 34,056 | 34,056 | 0.76 | 2.69 | 1.88 | 34,877 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 1.56 | 4.49 | 12.9 | 13.9 | 0.04 | 0.44 | 1.63 | 2.08 | 0.41 | 0.44 | 0.85 | — | 5,156 | 5,156 | 0.11 | 0.44 | 3.84 | 5,293 |
| 2025 | 4.68 | 19.5 | 34.0 | 49.6 | 0.11 | 1.11 | 4.76 | 5.87 | 1.03 | 1.19 | 2.22 | — | 15,157 | 15,157 | 0.36 | 1.12 | 13.4 | 15,514 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 0.28 | 0.82 | 2.35 | 2.53 | 0.01 | 0.08 | 0.30 | 0.38 | 0.07 | 0.08 | 0.16 | — | 854 | 854 | 0.02 | 0.07 | 0.64 | 876 |
| 2025 | 0.85 | 3.55 | 6.21 | 9.05 | 0.02 | 0.20 | 0.87 | 1.07 | 0.19 | 0.22 | 0.41 | — | 2,509 | 2,509 | 0.06 | 0.19 | 2.21 | 2,569 |

2.3. Construction Emissions by Year, Mitigated

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

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------|------|------|------|-----|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|------|--------|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 7.64 | 26.3 | 45.7 | 119 | 0.24 | 1.09 | 11.0 | 12.1 | 1.03 | 2.78 | 3.81 | — | 34,859 | 34,859 | 0.74 | 2.69 | 72.6 | 35,750 |
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---------------|------|------|------|------|------|------|------|------|------|------|------|---|--------|--------|------|------|------|--------|
| 2024 | 7.74 | 18.6 | 48.7 | 109 | 0.25 | 1.17 | 11.0 | 12.2 | 1.11 | 2.86 | 3.97 | — | 34,522 | 34,522 | 0.78 | 2.70 | 1.95 | 35,347 |
| 2025 | 7.09 | 22.9 | 46.9 | 106 | 0.24 | 1.09 | 11.0 | 12.1 | 1.03 | 2.78 | 3.81 | — | 34,056 | 34,056 | 0.76 | 2.69 | 1.88 | 34,877 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 0.87 | 2.18 | 6.63 | 15.1 | 0.04 | 0.16 | 1.63 | 1.80 | 0.16 | 0.44 | 0.60 | — | 5,156 | 5,156 | 0.11 | 0.44 | 3.84 | 5,293 |
| 2025 | 3.30 | 9.78 | 20.9 | 51.6 | 0.11 | 0.51 | 4.76 | 5.27 | 0.48 | 1.19 | 1.68 | — | 15,157 | 15,157 | 0.36 | 1.12 | 13.4 | 15,514 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 0.16 | 0.40 | 1.21 | 2.76 | 0.01 | 0.03 | 0.30 | 0.33 | 0.03 | 0.08 | 0.11 | — | 854 | 854 | 0.02 | 0.07 | 0.64 | 876 |
| 2025 | 0.60 | 1.79 | 3.82 | 9.41 | 0.02 | 0.09 | 0.87 | 0.96 | 0.09 | 0.22 | 0.31 | — | 2,509 | 2,509 | 0.06 | 0.19 | 2.21 | 2,569 |

2.4. Operations Emissions Compared Against Thresholds

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

| Un/Mit. | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|--------|-----|--------|-------|-------|--------|--------|--------|--------|------|---------|---------|------|--------|-----|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 25.1 | 53.2 | 194 | 187 | 1.92 | 4.71 | 78.8 | 83.5 | 4.52 | 20.8 | 25.4 | 778 | 233,546 | 234,324 | 82.4 | 25.7 | 766 | 244,796 |
| Mit. | 14.6 | 42.6 | 193 | 128 | 1.91 | 4.61 | 78.8 | 83.4 | 4.44 | 20.8 | 25.3 | 209 | 225,078 | 225,287 | 24.8 | 25.6 | 766 | 234,287 |
| % Reduced | 42% | 20% | < 0.5% | 31% | < 0.5% | 2% | — | < 0.5% | 2% | — | < 0.5% | 73% | 4% | 4% | 70% | < 0.5% | — | 4% |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 13.8 | 42.8 | 203 | 108 | 1.89 | 4.61 | 78.8 | 83.4 | 4.44 | 20.8 | 25.3 | 778 | 231,252 | 232,030 | 82.4 | 25.7 | 123 | 241,875 |
| Mit. | 13.8 | 41.7 | 203 | 108 | 1.89 | 4.61 | 78.8 | 83.4 | 4.44 | 20.8 | 25.3 | 209 | 222,989 | 223,199 | 24.8 | 25.6 | 123 | 231,572 |
| % Reduced | — | 2% | — | — | — | — | — | — | — | — | — | 73% | 4% | 4% | 70% | < 0.5% | — | 4% |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|--------------|------|------|--------|------|--------|------|------|--------|------|------|--------|------|---------|---------|------|--------|------|---------|
| Unmit. | 19.0 | 47.5 | 205 | 137 | 1.89 | 4.64 | 78.7 | 83.3 | 4.46 | 20.8 | 25.3 | 778 | 230,739 | 231,516 | 82.4 | 25.7 | 391 | 241,631 |
| Mit. | 13.8 | 41.7 | 205 | 108 | 1.89 | 4.59 | 78.7 | 83.3 | 4.42 | 20.8 | 25.3 | 209 | 222,374 | 222,584 | 24.8 | 25.6 | 391 | 231,227 |
| % Reduced | 27% | 12% | < 0.5% | 21% | < 0.5% | 1% | — | < 0.5% | 1% | — | < 0.5% | 73% | 4% | 4% | 70% | < 0.5% | — | 4% |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 3.46 | 8.68 | 37.4 | 25.0 | 0.34 | 0.85 | 14.4 | 15.2 | 0.81 | 3.80 | 4.62 | 129 | 38,201 | 38,330 | 13.6 | 4.26 | 64.7 | 40,005 |
| Mit. | 2.52 | 7.62 | 37.4 | 19.7 | 0.34 | 0.84 | 14.4 | 15.2 | 0.81 | 3.80 | 4.61 | 34.7 | 36,817 | 36,851 | 4.10 | 4.24 | 64.7 | 38,282 |
| % Reduced | 27% | 12% | < 0.5% | 21% | < 0.5% | 1% | — | < 0.5% | 1% | — | < 0.5% | 73% | 4% | 4% | 70% | < 0.5% | — | 4% |

2.5. Operations Emissions by Sector, Unmitigated

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

| Sector | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|---------|---------|------|---------|------|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 13.5 | 12.1 | 183 | 114 | 1.84 | 3.86 | 78.8 | 82.6 | 3.69 | 20.8 | 24.5 | — | 193,236 | 193,236 | 0.90 | 25.2 | 660 | 201,441 |
| Area | 10.5 | 40.5 | 0.49 | 58.8 | < 0.005 | 0.10 | — | 0.10 | 0.08 | — | 0.08 | — | 242 | 242 | 0.01 | < 0.005 | — | 243 |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 38,729 | 38,729 | 3.61 | 0.34 | — | 38,920 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 27.4 | 80.1 | 108 | 2.82 | 0.07 | — | 198 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 750 | 0.00 | 750 | 75.0 | 0.00 | — | 2,625 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Stationary | 0.12 | 0.12 | 0.63 | 6.28 | 0.01 | 0.02 | 0.00 | 0.02 | 0.02 | 0.00 | 0.02 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 25.1 | 53.2 | 194 | 187 | 1.92 | 4.71 | 78.8 | 83.5 | 4.52 | 20.8 | 25.4 | 778 | 233,546 | 234,324 | 82.4 | 25.7 | 766 | 244,796 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---------------|------|------|------|------|---------|---------|------|---------|---------|------|---------|------|---------|---------|---------|---------|------|---------|
| Mobile | 12.6 | 11.3 | 193 | 93.7 | 1.82 | 3.86 | 78.8 | 82.6 | 3.69 | 20.8 | 24.5 | — | 191,183 | 191,183 | 0.94 | 25.3 | 17.1 | 198,762 |
| Area | — | 30.9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 38,729 | 38,729 | 3.61 | 0.34 | — | 38,920 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 27.4 | 80.1 | 108 | 2.82 | 0.07 | — | 198 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 750 | 0.00 | 750 | 75.0 | 0.00 | — | 2,625 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Stationary | 0.12 | 0.12 | 0.63 | 6.28 | 0.01 | 0.02 | 0.00 | 0.02 | 0.02 | 0.00 | 0.02 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 13.8 | 42.8 | 203 | 108 | 1.89 | 4.61 | 78.8 | 83.4 | 4.44 | 20.8 | 25.3 | 778 | 231,252 | 232,030 | 82.4 | 25.7 | 123 | 241,875 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 12.8 | 11.4 | 195 | 99.1 | 1.83 | 3.86 | 78.7 | 82.6 | 3.69 | 20.8 | 24.5 | — | 191,637 | 191,637 | 0.95 | 25.3 | 285 | 199,490 |
| Area | 5.16 | 35.6 | 0.24 | 29.0 | < 0.005 | 0.05 | — | 0.05 | 0.04 | — | 0.04 | — | 119 | 119 | 0.01 | < 0.005 | — | 120 |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 38,729 | 38,729 | 3.61 | 0.34 | — | 38,920 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 27.4 | 80.1 | 108 | 2.82 | 0.07 | — | 198 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 750 | 0.00 | 750 | 75.0 | 0.00 | — | 2,625 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Stationary | 0.02 | 0.02 | 0.09 | 0.86 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 173 | 173 | 0.01 | < 0.005 | 0.00 | 173 |
| Total | 19.0 | 47.5 | 205 | 137 | 1.89 | 4.64 | 78.7 | 83.3 | 4.46 | 20.8 | 25.3 | 778 | 230,739 | 231,516 | 82.4 | 25.7 | 391 | 241,631 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 2.33 | 2.07 | 35.6 | 18.1 | 0.33 | 0.71 | 14.4 | 15.1 | 0.67 | 3.80 | 4.48 | — | 31,728 | 31,728 | 0.16 | 4.19 | 47.2 | 33,028 |
| Area | 0.94 | 6.50 | 0.04 | 5.29 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 19.7 | 19.7 | < 0.005 | < 0.005 | — | 19.8 |
| Energy | 0.19 | 0.10 | 1.73 | 1.46 | 0.01 | 0.13 | — | 0.13 | 0.13 | — | 0.13 | — | 6,412 | 6,412 | 0.60 | 0.06 | — | 6,444 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 4.54 | 13.3 | 17.8 | 0.47 | 0.01 | — | 32.8 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 124 | 0.00 | 124 | 12.4 | 0.00 | — | 435 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 17.5 | 17.5 |

| | | | | | | | | | | | | | | | | | | |
|------------|---------|---------|------|------|---------|---------|------|---------|---------|------|---------|------|--------|--------|---------|---------|------|--------|
| Off-Road | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Stationary | < 0.005 | < 0.005 | 0.02 | 0.16 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 28.6 | 28.6 | < 0.005 | < 0.005 | 0.00 | 28.7 |
| Total | 3.46 | 8.68 | 37.4 | 25.0 | 0.34 | 0.85 | 14.4 | 15.2 | 0.81 | 3.80 | 4.62 | 129 | 38,201 | 38,330 | 13.6 | 4.26 | 64.7 | 40,005 |

2.6. Operations Emissions by Sector, Mitigated

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

| Sector | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|---------|---------|------|------|------|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 13.5 | 12.1 | 183 | 114 | 1.84 | 3.86 | 78.8 | 82.6 | 3.69 | 20.8 | 24.5 | — | 193,236 | 193,236 | 0.90 | 25.2 | 660 | 201,441 |
| Area | — | 29.8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 30,519 | 30,519 | 2.83 | 0.24 | — | 30,662 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 21.9 | 64.1 | 86.0 | 2.25 | 0.05 | — | 159 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 188 | 0.00 | 188 | 18.7 | 0.00 | — | 656 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Stationary | 0.12 | 0.12 | 0.63 | 6.28 | 0.01 | 0.02 | 0.00 | 0.02 | 0.02 | 0.00 | 0.02 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 14.6 | 42.6 | 193 | 128 | 1.91 | 4.61 | 78.8 | 83.4 | 4.44 | 20.8 | 25.3 | 209 | 225,078 | 225,287 | 24.8 | 25.6 | 766 | 234,287 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 12.6 | 11.3 | 193 | 93.7 | 1.82 | 3.86 | 78.8 | 82.6 | 3.69 | 20.8 | 24.5 | — | 191,183 | 191,183 | 0.94 | 25.3 | 17.1 | 198,762 |
| Area | — | 29.8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 30,483 | 30,483 | 2.83 | 0.24 | — | 30,626 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 21.9 | 64.1 | 86.0 | 2.25 | 0.05 | — | 159 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 188 | 0.00 | 188 | 18.7 | 0.00 | — | 656 |

| | | | | | | | | | | | | | | | | | | |
|---------------|---------|---------|------|------|---------|---------|------|---------|---------|------|---------|------|---------|---------|---------|---------|------|---------|
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Stationary | 0.12 | 0.12 | 0.63 | 6.28 | 0.01 | 0.02 | 0.00 | 0.02 | 0.02 | 0.00 | 0.02 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 13.8 | 41.7 | 203 | 108 | 1.89 | 4.61 | 78.8 | 83.4 | 4.44 | 20.8 | 25.3 | 209 | 222,989 | 223,199 | 24.8 | 25.6 | 123 | 231,572 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 12.8 | 11.4 | 195 | 99.1 | 1.83 | 3.86 | 78.7 | 82.6 | 3.69 | 20.8 | 24.5 | — | 191,637 | 191,637 | 0.95 | 25.3 | 285 | 199,490 |
| Area | — | 29.8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 30,500 | 30,500 | 2.83 | 0.24 | — | 30,644 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 21.9 | 64.1 | 86.0 | 2.25 | 0.05 | — | 159 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 188 | 0.00 | 188 | 18.7 | 0.00 | — | 656 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Stationary | 0.02 | 0.02 | 0.09 | 0.86 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 173 | 173 | 0.01 | < 0.005 | 0.00 | 173 |
| Total | 13.8 | 41.7 | 205 | 108 | 1.89 | 4.59 | 78.7 | 83.3 | 4.42 | 20.8 | 25.3 | 209 | 222,374 | 222,584 | 24.8 | 25.6 | 391 | 231,227 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 2.33 | 2.07 | 35.6 | 18.1 | 0.33 | 0.71 | 14.4 | 15.1 | 0.67 | 3.80 | 4.48 | — | 31,728 | 31,728 | 0.16 | 4.19 | 47.2 | 33,028 |
| Area | — | 5.45 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 0.19 | 0.10 | 1.73 | 1.46 | 0.01 | 0.13 | — | 0.13 | 0.13 | — | 0.13 | — | 5,050 | 5,050 | 0.47 | 0.04 | — | 5,073 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 3.63 | 10.6 | 14.2 | 0.37 | 0.01 | — | 26.2 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 31.1 | 0.00 | 31.1 | 3.10 | 0.00 | — | 109 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 17.5 | 17.5 |
| Off-Road | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Stationary | < 0.005 | < 0.005 | 0.02 | 0.16 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 28.6 | 28.6 | < 0.005 | < 0.005 | 0.00 | 28.7 |
| Total | 2.52 | 7.62 | 37.4 | 19.7 | 0.34 | 0.84 | 14.4 | 15.2 | 0.81 | 3.80 | 4.61 | 34.7 | 36,817 | 36,851 | 4.10 | 4.24 | 64.7 | 38,282 |

| | | | | | | | | | | | | | | | | | | |
|---------|---------|---------|------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|------|------|
| Vendor | < 0.005 | < 0.005 | 0.06 | 0.03 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | 0.01 | — | 57.6 | 57.6 | < 0.005 | 0.01 | 0.07 | 60.0 |
| Hauling | 0.01 | 0.01 | 0.54 | 0.11 | < 0.005 | 0.01 | 0.12 | 0.13 | 0.01 | 0.03 | 0.04 | — | 453 | 453 | < 0.005 | 0.07 | 0.42 | 475 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.02 | 0.16 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 | — | 31.8 | 31.8 | < 0.005 | < 0.005 | 0.06 | 32.3 |
| Vendor | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 9.54 | 9.54 | < 0.005 | < 0.005 | 0.01 | 9.93 |
| Hauling | < 0.005 | < 0.005 | 0.10 | 0.02 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | 0.01 | 0.01 | — | 74.9 | 74.9 | < 0.005 | 0.01 | 0.07 | 78.6 |

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|---------|---------|------|------|------|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 1.05 | 0.95 | 14.9 | 9.59 | 0.17 | 0.32 | 6.52 | 6.84 | 0.31 | 1.72 | 2.03 | — | 17,405 | 17,405 | 0.08 | 2.30 | 49.7 | 18,142 |
| Unrefrigerated Warehouse-Rail | 5.65 | 5.00 | 101 | 44.0 | 0.96 | 2.15 | 38.6 | 40.8 | 2.06 | 10.3 | 12.3 | — | 101,098 | 101,098 | 0.37 | 13.9 | 343 | 105,587 |
| General Heavy Industry | 6.77 | 6.14 | 67.1 | 60.6 | 0.72 | 1.39 | 33.6 | 35.0 | 1.33 | 8.85 | 10.2 | — | 74,733 | 74,733 | 0.46 | 9.07 | 267 | 77,712 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|---------|---------|------|------|------|---------|------|
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 13.5 | 12.1 | 183 | 114 | 1.84 | 3.86 | 78.8 | 82.6 | 3.69 | 20.8 | 24.5 | — | 193,236 | 193,236 | 0.90 | 25.2 | 660 | 201,441 | |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Unrefrigerated Warehouse-No Rail | 0.98 | 0.87 | 15.7 | 7.69 | 0.16 | 0.32 | 6.52 | 6.84 | 0.31 | 1.72 | 2.03 | — | 17,214 | 17,214 | 0.08 | 2.30 | 1.29 | 17,904 | |
| Unrefrigerated Warehouse-Rail | 5.37 | 4.72 | 106 | 37.9 | 0.96 | 2.15 | 38.6 | 40.8 | 2.06 | 10.3 | 12.3 | — | 100,500 | 100,500 | 0.38 | 13.9 | 8.90 | 104,661 | |
| General Heavy Industry | 6.29 | 5.66 | 70.7 | 48.1 | 0.70 | 1.39 | 33.6 | 35.0 | 1.33 | 8.85 | 10.2 | — | 73,469 | 73,469 | 0.48 | 9.09 | 6.93 | 76,197 | |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Total | 12.6 | 11.3 | 193 | 93.7 | 1.82 | 3.86 | 78.8 | 82.6 | 3.69 | 20.8 | 24.5 | — | 191,183 | 191,183 | 0.94 | 25.3 | 17.1 | 198,762 | |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Unrefrigerated Warehouse-No Rail | 0.18 | 0.16 | 2.91 | 1.50 | 0.03 | 0.06 | 1.19 | 1.25 | 0.06 | 0.31 | 0.37 | — | 2,857 | 2,857 | 0.01 | 0.38 | 3.55 | 2,975 | |
| Unrefrigerated Warehouse-Rail | 0.99 | 0.87 | 19.6 | 7.19 | 0.17 | 0.39 | 7.04 | 7.43 | 0.38 | 1.87 | 2.25 | — | 16,660 | 16,660 | 0.06 | 2.30 | 24.5 | 17,372 | |

| | | | | | | | | | | | | | | | | | | |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|---|--------|--------|------|------|------|--------|
| General Heavy Industry | 1.16 | 1.04 | 13.1 | 9.39 | 0.13 | 0.25 | 6.14 | 6.39 | 0.24 | 1.61 | 1.86 | — | 12,211 | 12,211 | 0.08 | 1.51 | 19.1 | 12,681 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 2.33 | 2.07 | 35.6 | 18.1 | 0.33 | 0.71 | 14.4 | 15.1 | 0.67 | 3.80 | 4.48 | — | 31,728 | 31,728 | 0.16 | 4.19 | 47.2 | 33,028 |

4.1.2. Mitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|---------|---------|------|------|------|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 1.05 | 0.95 | 14.9 | 9.59 | 0.17 | 0.32 | 6.52 | 6.84 | 0.31 | 1.72 | 2.03 | — | 17,405 | 17,405 | 0.08 | 2.30 | 49.7 | 18,142 |
| Unrefrigerated Warehouse-Rail | 5.65 | 5.00 | 101 | 44.0 | 0.96 | 2.15 | 38.6 | 40.8 | 2.06 | 10.3 | 12.3 | — | 101,098 | 101,098 | 0.37 | 13.9 | 343 | 105,587 |
| General Heavy Industry | 6.77 | 6.14 | 67.1 | 60.6 | 0.72 | 1.39 | 33.6 | 35.0 | 1.33 | 8.85 | 10.2 | — | 74,733 | 74,733 | 0.46 | 9.07 | 267 | 77,712 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 13.5 | 12.1 | 183 | 114 | 1.84 | 3.86 | 78.8 | 82.6 | 3.69 | 20.8 | 24.5 | — | 193,236 | 193,236 | 0.90 | 25.2 | 660 | 201,441 |

| | | | | | | | | | | | | | | | | | | |
|----------------------------------|------|------|------|------|------|------|------|------|------|------|------|---|---------|---------|------|------|------|---------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.98 | 0.87 | 15.7 | 7.69 | 0.16 | 0.32 | 6.52 | 6.84 | 0.31 | 1.72 | 2.03 | — | 17,214 | 17,214 | 0.08 | 2.30 | 1.29 | 17,904 |
| Unrefrigerated Warehouse-Rail | 5.37 | 4.72 | 106 | 37.9 | 0.96 | 2.15 | 38.6 | 40.8 | 2.06 | 10.3 | 12.3 | — | 100,500 | 100,500 | 0.38 | 13.9 | 8.90 | 104,661 |
| General Heavy Industry | 6.29 | 5.66 | 70.7 | 48.1 | 0.70 | 1.39 | 33.6 | 35.0 | 1.33 | 8.85 | 10.2 | — | 73,469 | 73,469 | 0.48 | 9.09 | 6.93 | 76,197 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 12.6 | 11.3 | 193 | 93.7 | 1.82 | 3.86 | 78.8 | 82.6 | 3.69 | 20.8 | 24.5 | — | 191,183 | 191,183 | 0.94 | 25.3 | 17.1 | 198,762 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.18 | 0.16 | 2.91 | 1.50 | 0.03 | 0.06 | 1.19 | 1.25 | 0.06 | 0.31 | 0.37 | — | 2,857 | 2,857 | 0.01 | 0.38 | 3.55 | 2,975 |
| Unrefrigerated Warehouse-Rail | 0.99 | 0.87 | 19.6 | 7.19 | 0.17 | 0.39 | 7.04 | 7.43 | 0.38 | 1.87 | 2.25 | — | 16,660 | 16,660 | 0.06 | 2.30 | 24.5 | 17,372 |
| General Heavy Industry | 1.16 | 1.04 | 13.1 | 9.39 | 0.13 | 0.25 | 6.14 | 6.39 | 0.24 | 1.61 | 1.86 | — | 12,211 | 12,211 | 0.08 | 1.51 | 19.1 | 12,681 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|---|--------|--------|------|------|------|--------|
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 2.33 | 2.07 | 35.6 | 18.1 | 0.33 | 0.71 | 14.4 | 15.1 | 0.67 | 3.80 | 4.48 | — | 31,728 | 31,728 | 0.16 | 4.19 | 47.2 | 33,028 |

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|--------|--------|------|---------|---|--------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 838 | 838 | 0.08 | 0.01 | — | 843 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | 3,303 | 3,303 | 0.31 | 0.04 | — | 3,322 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | 3,673 | 3,673 | 0.35 | 0.04 | — | 3,694 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | 432 | 432 | 0.04 | < 0.005 | — | 435 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| undefined | — | — | — | — | — | — | — | — | — | — | — | — | 19,143 | 19,143 | 1.82 | 0.22 | — | 19,254 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 27,389 | 27,389 | 2.61 | 0.32 | — | 27,549 |

| | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|--------|--------|------|---------|---|--------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 838 | 838 | 0.08 | 0.01 | — | 843 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | 3,303 | 3,303 | 0.31 | 0.04 | — | 3,322 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | 3,673 | 3,673 | 0.35 | 0.04 | — | 3,694 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | 432 | 432 | 0.04 | < 0.005 | — | 435 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| undefined | — | — | — | — | — | — | — | — | — | — | — | — | 19,143 | 19,143 | 1.82 | 0.22 | — | 19,254 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 27,389 | 27,389 | 2.61 | 0.32 | — | 27,549 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 139 | 139 | 0.01 | < 0.005 | — | 140 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | 547 | 547 | 0.05 | 0.01 | — | 550 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | 608 | 608 | 0.06 | 0.01 | — | 612 |

| | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|-------|-------|------|---------|---|-------|
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | 71.6 | 71.6 | 0.01 | < 0.005 | — | 72.0 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| undefined | — | — | — | — | — | — | — | — | — | — | — | — | 3,169 | 3,169 | 0.30 | 0.04 | — | 3,188 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 4,535 | 4,535 | 0.43 | 0.05 | — | 4,561 |

4.2.2. Electricity Emissions By Land Use - Mitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|---------|---------|---------|---------|---|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 5.09 | 5.09 | < 0.005 | < 0.005 | — | 5.12 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | 20.1 | 20.1 | < 0.005 | < 0.005 | — | 20.2 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | 10.8 | 10.8 | < 0.005 | < 0.005 | — | 10.9 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | < 0.005 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| undefined | — | — | — | — | — | — | — | — | — | — | — | — | 19,143 | 19,143 | 1.82 | 0.22 | — | 19,254 |

| | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---------|---------|---------|---------|---|---------|
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 19,178 | 19,178 | 1.83 | 0.22 | — | 19,290 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | < 0.005 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | < 0.005 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| undefined | — | — | — | — | — | — | — | — | — | — | — | — | 19,143 | 19,143 | 1.82 | 0.22 | — | 19,254 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 19,143 | 19,143 | 1.82 | 0.22 | — | 19,254 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 0.42 | 0.42 | < 0.005 | < 0.005 | — | 0.42 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | 1.64 | 1.64 | < 0.005 | < 0.005 | — | 1.65 |

| | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---------|---------|---------|---------|---|---------|
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | 0.88 | 0.88 | < 0.005 | < 0.005 | — | 0.89 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | < 0.005 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| undefined | — | — | — | — | — | — | — | — | — | — | — | — | 3,169 | 3,169 | 0.30 | 0.04 | — | 3,188 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 3,172 | 3,172 | 0.30 | 0.04 | — | 3,191 |

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|---------|---|-------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.11 | 0.05 | 0.98 | 0.82 | 0.01 | 0.07 | — | 0.07 | 0.07 | — | 0.07 | — | 1,166 | 1,166 | 0.10 | < 0.005 | — | 1,169 |
| Unrefrigerated Warehouse-Rail | 0.42 | 0.21 | 3.85 | 3.23 | 0.02 | 0.29 | — | 0.29 | 0.29 | — | 0.29 | — | 4,594 | 4,594 | 0.41 | 0.01 | — | 4,607 |
| General Heavy Industry | 0.51 | 0.26 | 4.68 | 3.93 | 0.03 | 0.36 | — | 0.36 | 0.36 | — | 0.36 | — | 5,580 | 5,580 | 0.49 | 0.01 | — | 5,596 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|------------------------|------|------|------|------|---------|------|---|------|------|---|------|---|------|------|---------|---------|---|------|
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | — | 5.30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | — | 0.33 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 0.94 | 0.87 | 0.04 | 5.29 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 19.7 | 19.7 | < 0.005 | < 0.005 | — | 19.8 |
| Total | 0.94 | 6.50 | 0.04 | 5.29 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 19.7 | 19.7 | < 0.005 | < 0.005 | — | 19.8 |

4.3.2. Mitigated

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

| Source | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|------------------------|-----|------|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | — | 29.0 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | — | 0.80 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | 29.8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | — | 29.0 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|------------------------|---|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Architectural Coatings | — | 0.80 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | 29.8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | — | 5.30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | — | 0.15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | 5.45 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|------|---|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 3.88 | 13.1 | 16.9 | 0.40 | 0.01 | — | 29.8 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 15.3 | 43.6 | 58.9 | 1.57 | 0.04 | — | 109 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | 8.23 | 23.5 | 31.7 | 0.85 | 0.02 | — | 58.9 |

| | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|------|------|------|------|---------|---|------|
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 27.4 | 80.1 | 108 | 2.82 | 0.07 | — | 198 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 3.88 | 13.1 | 16.9 | 0.40 | 0.01 | — | 29.8 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 15.3 | 43.6 | 58.9 | 1.57 | 0.04 | — | 109 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | 8.23 | 23.5 | 31.7 | 0.85 | 0.02 | — | 58.9 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 27.4 | 80.1 | 108 | 2.82 | 0.07 | — | 198 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 0.64 | 2.16 | 2.81 | 0.07 | < 0.005 | — | 4.93 |

| | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|------|------|------|------|---------|---|------|
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 2.53 | 7.22 | 9.75 | 0.26 | 0.01 | — | 18.1 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | 1.36 | 3.89 | 5.25 | 0.14 | < 0.005 | — | 9.76 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 4.54 | 13.3 | 17.8 | 0.47 | 0.01 | — | 32.8 |

4.4.2. Mitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|------|---|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 3.11 | 10.4 | 13.6 | 0.32 | 0.01 | — | 23.8 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 12.2 | 34.9 | 47.1 | 1.26 | 0.03 | — | 87.6 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | 6.59 | 18.8 | 25.4 | 0.68 | 0.02 | — | 47.1 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|------|------|------|------|---------|---|------|
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 21.9 | 64.1 | 86.0 | 2.25 | 0.05 | — | 159 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 3.11 | 10.4 | 13.6 | 0.32 | 0.01 | — | 23.8 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 12.2 | 34.9 | 47.1 | 1.26 | 0.03 | — | 87.6 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | 6.59 | 18.8 | 25.4 | 0.68 | 0.02 | — | 47.1 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 21.9 | 64.1 | 86.0 | 2.25 | 0.05 | — | 159 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 0.51 | 1.73 | 2.24 | 0.05 | < 0.005 | — | 3.95 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 2.03 | 5.77 | 7.80 | 0.21 | 0.01 | — | 14.5 |

| | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|------|------|------|------|---------|---|------|
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | 1.09 | 3.11 | 4.20 | 0.11 | < 0.005 | — | 7.81 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 3.63 | 10.6 | 14.2 | 0.37 | 0.01 | — | 26.2 |

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|------|---|-------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 97.0 | 0.00 | 97.0 | 9.69 | 0.00 | — | 339 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 382 | 0.00 | 382 | 38.2 | 0.00 | — | 1,336 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | 271 | 0.00 | 271 | 27.1 | 0.00 | — | 949 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|------|------|------|------|------|---|-------|
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 750 | 0.00 | 750 | 75.0 | 0.00 | — | 2,625 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 97.0 | 0.00 | 97.0 | 9.69 | 0.00 | — | 339 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 382 | 0.00 | 382 | 38.2 | 0.00 | — | 1,336 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | 271 | 0.00 | 271 | 27.1 | 0.00 | — | 949 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 750 | 0.00 | 750 | 75.0 | 0.00 | — | 2,625 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 16.1 | 0.00 | 16.1 | 1.60 | 0.00 | — | 56.2 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 63.2 | 0.00 | 63.2 | 6.32 | 0.00 | — | 221 |

| | | | | | | | | | | | | | | | | | | |
|-----------------------------------|------|------|------|------|------|------|---|------|------|---|------|---|------|------|------|------|---|------|
| Forklifts | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Material Handling Equipment | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Forklifts | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Material Handling Equipment | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Forklifts | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Material Handling Equipment | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

4.7.2. Mitigated

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

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|------|------|------|---|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Forklifts | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|-----------------------------------|------|------|------|------|------|------|---|------|------|---|------|---|------|------|------|------|---|------|
| Other Material Handling Equipment | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Forklifts | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Material Handling Equipment | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Forklifts | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Material Handling Equipment | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

| | | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|------|------|---------|---------|------|---------|---------|------|---------|------|-------|-------|---------|---------|------|-------|
| Emergency | 0.12 | 0.12 | 0.63 | 6.28 | 0.01 | 0.02 | 0.00 | 0.02 | 0.02 | 0.00 | 0.02 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 0.12 | 0.12 | 0.63 | 6.28 | 0.01 | 0.02 | 0.00 | 0.02 | 0.02 | 0.00 | 0.02 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Emergency Generator | 0.12 | 0.12 | 0.63 | 6.28 | 0.01 | 0.02 | 0.00 | 0.02 | 0.02 | 0.00 | 0.02 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 0.12 | 0.12 | 0.63 | 6.28 | 0.01 | 0.02 | 0.00 | 0.02 | 0.02 | 0.00 | 0.02 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Emergency Generator | < 0.005 | < 0.005 | 0.02 | 0.16 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 28.6 | 28.6 | < 0.005 | < 0.005 | 0.00 | 28.7 |
| Total | < 0.005 | < 0.005 | 0.02 | 0.16 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 28.6 | 28.6 | < 0.005 | < 0.005 | 0.00 | 28.7 |

4.8.2. Mitigated

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

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Emergency Generator | 0.12 | 0.12 | 0.63 | 6.28 | 0.01 | 0.02 | 0.00 | 0.02 | 0.02 | 0.00 | 0.02 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 0.12 | 0.12 | 0.63 | 6.28 | 0.01 | 0.02 | 0.00 | 0.02 | 0.02 | 0.00 | 0.02 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|------|------|---------|---------|------|---------|---------|------|---------|------|-------|-------|---------|---------|------|-------|
| Emergency Generator | 0.12 | 0.12 | 0.63 | 6.28 | 0.01 | 0.02 | 0.00 | 0.02 | 0.02 | 0.00 | 0.02 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 0.12 | 0.12 | 0.63 | 6.28 | 0.01 | 0.02 | 0.00 | 0.02 | 0.02 | 0.00 | 0.02 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Emergency Generator | < 0.005 | < 0.005 | 0.02 | 0.16 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 28.6 | 28.6 | < 0.005 | < 0.005 | 0.00 | 28.7 |
| Total | < 0.005 | < 0.005 | 0.02 | 0.16 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 28.6 | 28.6 | < 0.005 | < 0.005 | 0.00 | 28.7 |

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.9.2. Mitigated

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

| | | | | | | | | |
|-------------------------------|-------|-------|-------|---------|--------|--------|--------|------------|
| Unrefrigerated Warehouse-Rail | 610 | 610 | 610 | 222,664 | 37,883 | 37,883 | 37,883 | 13,827,444 |
| General Heavy Industry | 1,554 | 1,554 | 1,554 | 567,245 | 15,675 | 15,675 | 15,675 | 5,721,237 |
| General Heavy Industry | 423 | 423 | 423 | 154,441 | 26,234 | 26,234 | 26,234 | 9,575,321 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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 | 237 | 237 | 237 | 86,610 | 2,393 | 2,393 | 2,393 | 873,551 |
| Unrefrigerated Warehouse-No Rail | 90.0 | 90.0 | 90.0 | 32,852 | 5,589 | 5,589 | 5,589 | 2,040,118 |
| Unrefrigerated Warehouse-Rail | 755 | 755 | 755 | 275,466 | 7,612 | 7,612 | 7,612 | 2,778,353 |
| Unrefrigerated Warehouse-Rail | 610 | 610 | 610 | 222,664 | 37,883 | 37,883 | 37,883 | 13,827,444 |
| General Heavy Industry | 1,554 | 1,554 | 1,554 | 567,245 | 15,675 | 15,675 | 15,675 | 5,721,237 |
| General Heavy Industry | 423 | 423 | 423 | 154,441 | 26,234 | 26,234 | 26,234 | 9,575,321 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

5.10. Operational Area Sources

5.10.1. Hearths

| | | | | | | | |
|------------------------|-------------------------------------|--------|-------|------|------|------|------|
| General Heavy 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 |
|-----------------------------------|-----------|-------------|----------------|---------------|------------|-------------|
| Forklifts | Electric | Average | 82.0 | 24.0 | 82.0 | 0.20 |
| Forklifts | Electric | Average | 82.0 | 24.0 | 82.0 | 0.20 |
| Other Material Handling Equipment | Electric | Average | 5.00 | 24.0 | 200 | 0.40 |

5.15.2. Mitigated

| Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|-----------------------------------|-----------|-------------|----------------|---------------|------------|-------------|
| Forklifts | Electric | Average | 82.0 | 24.0 | 82.0 | 0.20 |
| Forklifts | Electric | Average | 82.0 | 24.0 | 82.0 | 0.20 |
| Other Material Handling Equipment | Electric | Average | 5.00 | 24.0 | 200 | 0.40 |

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

| Equipment Type | Fuel Type | Number per Day | Hours per Day | Hours per Year | Horsepower | Load Factor |
|---------------------|-----------|----------------|---------------|----------------|------------|-------------|
| Emergency Generator | Diesel | 3.00 | 1.00 | 50.0 | 500 | 0.73 |

5.16.2. Process Boilers

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

| Screen | Justification |
|---|--|
| Construction: Construction Phases | Construction schedule approved by applicant. |
| Construction: Off-Road Equipment | Construction equipment assumptions approved by the applicant. |
| Construction: Dust From Material Movement | Per preliminary project details, approximately 81.10 acres would be graded. 23 acres graded for offsite utilities and roadway improvements. |
| Construction: Trips and VMT | On-road vehicle assumptions approved by applicant. |
| Operations: Vehicle Data | Trip details consistent with traffic report. Truck hauling distance of 62.1 miles consistent with Mojave Industrial Park Supplemental VMT analysis (Urban Crossroads 2023). |
| Operations: Fleet Mix | % vehicle split consistent with traffic report. |
| Operations: Water and Waste Water | Landscaping for project included all within URW-NR. Water use consistent with assumptions from WSA (WSC, June 2023). |
| Operations: Off-Road Equipment | Operational off-road equipment consistent with SCAQMD High-Cube Warehouse Business Survey. |
| Operations: Generators + Pumps EF | Mitigated emergency generators would be equipped with CARB Tier 4 Final compliant engines. Tier 4 Final emission factors taken from CalEEMod Appendix G Table G-13 Offroad Equipment Emission Factors by Engine Tier (grams per horsepower-hour) |

MIP_Onsite&Offsite_Unmit_Trucks Only Custom Report

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 - 4.1.1. Unmitigated

1. Basic Project Information

1.1. Basic Project Information

| Data Field | Value |
|-----------------------------|---|
| Project Name | MIP_Onsite&Offsite_Unmit_Trucks Only |
| Operational Year | 2026 |
| Lead Agency | — |
| Land Use Scale | Project/site |
| Analysis Level for Defaults | County |
| Windspeed (m/s) | 2.80 |
| Precipitation (days) | 1.40 |
| Location | Mojave Dr & Onyx Rd, Victorville, CA 92394, USA |
| County | San Bernardino-Mojave Desert |
| City | Victorville |
| Air District | Mojave Desert AQMD |
| Air Basin | Mojave Desert |
| TAZ | 5102 |
| EDFZ | 10 |
| Electric Utility | Southern California Edison |
| Gas Utility | Southwest Gas Corp. |
| App Version | 2022.1.1.21 |

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 | 139 | 1000sqft | 3.19 | 138,765 | 490,000 | — | — | Passenger Vehicles |

| | | | | | | | | |
|----------------------------------|-------|----------|------|---------|---|---|---|--------------------|
| Unrefrigerated Warehouse-No Rail | 52.6 | 1000sqft | 1.21 | 52,635 | — | — | — | Trucks |
| Unrefrigerated Warehouse-Rail | 417 | 1000sqft | 9.57 | 416,962 | — | — | — | Passenger Vehicles |
| Unrefrigerated Warehouse-Rail | 337 | 1000sqft | 7.74 | 337,038 | — | — | — | Trucks |
| General Heavy Industry | 319 | 1000sqft | 7.33 | 319,116 | — | — | — | Passenger Vehicles |
| General Heavy Industry | 86.9 | 1000sqft | 1.99 | 86,884 | — | — | — | Trucks |
| Parking Lot | 1,327 | Space | 11.9 | 0.00 | — | — | — | — |
| Other Asphalt Surfaces | 1,003 | 1000sqft | 23.0 | 0.00 | — | — | — | — |

1.3. User-Selected Emission Reduction Measures by Emissions Sector

| Sector | # | Measure Title |
|--------------|---------|--|
| Construction | C-5 | Use Advanced Engine Tiers |
| Construction | C-13 | Use Low-VOC Paints for Construction |
| Energy | E-10-B | Establish Onsite Renewable Energy Systems: Solar Power |
| Water | W-7 | Adopt a Water Conservation Strategy |
| Waste | S-1/S-2 | Implement Waste Reduction Plan |
| Area Sources | AS-2 | Use Low-VOC Paints |

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

| | | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|---------|---------|------|--------|------|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 47.8 | 71.8 | 405 | 395 | 2.19 | 14.6 | 61.1 | 75.8 | 13.7 | 16.4 | 30.1 | 778 | 253,576 | 254,353 | 82.9 | 25.5 | 706 | 264,738 |
| Mit. | 47.8 | 70.7 | 405 | 395 | 2.19 | 14.6 | 61.1 | 75.8 | 13.7 | 16.4 | 30.1 | 209 | 245,313 | 245,522 | 25.3 | 25.4 | 706 | 254,435 |
| % Reduced | — | 1% | — | — | — | — | — | — | — | — | — | 73% | 3% | 3% | 69% | < 0.5% | — | 4% |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 37.2 | 62.0 | 413 | 336 | 2.19 | 14.5 | 61.1 | 75.7 | 13.6 | 16.4 | 30.0 | 778 | 253,372 | 254,150 | 82.8 | 25.6 | 121 | 263,957 |
| Mit. | 37.2 | 61.0 | 413 | 336 | 2.19 | 14.5 | 61.1 | 75.7 | 13.6 | 16.4 | 30.0 | 209 | 245,109 | 245,319 | 25.3 | 25.4 | 121 | 253,654 |
| % Reduced | — | 2% | — | — | — | — | — | — | — | — | — | 73% | 3% | 3% | 70% | < 0.5% | — | 4% |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 40.0 | 64.7 | 410 | 359 | 2.18 | 14.3 | 61.1 | 75.4 | 13.3 | 16.4 | 29.7 | 778 | 252,382 | 253,159 | 82.8 | 25.5 | 365 | 263,208 |
| Mit. | 40.0 | 63.6 | 410 | 359 | 2.18 | 14.3 | 61.1 | 75.4 | 13.3 | 16.4 | 29.7 | 209 | 244,119 | 244,329 | 25.2 | 25.4 | 365 | 252,905 |
| % Reduced | — | 2% | — | — | — | — | — | — | — | — | — | 73% | 3% | 3% | 70% | < 0.5% | — | 4% |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 7.31 | 11.8 | 74.8 | 65.6 | 0.40 | 2.61 | 11.2 | 13.8 | 2.43 | 2.99 | 5.43 | 129 | 41,785 | 41,913 | 13.7 | 4.23 | 60.4 | 43,577 |
| Mit. | 7.31 | 11.6 | 74.8 | 65.6 | 0.40 | 2.61 | 11.2 | 13.8 | 2.43 | 2.99 | 5.43 | 34.7 | 40,417 | 40,451 | 4.18 | 4.21 | 60.4 | 41,871 |
| % Reduced | — | 2% | — | — | — | — | — | — | — | — | — | 73% | 3% | 3% | 70% | < 0.5% | — | 4% |

2.5. Operations Emissions by Sector, Unmitigated

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

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

| | | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|---------|------|------|------|------|------|------|------|---------|---------|------|---------|------|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 6.71 | 5.70 | 180 | 42.5 | 1.67 | 3.79 | 61.1 | 64.9 | 3.62 | 16.4 | 20.0 | — | 175,395 | 175,395 | 0.44 | 24.8 | 600 | 183,409 |
| Area | 10.5 | 40.5 | 0.49 | 58.8 | < 0.005 | 0.10 | — | 0.10 | 0.08 | — | 0.08 | — | 242 | 242 | 0.01 | < 0.005 | — | 243 |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 27,919 | 27,919 | 2.58 | 0.21 | — | 28,047 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 27.4 | 80.1 | 108 | 2.82 | 0.07 | — | 198 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 750 | 0.00 | 750 | 75.0 | 0.00 | — | 2,625 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Stationary | 2.70 | 2.46 | 6.88 | 6.28 | 0.01 | 0.36 | 0.00 | 0.36 | 0.36 | 0.00 | 0.36 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 47.8 | 71.8 | 405 | 395 | 2.19 | 14.6 | 61.1 | 75.8 | 13.7 | 16.4 | 30.1 | 778 | 253,576 | 254,353 | 82.9 | 25.5 | 706 | 264,738 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 6.57 | 5.58 | 189 | 42.4 | 1.67 | 3.79 | 61.1 | 64.9 | 3.62 | 16.4 | 20.0 | — | 175,433 | 175,433 | 0.44 | 24.9 | 15.6 | 182,870 |
| Area | — | 30.9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 27,919 | 27,919 | 2.58 | 0.21 | — | 28,047 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 27.4 | 80.1 | 108 | 2.82 | 0.07 | — | 198 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 750 | 0.00 | 750 | 75.0 | 0.00 | — | 2,625 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Stationary | 2.70 | 2.46 | 6.88 | 6.28 | 0.01 | 0.36 | 0.00 | 0.36 | 0.36 | 0.00 | 0.36 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 37.2 | 62.0 | 413 | 336 | 2.19 | 14.5 | 61.1 | 75.7 | 13.6 | 16.4 | 30.0 | 778 | 253,372 | 254,150 | 82.8 | 25.6 | 121 | 263,957 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 6.62 | 5.63 | 191 | 42.2 | 1.67 | 3.79 | 61.1 | 64.9 | 3.62 | 16.4 | 20.0 | — | 175,411 | 175,411 | 0.44 | 24.9 | 259 | 183,092 |
| Area | 5.16 | 35.6 | 0.24 | 29.0 | < 0.005 | 0.05 | — | 0.05 | 0.04 | — | 0.04 | — | 119 | 119 | 0.01 | < 0.005 | — | 120 |

| | | | | | | | | | | | | | | | | | | |
|------------|------|------|------|------|---------|------|------|------|------|------|------|------|---------|---------|---------|---------|------|---------|
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 27,919 | 27,919 | 2.58 | 0.21 | — | 28,047 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 27.4 | 80.1 | 108 | 2.82 | 0.07 | — | 198 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 750 | 0.00 | 750 | 75.0 | 0.00 | — | 2,625 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Stationary | 0.37 | 0.34 | 0.94 | 0.86 | < 0.005 | 0.05 | 0.00 | 0.05 | 0.05 | 0.00 | 0.05 | 0.00 | 173 | 173 | 0.01 | < 0.005 | 0.00 | 173 |
| Total | 40.0 | 64.7 | 410 | 359 | 2.18 | 14.3 | 61.1 | 75.4 | 13.3 | 16.4 | 29.7 | 778 | 252,382 | 253,159 | 82.8 | 25.5 | 365 | 263,208 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 1.21 | 1.03 | 34.9 | 7.69 | 0.30 | 0.69 | 11.2 | 11.8 | 0.66 | 2.99 | 3.65 | — | 29,041 | 29,041 | 0.07 | 4.12 | 42.9 | 30,313 |
| Area | 0.94 | 6.50 | 0.04 | 5.29 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 19.7 | 19.7 | < 0.005 | < 0.005 | — | 19.8 |
| Energy | 0.19 | 0.10 | 1.73 | 1.46 | 0.01 | 0.13 | — | 0.13 | 0.13 | — | 0.13 | — | 4,622 | 4,622 | 0.43 | 0.04 | — | 4,644 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 4.54 | 13.3 | 17.8 | 0.47 | 0.01 | — | 32.8 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 124 | 0.00 | 124 | 12.4 | 0.00 | — | 435 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 17.5 | 17.5 |
| Off-Road | 4.90 | 4.12 | 38.0 | 51.0 | 0.08 | 1.76 | — | 1.76 | 1.62 | — | 1.62 | — | 8,060 | 8,060 | 0.33 | 0.07 | — | 8,087 |
| Stationary | 0.07 | 0.06 | 0.17 | 0.16 | < 0.005 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 28.6 | 28.6 | < 0.005 | < 0.005 | 0.00 | 28.7 |
| Total | 7.31 | 11.8 | 74.8 | 65.6 | 0.40 | 2.61 | 11.2 | 13.8 | 2.43 | 2.99 | 5.43 | 129 | 41,785 | 41,913 | 13.7 | 4.23 | 60.4 | 43,577 |

2.6. Operations Emissions by Sector, Mitigated

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

| Sector | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|---------|---------|------|---------|-----|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 6.71 | 5.70 | 180 | 42.5 | 1.67 | 3.79 | 61.1 | 64.9 | 3.62 | 16.4 | 20.0 | — | 175,395 | 175,395 | 0.44 | 24.8 | 600 | 183,409 |
| Area | 10.5 | 39.5 | 0.49 | 58.8 | < 0.005 | 0.10 | — | 0.10 | 0.08 | — | 0.08 | — | 242 | 242 | 0.01 | < 0.005 | — | 243 |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 19,672 | 19,672 | 1.80 | 0.12 | — | 19,752 |

| | | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|---------|------|------|------|------|------|------|------|---------|---------|------|---------|------|---------|
| Water | — | — | — | — | — | — | — | — | — | — | — | 21.9 | 64.1 | 86.0 | 2.25 | 0.05 | — | 159 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 188 | 0.00 | 188 | 18.7 | 0.00 | — | 656 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Stationary | 2.70 | 2.46 | 6.88 | 6.28 | 0.01 | 0.36 | 0.00 | 0.36 | 0.36 | 0.00 | 0.36 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 47.8 | 70.7 | 405 | 395 | 2.19 | 14.6 | 61.1 | 75.8 | 13.7 | 16.4 | 30.1 | 209 | 245,313 | 245,522 | 25.3 | 25.4 | 706 | 254,435 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 6.57 | 5.58 | 189 | 42.4 | 1.67 | 3.79 | 61.1 | 64.9 | 3.62 | 16.4 | 20.0 | — | 175,433 | 175,433 | 0.44 | 24.9 | 15.6 | 182,870 |
| Area | — | 29.8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 19,672 | 19,672 | 1.80 | 0.12 | — | 19,752 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 21.9 | 64.1 | 86.0 | 2.25 | 0.05 | — | 159 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 188 | 0.00 | 188 | 18.7 | 0.00 | — | 656 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Stationary | 2.70 | 2.46 | 6.88 | 6.28 | 0.01 | 0.36 | 0.00 | 0.36 | 0.36 | 0.00 | 0.36 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 37.2 | 61.0 | 413 | 336 | 2.19 | 14.5 | 61.1 | 75.7 | 13.6 | 16.4 | 30.0 | 209 | 245,109 | 245,319 | 25.3 | 25.4 | 121 | 253,654 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 6.62 | 5.63 | 191 | 42.2 | 1.67 | 3.79 | 61.1 | 64.9 | 3.62 | 16.4 | 20.0 | — | 175,411 | 175,411 | 0.44 | 24.9 | 259 | 183,092 |
| Area | 5.16 | 34.6 | 0.24 | 29.0 | < 0.005 | 0.05 | — | 0.05 | 0.04 | — | 0.04 | — | 119 | 119 | 0.01 | < 0.005 | — | 120 |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 19,672 | 19,672 | 1.80 | 0.12 | — | 19,752 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 21.9 | 64.1 | 86.0 | 2.25 | 0.05 | — | 159 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 188 | 0.00 | 188 | 18.7 | 0.00 | — | 656 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |

| | | | | | | | | | | | | | | | | | | |
|----------------|------|------|------|------|---------|------|------|------|------|------|------|------|---------|---------|---------|---------|------|---------|
| Stationar | 0.37 | 0.34 | 0.94 | 0.86 | < 0.005 | 0.05 | 0.00 | 0.05 | 0.05 | 0.00 | 0.05 | 0.00 | 173 | 173 | 0.01 | < 0.005 | 0.00 | 173 |
| Total | 40.0 | 63.6 | 410 | 359 | 2.18 | 14.3 | 61.1 | 75.4 | 13.3 | 16.4 | 29.7 | 209 | 244,119 | 244,329 | 25.2 | 25.4 | 365 | 252,905 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 1.21 | 1.03 | 34.9 | 7.69 | 0.30 | 0.69 | 11.2 | 11.8 | 0.66 | 2.99 | 3.65 | — | 29,041 | 29,041 | 0.07 | 4.12 | 42.9 | 30,313 |
| Area | 0.94 | 6.31 | 0.04 | 5.29 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 19.7 | 19.7 | < 0.005 | < 0.005 | — | 19.8 |
| Energy | 0.19 | 0.10 | 1.73 | 1.46 | 0.01 | 0.13 | — | 0.13 | 0.13 | — | 0.13 | — | 3,257 | 3,257 | 0.30 | 0.02 | — | 3,270 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 3.63 | 10.6 | 14.2 | 0.37 | 0.01 | — | 26.2 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 31.1 | 0.00 | 31.1 | 3.10 | 0.00 | — | 109 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 17.5 | 17.5 |
| Off-Road | 4.90 | 4.12 | 38.0 | 51.0 | 0.08 | 1.76 | — | 1.76 | 1.62 | — | 1.62 | — | 8,060 | 8,060 | 0.33 | 0.07 | — | 8,087 |
| Stationar y | 0.07 | 0.06 | 0.17 | 0.16 | < 0.005 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 28.6 | 28.6 | < 0.005 | < 0.005 | 0.00 | 28.7 |
| Total | 7.31 | 11.6 | 74.8 | 65.6 | 0.40 | 2.61 | 11.2 | 13.8 | 2.43 | 2.99 | 5.43 | 34.7 | 40,417 | 40,451 | 4.18 | 4.21 | 60.4 | 41,871 |

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|------|--------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.42 | 0.35 | 14.6 | 2.90 | 0.15 | 0.32 | 4.87 | 5.19 | 0.30 | 1.30 | 1.60 | — | 15,733 | 15,733 | 0.03 | 2.26 | 44.1 | 16,451 |

| | | | | | | | | | | | | | | | | | | |
|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|---|---------|---------|------|------|------|---------|
| Unrefrige Warehouse-Rail | 3.65 | 3.11 | 99.9 | 22.7 | 0.91 | 2.13 | 33.4 | 35.5 | 2.03 | 8.96 | 11.0 | — | 95,779 | 95,779 | 0.23 | 13.8 | 325 | 100,210 |
| General Heavy Industry | 2.64 | 2.24 | 65.0 | 16.9 | 0.61 | 1.34 | 22.9 | 24.3 | 1.28 | 6.15 | 7.43 | — | 63,883 | 63,883 | 0.17 | 8.82 | 231 | 66,748 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 6.71 | 5.70 | 180 | 42.5 | 1.67 | 3.79 | 61.1 | 64.9 | 3.62 | 16.4 | 20.0 | — | 175,395 | 175,395 | 0.44 | 24.8 | 600 | 183,409 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrige rated Warehouse-No Rail | 0.41 | 0.34 | 15.4 | 2.91 | 0.15 | 0.32 | 4.87 | 5.19 | 0.30 | 1.30 | 1.60 | — | 15,737 | 15,737 | 0.03 | 2.26 | 1.14 | 16,413 |
| Unrefrige rated Warehouse-Rail | 3.57 | 3.04 | 105 | 22.7 | 0.91 | 2.13 | 33.4 | 35.5 | 2.04 | 8.96 | 11.0 | — | 95,801 | 95,801 | 0.23 | 13.8 | 8.44 | 99,919 |
| General Heavy Industry | 2.59 | 2.20 | 68.3 | 16.8 | 0.61 | 1.34 | 22.9 | 24.3 | 1.29 | 6.15 | 7.43 | — | 63,895 | 63,895 | 0.17 | 8.84 | 5.99 | 66,539 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 6.57 | 5.58 | 189 | 42.4 | 1.67 | 3.79 | 61.1 | 64.9 | 3.62 | 16.4 | 20.0 | — | 175,433 | 175,433 | 0.44 | 24.9 | 15.6 | 182,870 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|---|--------|--------|------|------|------|--------|
| Unrefrigerated Warehouse-No | 0.08 | 0.06 | 2.84 | 0.53 | 0.03 | 0.06 | 0.89 | 0.95 | 0.06 | 0.24 | 0.29 | — | 2,605 | 2,605 | 0.01 | 0.37 | 3.15 | 2,720 |
| Unrefrigerated Warehouse-Rail | 0.66 | 0.56 | 19.4 | 4.11 | 0.17 | 0.39 | 6.08 | 6.47 | 0.37 | 1.63 | 2.01 | — | 15,859 | 15,859 | 0.04 | 2.28 | 23.3 | 16,563 |
| General Heavy Industry | 0.48 | 0.40 | 12.6 | 3.05 | 0.11 | 0.25 | 4.18 | 4.42 | 0.23 | 1.12 | 1.36 | — | 10,577 | 10,577 | 0.03 | 1.46 | 16.5 | 11,031 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 1.21 | 1.03 | 34.9 | 7.69 | 0.30 | 0.69 | 11.2 | 11.8 | 0.66 | 2.99 | 3.65 | — | 29,041 | 29,041 | 0.07 | 4.12 | 42.9 | 30,313 |

MIP_Onsite&Offsite_HRA Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

| Data Field | Value |
|-----------------------------|---|
| Project Name | MIP_Onsite&Offsite_HRA |
| Construction Start Date | 10/1/2024 |
| Operational Year | 2026 |
| Lead Agency | — |
| Land Use Scale | Project/site |
| Analysis Level for Defaults | County |
| Windspeed (m/s) | 2.80 |
| Precipitation (days) | 1.40 |
| Location | Mojave Dr & Onyx Rd, Victorville, CA 92394, USA |
| County | San Bernardino-Mojave Desert |
| City | Victorville |
| Air District | Mojave Desert AQMD |
| Air Basin | Mojave Desert |
| TAZ | 5102 |
| EDFZ | 10 |
| Electric Utility | Southern California Edison |
| Gas Utility | Southwest Gas Corp. |
| App Version | 2022.1.1.21 |

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 |
|------------------|------|------|-------------|-----------------------|------------------------|--------------------------------|------------|-------------|
|------------------|------|------|-------------|-----------------------|------------------------|--------------------------------|------------|-------------|

2.1. Construction Emissions Compared Against Thresholds

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

| Un/Mit. | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|------|--------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 7.68 | 54.8 | 57.1 | 75.0 | 0.12 | 2.58 | 0.11 | 2.59 | 2.37 | 0.03 | 2.37 | — | 11,495 | 11,495 | 0.46 | 0.25 | 1.10 | 11,583 |
| Mit. | 4.49 | 24.8 | 31.4 | 79.1 | 0.12 | 0.98 | 0.11 | 1.00 | 0.92 | 0.03 | 0.92 | — | 11,495 | 11,495 | 0.46 | 0.25 | 1.10 | 11,583 |
| % Reduced | 42% | 55% | 45% | -5% | — | 62% | — | 61% | 61% | — | 61% | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 10.4 | 48.6 | 82.9 | 81.0 | 0.15 | 3.27 | 4.53 | 7.81 | 3.01 | 1.54 | 4.55 | — | 16,157 | 16,157 | 0.64 | 0.27 | 0.03 | 16,243 |
| Mit. | 4.64 | 21.8 | 32.4 | 93.9 | 0.15 | 0.93 | 4.53 | 5.42 | 0.86 | 1.54 | 2.37 | — | 16,157 | 16,157 | 0.64 | 0.27 | 0.03 | 16,243 |
| % Reduced | 55% | 55% | 61% | -16% | — | 72% | — | 31% | 71% | — | 48% | — | — | — | — | — | — | — |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 3.49 | 18.4 | 27.6 | 35.2 | 0.06 | 1.01 | 0.39 | 1.05 | 0.93 | 0.13 | 0.94 | — | 5,541 | 5,541 | 0.22 | 0.11 | 0.20 | 5,580 |
| Mit. | 2.11 | 8.71 | 14.4 | 37.2 | 0.06 | 0.41 | 0.39 | 0.50 | 0.38 | 0.13 | 0.39 | — | 5,541 | 5,541 | 0.22 | 0.11 | 0.20 | 5,580 |
| % Reduced | 40% | 53% | 48% | -6% | — | 59% | — | 52% | 59% | — | 58% | — | — | — | — | — | — | — |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 0.64 | 3.36 | 5.03 | 6.42 | 0.01 | 0.18 | 0.07 | 0.19 | 0.17 | 0.02 | 0.17 | — | 917 | 917 | 0.04 | 0.02 | 0.03 | 924 |
| Mit. | 0.39 | 1.59 | 2.63 | 6.78 | 0.01 | 0.07 | 0.07 | 0.09 | 0.07 | 0.02 | 0.07 | — | 917 | 917 | 0.04 | 0.02 | 0.03 | 924 |
| % Reduced | 40% | 53% | 48% | -6% | — | 59% | — | 52% | 59% | — | 58% | — | — | — | — | — | — | — |

2.2. Construction Emissions by Year, Unmitigated

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

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------|------|------|------|------|---------|-------|-------|-------|--------|---------|--------|------|--------|--------|------|------|------|--------|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 7.68 | 54.8 | 57.1 | 75.0 | 0.12 | 2.58 | 0.11 | 2.59 | 2.37 | 0.03 | 2.37 | — | 11,495 | 11,495 | 0.46 | 0.25 | 1.10 | 11,583 |
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 10.4 | 35.3 | 82.9 | 81.0 | 0.15 | 3.27 | 4.53 | 7.81 | 3.01 | 1.54 | 4.55 | — | 16,157 | 16,157 | 0.64 | 0.27 | 0.03 | 16,243 |
| 2025 | 7.13 | 48.6 | 57.3 | 72.5 | 0.12 | 1.98 | 0.11 | 2.09 | 1.82 | 0.03 | 1.85 | — | 11,514 | 11,514 | 0.46 | 0.25 | 0.03 | 11,601 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 1.28 | 4.25 | 10.3 | 10.8 | 0.02 | 0.40 | 0.39 | 0.78 | 0.37 | 0.13 | 0.50 | — | 2,000 | 2,000 | 0.08 | 0.04 | 0.05 | 2,014 |
| 2025 | 3.49 | 18.4 | 27.6 | 35.2 | 0.06 | 1.01 | 0.05 | 1.05 | 0.93 | 0.01 | 0.94 | — | 5,541 | 5,541 | 0.22 | 0.11 | 0.20 | 5,580 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 0.23 | 0.78 | 1.87 | 1.97 | < 0.005 | 0.07 | 0.07 | 0.14 | 0.07 | 0.02 | 0.09 | — | 331 | 331 | 0.01 | 0.01 | 0.01 | 333 |
| 2025 | 0.64 | 3.36 | 5.03 | 6.42 | 0.01 | 0.18 | 0.01 | 0.19 | 0.17 | < 0.005 | 0.17 | — | 917 | 917 | 0.04 | 0.02 | 0.03 | 924 |

2.3. Construction Emissions by Year, Mitigated

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

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|------|--------|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2025 | 4.49 | 24.8 | 31.4 | 79.1 | 0.12 | 0.98 | 0.11 | 1.00 | 0.92 | 0.03 | 0.92 | — | 11,495 | 11,495 | 0.46 | 0.25 | 1.10 | 11,583 |
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---------------|------|------|------|------|---------|------|------|------|------|---------|------|---|--------|--------|------|------|------|--------|
| 2024 | 4.64 | 15.9 | 32.4 | 93.9 | 0.15 | 0.93 | 4.53 | 5.42 | 0.86 | 1.54 | 2.37 | — | 16,157 | 16,157 | 0.64 | 0.27 | 0.03 | 16,243 |
| 2025 | 4.42 | 21.8 | 31.9 | 76.5 | 0.12 | 0.84 | 0.11 | 0.95 | 0.79 | 0.03 | 0.82 | — | 11,514 | 11,514 | 0.46 | 0.25 | 0.03 | 11,601 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 0.59 | 1.94 | 4.04 | 12.1 | 0.02 | 0.12 | 0.39 | 0.50 | 0.11 | 0.13 | 0.24 | — | 2,000 | 2,000 | 0.08 | 0.04 | 0.05 | 2,014 |
| 2025 | 2.11 | 8.71 | 14.4 | 37.2 | 0.06 | 0.41 | 0.05 | 0.46 | 0.38 | 0.01 | 0.39 | — | 5,541 | 5,541 | 0.22 | 0.11 | 0.20 | 5,580 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 0.11 | 0.35 | 0.74 | 2.20 | < 0.005 | 0.02 | 0.07 | 0.09 | 0.02 | 0.02 | 0.04 | — | 331 | 331 | 0.01 | 0.01 | 0.01 | 333 |
| 2025 | 0.39 | 1.59 | 2.63 | 6.78 | 0.01 | 0.07 | 0.01 | 0.08 | 0.07 | < 0.005 | 0.07 | — | 917 | 917 | 0.04 | 0.02 | 0.03 | 924 |

2.4. Operations Emissions Compared Against Thresholds

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

| Un/Mit. | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|--------|-----|--------|-------|-------|--------|--------|--------|--------|------|---------|---------|------|--------|-----|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 47.8 | 71.8 | 405 | 395 | 2.19 | 14.6 | 61.1 | 75.8 | 13.7 | 16.4 | 30.1 | 778 | 253,576 | 254,353 | 82.9 | 25.5 | 706 | 264,738 |
| Mit. | 37.3 | 61.1 | 404 | 336 | 2.19 | 14.5 | 61.1 | 75.7 | 13.6 | 16.4 | 30.0 | 209 | 245,107 | 245,317 | 25.3 | 25.4 | 706 | 254,229 |
| % Reduced | 22% | 15% | < 0.5% | 15% | < 0.5% | 1% | — | < 0.5% | 1% | — | < 0.5% | 73% | 3% | 4% | 70% | < 0.5% | — | 4% |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 37.2 | 62.0 | 413 | 336 | 2.19 | 14.5 | 61.1 | 75.7 | 13.6 | 16.4 | 30.0 | 778 | 253,372 | 254,150 | 82.8 | 25.6 | 121 | 263,957 |
| Mit. | 37.2 | 61.0 | 413 | 336 | 2.19 | 14.5 | 61.1 | 75.7 | 13.6 | 16.4 | 30.0 | 209 | 245,109 | 245,319 | 25.3 | 25.4 | 121 | 253,654 |
| % Reduced | — | 2% | — | — | — | — | — | — | — | — | — | 73% | 3% | 3% | 70% | < 0.5% | — | 4% |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|--------------|------|------|--------|------|--------|--------|------|--------|--------|------|--------|------|---------|---------|------|--------|------|---------|
| Unmit. | 40.0 | 64.7 | 410 | 359 | 2.18 | 14.3 | 61.1 | 75.4 | 13.3 | 16.4 | 29.7 | 778 | 252,382 | 253,159 | 82.8 | 25.5 | 365 | 263,208 |
| Mit. | 34.9 | 58.9 | 410 | 330 | 2.18 | 14.2 | 61.1 | 75.3 | 13.3 | 16.4 | 29.7 | 209 | 244,018 | 244,227 | 25.2 | 25.4 | 365 | 252,803 |
| % Reduced | 13% | 9% | < 0.5% | 8% | < 0.5% | < 0.5% | — | < 0.5% | < 0.5% | — | < 0.5% | 73% | 3% | 4% | 70% | < 0.5% | — | 4% |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 7.31 | 11.8 | 74.8 | 65.6 | 0.40 | 2.61 | 11.2 | 13.8 | 2.43 | 2.99 | 5.43 | 129 | 41,785 | 41,913 | 13.7 | 4.23 | 60.4 | 43,577 |
| Mit. | 6.37 | 10.7 | 74.8 | 60.3 | 0.40 | 2.60 | 11.2 | 13.7 | 2.43 | 2.99 | 5.42 | 34.7 | 40,400 | 40,435 | 4.18 | 4.21 | 60.4 | 41,854 |
| % Reduced | 13% | 9% | < 0.5% | 8% | < 0.5% | < 0.5% | — | < 0.5% | < 0.5% | — | < 0.5% | 73% | 3% | 4% | 70% | < 0.5% | — | 4% |

2.5. Operations Emissions by Sector, Unmitigated

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

| Sector | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|---------|---------|------|---------|------|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 6.71 | 5.70 | 180 | 42.5 | 1.67 | 3.79 | 61.1 | 64.9 | 3.62 | 16.4 | 20.0 | — | 175,395 | 175,395 | 0.44 | 24.8 | 600 | 183,409 |
| Area | 10.5 | 40.5 | 0.49 | 58.8 | < 0.005 | 0.10 | — | 0.10 | 0.08 | — | 0.08 | — | 242 | 242 | 0.01 | < 0.005 | — | 243 |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 27,919 | 27,919 | 2.58 | 0.21 | — | 28,047 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 27.4 | 80.1 | 108 | 2.82 | 0.07 | — | 198 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 750 | 0.00 | 750 | 75.0 | 0.00 | — | 2,625 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Stationary | 2.70 | 2.46 | 6.88 | 6.28 | 0.01 | 0.36 | 0.00 | 0.36 | 0.36 | 0.00 | 0.36 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 47.8 | 71.8 | 405 | 395 | 2.19 | 14.6 | 61.1 | 75.8 | 13.7 | 16.4 | 30.1 | 778 | 253,576 | 254,353 | 82.9 | 25.5 | 706 | 264,738 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---------------|------|------|------|------|---------|------|------|------|------|------|------|------|---------|---------|---------|---------|------|---------|
| Mobile | 6.57 | 5.58 | 189 | 42.4 | 1.67 | 3.79 | 61.1 | 64.9 | 3.62 | 16.4 | 20.0 | — | 175,433 | 175,433 | 0.44 | 24.9 | 15.6 | 182,870 |
| Area | — | 30.9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 27,919 | 27,919 | 2.58 | 0.21 | — | 28,047 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 27.4 | 80.1 | 108 | 2.82 | 0.07 | — | 198 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 750 | 0.00 | 750 | 75.0 | 0.00 | — | 2,625 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Stationary | 2.70 | 2.46 | 6.88 | 6.28 | 0.01 | 0.36 | 0.00 | 0.36 | 0.36 | 0.00 | 0.36 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 37.2 | 62.0 | 413 | 336 | 2.19 | 14.5 | 61.1 | 75.7 | 13.6 | 16.4 | 30.0 | 778 | 253,372 | 254,150 | 82.8 | 25.6 | 121 | 263,957 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 6.62 | 5.63 | 191 | 42.2 | 1.67 | 3.79 | 61.1 | 64.9 | 3.62 | 16.4 | 20.0 | — | 175,411 | 175,411 | 0.44 | 24.9 | 259 | 183,092 |
| Area | 5.16 | 35.6 | 0.24 | 29.0 | < 0.005 | 0.05 | — | 0.05 | 0.04 | — | 0.04 | — | 119 | 119 | 0.01 | < 0.005 | — | 120 |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 27,919 | 27,919 | 2.58 | 0.21 | — | 28,047 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 27.4 | 80.1 | 108 | 2.82 | 0.07 | — | 198 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 750 | 0.00 | 750 | 75.0 | 0.00 | — | 2,625 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Stationary | 0.37 | 0.34 | 0.94 | 0.86 | < 0.005 | 0.05 | 0.00 | 0.05 | 0.05 | 0.00 | 0.05 | 0.00 | 173 | 173 | 0.01 | < 0.005 | 0.00 | 173 |
| Total | 40.0 | 64.7 | 410 | 359 | 2.18 | 14.3 | 61.1 | 75.4 | 13.3 | 16.4 | 29.7 | 778 | 252,382 | 253,159 | 82.8 | 25.5 | 365 | 263,208 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 1.21 | 1.03 | 34.9 | 7.69 | 0.30 | 0.69 | 11.2 | 11.8 | 0.66 | 2.99 | 3.65 | — | 29,041 | 29,041 | 0.07 | 4.12 | 42.9 | 30,313 |
| Area | 0.94 | 6.50 | 0.04 | 5.29 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 19.7 | 19.7 | < 0.005 | < 0.005 | — | 19.8 |
| Energy | 0.19 | 0.10 | 1.73 | 1.46 | 0.01 | 0.13 | — | 0.13 | 0.13 | — | 0.13 | — | 4,622 | 4,622 | 0.43 | 0.04 | — | 4,644 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 4.54 | 13.3 | 17.8 | 0.47 | 0.01 | — | 32.8 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 124 | 0.00 | 124 | 12.4 | 0.00 | — | 435 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 17.5 | 17.5 |

| | | | | | | | | | | | | | | | | | | |
|------------|------|------|------|------|---------|------|------|------|------|------|------|------|--------|--------|---------|---------|------|--------|
| Off-Road | 4.90 | 4.12 | 38.0 | 51.0 | 0.08 | 1.76 | — | 1.76 | 1.62 | — | 1.62 | — | 8,060 | 8,060 | 0.33 | 0.07 | — | 8,087 |
| Stationary | 0.07 | 0.06 | 0.17 | 0.16 | < 0.005 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 28.6 | 28.6 | < 0.005 | < 0.005 | 0.00 | 28.7 |
| Total | 7.31 | 11.8 | 74.8 | 65.6 | 0.40 | 2.61 | 11.2 | 13.8 | 2.43 | 2.99 | 5.43 | 129 | 41,785 | 41,913 | 13.7 | 4.23 | 60.4 | 43,577 |

2.6. Operations Emissions by Sector, Mitigated

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

| Sector | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|---------|---------|------|------|------|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 6.71 | 5.70 | 180 | 42.5 | 1.67 | 3.79 | 61.1 | 64.9 | 3.62 | 16.4 | 20.0 | — | 175,395 | 175,395 | 0.44 | 24.8 | 600 | 183,409 |
| Area | — | 29.8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 19,708 | 19,708 | 1.80 | 0.12 | — | 19,788 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 21.9 | 64.1 | 86.0 | 2.25 | 0.05 | — | 159 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 188 | 0.00 | 188 | 18.7 | 0.00 | — | 656 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Stationary | 2.70 | 2.46 | 6.88 | 6.28 | 0.01 | 0.36 | 0.00 | 0.36 | 0.36 | 0.00 | 0.36 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 37.3 | 61.1 | 404 | 336 | 2.19 | 14.5 | 61.1 | 75.7 | 13.6 | 16.4 | 30.0 | 209 | 245,107 | 245,317 | 25.3 | 25.4 | 706 | 254,229 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 6.57 | 5.58 | 189 | 42.4 | 1.67 | 3.79 | 61.1 | 64.9 | 3.62 | 16.4 | 20.0 | — | 175,433 | 175,433 | 0.44 | 24.9 | 15.6 | 182,870 |
| Area | — | 29.8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 19,672 | 19,672 | 1.80 | 0.12 | — | 19,752 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 21.9 | 64.1 | 86.0 | 2.25 | 0.05 | — | 159 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 188 | 0.00 | 188 | 18.7 | 0.00 | — | 656 |

| | | | | | | | | | | | | | | | | | | |
|---------------|------|------|------|------|---------|------|------|------|------|------|------|------|---------|---------|---------|---------|------|---------|
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Stationary | 2.70 | 2.46 | 6.88 | 6.28 | 0.01 | 0.36 | 0.00 | 0.36 | 0.36 | 0.00 | 0.36 | 0.00 | 1,259 | 1,259 | 0.05 | 0.01 | 0.00 | 1,263 |
| Total | 37.2 | 61.0 | 413 | 336 | 2.19 | 14.5 | 61.1 | 75.7 | 13.6 | 16.4 | 30.0 | 209 | 245,109 | 245,319 | 25.3 | 25.4 | 121 | 253,654 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 6.62 | 5.63 | 191 | 42.2 | 1.67 | 3.79 | 61.1 | 64.9 | 3.62 | 16.4 | 20.0 | — | 175,411 | 175,411 | 0.44 | 24.9 | 259 | 183,092 |
| Area | — | 29.8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 1.05 | 0.52 | 9.50 | 7.98 | 0.06 | 0.72 | — | 0.72 | 0.72 | — | 0.72 | — | 19,690 | 19,690 | 1.80 | 0.12 | — | 19,770 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 21.9 | 64.1 | 86.0 | 2.25 | 0.05 | — | 159 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 188 | 0.00 | 188 | 18.7 | 0.00 | — | 656 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 106 | 106 |
| Off-Road | 26.8 | 22.6 | 208 | 279 | 0.45 | 9.67 | — | 9.67 | 8.89 | — | 8.89 | — | 48,680 | 48,680 | 1.97 | 0.39 | — | 48,847 |
| Stationary | 0.37 | 0.34 | 0.94 | 0.86 | < 0.005 | 0.05 | 0.00 | 0.05 | 0.05 | 0.00 | 0.05 | 0.00 | 173 | 173 | 0.01 | < 0.005 | 0.00 | 173 |
| Total | 34.9 | 58.9 | 410 | 330 | 2.18 | 14.2 | 61.1 | 75.3 | 13.3 | 16.4 | 29.7 | 209 | 244,018 | 244,227 | 25.2 | 25.4 | 365 | 252,803 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 1.21 | 1.03 | 34.9 | 7.69 | 0.30 | 0.69 | 11.2 | 11.8 | 0.66 | 2.99 | 3.65 | — | 29,041 | 29,041 | 0.07 | 4.12 | 42.9 | 30,313 |
| Area | — | 5.45 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 0.19 | 0.10 | 1.73 | 1.46 | 0.01 | 0.13 | — | 0.13 | 0.13 | — | 0.13 | — | 3,260 | 3,260 | 0.30 | 0.02 | — | 3,273 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 3.63 | 10.6 | 14.2 | 0.37 | 0.01 | — | 26.2 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 31.1 | 0.00 | 31.1 | 3.10 | 0.00 | — | 109 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 17.5 | 17.5 |
| Off-Road | 4.90 | 4.12 | 38.0 | 51.0 | 0.08 | 1.76 | — | 1.76 | 1.62 | — | 1.62 | — | 8,060 | 8,060 | 0.33 | 0.07 | — | 8,087 |
| Stationary | 0.07 | 0.06 | 0.17 | 0.16 | < 0.005 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 28.6 | 28.6 | < 0.005 | < 0.005 | 0.00 | 28.7 |
| Total | 6.37 | 10.7 | 74.8 | 60.3 | 0.40 | 2.60 | 11.2 | 13.7 | 2.43 | 2.99 | 5.42 | 34.7 | 40,400 | 40,435 | 4.18 | 4.21 | 60.4 | 41,854 |

| | | | | | | | | | | | | | | | | | | |
|------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Dust From Material Movement: | — | — | — | — | — | — | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.05 | 0.04 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 8.51 | 8.51 | < 0.005 | < 0.005 | < 0.005 | 8.92 |
| Hauling | 0.20 | 0.17 | 3.44 | 2.74 | 0.01 | < 0.005 | 0.04 | 0.04 | < 0.005 | 0.01 | 0.01 | — | 581 | 581 | 0.01 | 0.09 | 0.01 | 609 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.23 | 0.23 | < 0.005 | < 0.005 | < 0.005 | 0.24 |
| Hauling | 0.01 | < 0.005 | 0.09 | 0.07 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 15.7 | 15.7 | < 0.005 | < 0.005 | < 0.005 | 16.5 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.04 | 0.04 | < 0.005 | < 0.005 | < 0.005 | 0.04 |
| Hauling | < 0.005 | < 0.005 | 0.02 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 2.60 | 2.60 | < 0.005 | < 0.005 | < 0.005 | 2.73 |

3.2. Site Preparation (2024) - Mitigated

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

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

| | | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.05 | 0.04 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 8.51 | 8.51 | < 0.005 | < 0.005 | < 0.005 | 8.92 |
| Hauling | 0.20 | 0.17 | 3.44 | 2.74 | 0.01 | < 0.005 | 0.04 | 0.04 | < 0.005 | 0.01 | 0.01 | — | 581 | 581 | 0.01 | 0.09 | 0.01 | 609 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.23 | 0.23 | < 0.005 | < 0.005 | < 0.005 | 0.24 |
| Hauling | 0.01 | < 0.005 | 0.09 | 0.07 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 15.7 | 15.7 | < 0.005 | < 0.005 | < 0.005 | 16.5 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.04 | 0.04 | < 0.005 | < 0.005 | < 0.005 | 0.04 |
| Hauling | < 0.005 | < 0.005 | 0.02 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 2.60 | 2.60 | < 0.005 | < 0.005 | < 0.005 | 2.73 |

3.3. Mass Grading (2024) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|---|--------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.13 | 5.15 | 50.7 | 42.4 | 0.10 | 2.08 | — | 2.08 | 1.92 | — | 1.92 | — | 10,387 | 10,387 | 0.42 | 0.08 | — | 10,422 |

| | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Dust From Material Movement: | — | — | — | — | — | — | 4.48 | 4.48 | — | 1.52 | 1.52 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.50 | 0.42 | 4.17 | 3.49 | 0.01 | 0.17 | — | 0.17 | 0.16 | — | 0.16 | — | 854 | 854 | 0.03 | 0.01 | — | 857 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.37 | 0.37 | — | 0.13 | 0.13 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.09 | 0.08 | 0.76 | 0.64 | < 0.005 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 141 | 141 | 0.01 | < 0.005 | — | 142 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.07 | 0.07 | — | 0.02 | 0.02 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | 0.01 | 0.10 | 0.08 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 17.0 | 17.0 | < 0.005 | < 0.005 | < 0.005 | 17.8 |
| Hauling | 0.19 | 0.17 | 3.37 | 2.68 | < 0.005 | < 0.005 | 0.04 | 0.04 | < 0.005 | 0.01 | 0.01 | — | 569 | 569 | 0.01 | 0.09 | 0.01 | 596 |

| | | | | | | | | | | | | | | | | | | |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.39 | 1.39 | < 0.005 | < 0.005 | < 0.005 | 1.45 |
| Hauling | 0.02 | 0.01 | 0.27 | 0.22 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 46.2 | 46.2 | < 0.005 | 0.01 | 0.01 | 48.4 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.23 | 0.23 | < 0.005 | < 0.005 | < 0.005 | 0.24 |
| Hauling | < 0.005 | < 0.005 | 0.05 | 0.04 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 7.64 | 7.64 | < 0.005 | < 0.005 | < 0.005 | 8.01 |

3.4. Mass Grading (2024) - Mitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|------|--------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.19 | 1.15 | 6.65 | 54.0 | 0.10 | 0.25 | — | 0.25 | 0.24 | — | 0.24 | — | 10,387 | 10,387 | 0.42 | 0.08 | — | 10,422 |
| Dust From Material Movement | — | — | — | — | — | — | 4.48 | 4.48 | — | 1.52 | 1.52 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.10 | 0.09 | 0.55 | 4.44 | 0.01 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 854 | 854 | 0.03 | 0.01 | — | 857 |

| | | | | | | | | | | | | | | | | | | |
|------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Dust From Material Movement: | — | — | — | — | — | — | 0.37 | 0.37 | — | 0.13 | 0.13 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.02 | 0.02 | 0.10 | 0.81 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 141 | 141 | 0.01 | < 0.005 | — | 142 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.07 | 0.07 | — | 0.02 | 0.02 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | 0.01 | 0.10 | 0.08 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 17.0 | 17.0 | < 0.005 | < 0.005 | < 0.005 | 17.8 |
| Hauling | 0.19 | 0.17 | 3.37 | 2.68 | < 0.005 | < 0.005 | 0.04 | 0.04 | < 0.005 | 0.01 | 0.01 | — | 569 | 569 | 0.01 | 0.09 | 0.01 | 596 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.39 | 1.39 | < 0.005 | < 0.005 | < 0.005 | 1.45 |
| Hauling | 0.02 | 0.01 | 0.27 | 0.22 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 46.2 | 46.2 | < 0.005 | 0.01 | 0.01 | 48.4 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.23 | 0.23 | < 0.005 | < 0.005 | < 0.005 | 0.24 |

| | | | | | | | | | | | | | | | | | | |
|---------|---------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Hauling | < 0.005 | < 0.005 | 0.05 | 0.04 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 7.64 | 7.64 | < 0.005 | < 0.005 | < 0.005 | 8.01 |
|---------|---------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|

3.5. Building Construction (2024) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|---------|---------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 3.18 | 2.66 | 25.6 | 32.1 | 0.05 | 1.09 | — | 1.09 | 1.00 | — | 1.00 | — | 5,335 | 5,335 | 0.22 | 0.04 | — | 5,353 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.22 | 0.19 | 1.80 | 2.26 | < 0.005 | 0.08 | — | 0.08 | 0.07 | — | 0.07 | — | 376 | 376 | 0.02 | < 0.005 | — | 377 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.04 | 0.03 | 0.33 | 0.41 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 62.2 | 62.2 | < 0.005 | < 0.005 | — | 62.4 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---------------------|------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|-------|-------|---------|---------|------|-------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.41 | 0.34 | 5.69 | 4.99 | 0.01 | 0.01 | 0.10 | 0.11 | 0.01 | 0.03 | 0.03 | — | 1,017 | 1,017 | 0.03 | 0.16 | 0.03 | 1,066 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.03 | 0.03 | 0.39 | 0.35 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 71.0 | 71.0 | < 0.005 | 0.01 | 0.03 | 74.2 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | < 0.005 | 0.07 | 0.06 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 11.7 | 11.7 | < 0.005 | < 0.005 | 0.01 | 12.3 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.6. Building Construction (2024) - Mitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.36 | 1.19 | 9.14 | 34.7 | 0.05 | 0.29 | — | 0.29 | 0.27 | — | 0.27 | — | 5,335 | 5,335 | 0.22 | 0.04 | — | 5,353 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---------------------|------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|-------|-------|---------|---------|------|-------|
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.10 | 0.08 | 0.64 | 2.44 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 376 | 376 | 0.02 | < 0.005 | — | 377 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.02 | 0.02 | 0.12 | 0.45 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 62.2 | 62.2 | < 0.005 | < 0.005 | — | 62.4 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.41 | 0.34 | 5.69 | 4.99 | 0.01 | 0.01 | 0.10 | 0.11 | 0.01 | 0.03 | 0.03 | — | 1,017 | 1,017 | 0.03 | 0.16 | 0.03 | 1,066 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.03 | 0.03 | 0.39 | 0.35 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 71.0 | 71.0 | < 0.005 | 0.01 | 0.03 | 74.2 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | < 0.005 | 0.07 | 0.06 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 11.7 | 11.7 | < 0.005 | < 0.005 | 0.01 | 12.3 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|---------|---------|------|------|---------|---------|---------|---|------|------|---------|------|------|-------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.44 | 0.38 | 5.29 | 4.67 | 0.01 | 0.01 | 0.10 | 0.11 | 0.01 | 0.03 | 0.03 | — | 981 | 981 | 0.03 | 0.15 | 1.02 | 1,028 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.37 | 0.33 | 5.66 | 4.90 | 0.01 | 0.01 | 0.10 | 0.11 | 0.01 | 0.03 | 0.03 | — | 997 | 997 | 0.03 | 0.15 | 0.03 | 1,043 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.17 | 0.15 | 2.28 | 2.01 | 0.01 | < 0.005 | 0.04 | 0.04 | < 0.005 | 0.01 | 0.01 | — | 412 | 412 | 0.01 | 0.06 | 0.18 | 431 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.03 | 0.03 | 0.42 | 0.37 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 68.2 | 68.2 | < 0.005 | 0.01 | 0.03 | 71.4 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.8. Building Construction (2025) - Mitigated

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

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

| | | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|---------|------|------|------|------|------|------|---|-------|-------|------|---------|------|-------|
| Off-Road Equipment | 1.32 | 1.16 | 9.04 | 34.6 | 0.05 | 0.27 | — | 0.27 | 0.26 | — | 0.26 | — | 5,335 | 5,335 | 0.22 | 0.04 | — | 5,353 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.32 | 1.16 | 9.04 | 34.6 | 0.05 | 0.27 | — | 0.27 | 0.26 | — | 0.26 | — | 5,335 | 5,335 | 0.22 | 0.04 | — | 5,353 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.55 | 0.48 | 3.77 | 14.4 | 0.02 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 2,224 | 2,224 | 0.09 | 0.02 | — | 2,231 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.10 | 0.09 | 0.69 | 2.64 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 368 | 368 | 0.01 | < 0.005 | — | 369 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.44 | 0.38 | 5.29 | 4.67 | 0.01 | 0.01 | 0.10 | 0.11 | 0.01 | 0.03 | 0.03 | — | 981 | 981 | 0.03 | 0.15 | 1.02 | 1,028 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---------------|------|------|------|------|---------|---------|------|------|---------|---------|---------|---|------|------|---------|------|------|-------|
| Vendor | 0.37 | 0.33 | 5.66 | 4.90 | 0.01 | 0.01 | 0.10 | 0.11 | 0.01 | 0.03 | 0.03 | — | 997 | 997 | 0.03 | 0.15 | 0.03 | 1,043 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.17 | 0.15 | 2.28 | 2.01 | 0.01 | < 0.005 | 0.04 | 0.04 | < 0.005 | 0.01 | 0.01 | — | 412 | 412 | 0.01 | 0.06 | 0.18 | 431 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.03 | 0.03 | 0.42 | 0.37 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 68.2 | 68.2 | < 0.005 | 0.01 | 0.03 | 71.4 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.9. Onsite Paving (2025) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 5.57 | 4.68 | 41.7 | 54.9 | 0.08 | 1.94 | — | 1.94 | 1.79 | — | 1.79 | — | 8,265 | 8,265 | 0.34 | 0.07 | — | 8,294 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.46 | 0.38 | 3.43 | 4.51 | 0.01 | 0.16 | — | 0.16 | 0.15 | — | 0.15 | — | 679 | 679 | 0.03 | 0.01 | — | 682 |

| | | | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|------|------|------|---------|---------|---------|------|------|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.08 | 0.07 | 0.63 | 0.82 | < 0.005 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 112 | 112 | < 0.005 | < 0.005 | — | 113 | |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Vendor | 0.05 | 0.04 | 0.55 | 0.49 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 103 | 103 | < 0.005 | 0.02 | 0.11 | 108 | |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Vendor | < 0.005 | < 0.005 | 0.05 | 0.04 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 8.49 | 8.49 | < 0.005 | < 0.005 | < 0.005 | 8.89 | |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Vendor | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.41 | 1.41 | < 0.005 | < 0.005 | < 0.005 | 1.47 | |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |

3.10. Onsite Paving (2025) - Mitigated

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

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

| | | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|---------|---------|------|------|---------|---------|---------|---|-------|-------|---------|---------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 3.02 | 2.63 | 16.3 | 58.0 | 0.08 | 0.72 | — | 0.72 | 0.67 | — | 0.67 | — | 8,265 | 8,265 | 0.34 | 0.07 | — | 8,294 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.25 | 0.22 | 1.34 | 4.77 | 0.01 | 0.06 | — | 0.06 | 0.06 | — | 0.06 | — | 679 | 679 | 0.03 | 0.01 | — | 682 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.05 | 0.04 | 0.25 | 0.87 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 112 | 112 | < 0.005 | < 0.005 | — | 113 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.05 | 0.04 | 0.55 | 0.49 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 103 | 103 | < 0.005 | 0.02 | 0.11 | 108 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---------------|---------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.05 | 0.04 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 8.49 | 8.49 | < 0.005 | < 0.005 | < 0.005 | 8.89 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.41 | 1.41 | < 0.005 | < 0.005 | < 0.005 | 1.47 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.11. Offsite Paving (Continual and Final) (2024) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|---------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.52 | 1.28 | 11.7 | 15.0 | 0.02 | 0.58 | — | 0.58 | 0.54 | — | 0.54 | — | 2,267 | 2,267 | 0.09 | 0.02 | — | 2,275 |
| Paving | — | 0.40 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.18 | 0.15 | 1.40 | 1.80 | < 0.005 | 0.07 | — | 0.07 | 0.06 | — | 0.06 | — | 271 | 271 | 0.01 | < 0.005 | — | 272 |
| Paving | — | 0.05 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|------|------|---------|---------|---------|------|------|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.03 | 0.03 | 0.26 | 0.33 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 44.8 | 44.8 | < 0.005 | < 0.005 | — | 45.0 | |
| Paving | — | 0.01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Vendor | 0.01 | < 0.005 | 0.07 | 0.06 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.8 | 12.8 | < 0.005 | < 0.005 | < 0.005 | 13.4 | |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Vendor | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.51 | 1.51 | < 0.005 | < 0.005 | < 0.005 | 1.58 | |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.25 | 0.25 | < 0.005 | < 0.005 | < 0.005 | 0.26 | |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |

3.12. Offsite Paving (Continual and Final) (2024) - Mitigated

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

| | | | | | | | | | | | | | | | | | | |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | < 0.005 | 0.07 | 0.06 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.8 | 12.8 | < 0.005 | < 0.005 | < 0.005 | 13.4 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.51 | 1.51 | < 0.005 | < 0.005 | < 0.005 | 1.58 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.25 | 0.25 | < 0.005 | < 0.005 | < 0.005 | 0.26 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.13. Offsite Paving (Continual and Final) (2025) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.43 | 1.20 | 11.2 | 15.0 | 0.02 | 0.52 | — | 0.52 | 0.48 | — | 0.48 | — | 2,267 | 2,267 | 0.09 | 0.02 | — | 2,275 |
| Paving | — | 0.40 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.43 | 1.20 | 11.2 | 15.0 | 0.02 | 0.52 | — | 0.52 | 0.48 | — | 0.48 | — | 2,267 | 2,267 | 0.09 | 0.02 | — | 2,275 |

| | | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|-------|-------|---------|---------|---------|-------|
| Paving | — | 0.40 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.74 | 0.62 | 5.80 | 7.76 | 0.01 | 0.27 | — | 0.27 | 0.25 | — | 0.25 | — | 1,176 | 1,176 | 0.05 | 0.01 | — | 1,180 |
| Paving | — | 0.20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.14 | 0.11 | 1.06 | 1.42 | < 0.005 | 0.05 | — | 0.05 | 0.05 | — | 0.05 | — | 195 | 195 | 0.01 | < 0.005 | — | 195 |
| Paving | — | 0.04 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | < 0.005 | 0.07 | 0.06 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.3 | 12.3 | < 0.005 | < 0.005 | 0.01 | 12.9 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.07 | 0.06 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.5 | 12.5 | < 0.005 | < 0.005 | < 0.005 | 13.1 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---------|---------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Vendor | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 6.43 | 6.43 | < 0.005 | < 0.005 | < 0.005 | 6.73 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.06 | 1.06 | < 0.005 | < 0.005 | < 0.005 | 1.11 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.14. Offsite Paving (Continual and Final) (2025) - Mitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.66 | 0.59 | 3.57 | 15.9 | 0.02 | 0.16 | — | 0.16 | 0.15 | — | 0.15 | — | 2,267 | 2,267 | 0.09 | 0.02 | — | 2,275 |
| Paving | — | 0.40 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.66 | 0.59 | 3.57 | 15.9 | 0.02 | 0.16 | — | 0.16 | 0.15 | — | 0.15 | — | 2,267 | 2,267 | 0.09 | 0.02 | — | 2,275 |
| Paving | — | 0.40 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.34 | 0.30 | 1.85 | 8.25 | 0.01 | 0.08 | — | 0.08 | 0.08 | — | 0.08 | — | 1,176 | 1,176 | 0.05 | 0.01 | — | 1,180 |

| | | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Paving | — | 0.20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.06 | 0.06 | 0.34 | 1.51 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 195 | 195 | 0.01 | < 0.005 | — | 195 |
| Paving | — | 0.04 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | < 0.005 | 0.07 | 0.06 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.3 | 12.3 | < 0.005 | < 0.005 | 0.01 | 12.9 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.07 | 0.06 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.5 | 12.5 | < 0.005 | < 0.005 | < 0.005 | 13.1 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 6.43 | 6.43 | < 0.005 | < 0.005 | < 0.005 | 6.73 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.06 | 1.06 | < 0.005 | < 0.005 | < 0.005 | 1.11 |

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|------------------------|---------|---------|------|------|---------|---------|------|---------|---------|------|---------|------|---|------|------|---------|---------|------|------|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | — | 1.45 | 1.45 | < 0.005 | < 0.005 | — | 1.46 |
| Architectural Coatings | — | 0.07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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|------------------------|---------|---------|------|------|---------|---------|------|---------|---------|------|---------|------|---|------|------|---------|---------|------|------|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | — | 1.45 | 1.45 | < 0.005 | < 0.005 | — | 1.46 |
| Architectural Coatings | — | 0.03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | |
|------------------------|---------|---------|------|------|---------|---------|------|---------|---------|------|---------|------|---|------|------|---------|---------|------|------|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | — | 4.32 | 4.32 | < 0.005 | < 0.005 | — | 4.34 |
| Architectural Coatings | — | 0.17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | |
|------------------------|---------|---------|------|------|---------|---------|------|---------|---------|------|---------|------|---|------|------|---------|---------|------|------|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | — | 4.32 | 4.32 | < 0.005 | < 0.005 | — | 4.34 |
| Architectural Coatings | — | 0.07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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|------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Architectural Coatings | — | 0.57 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | < 0.005 | 0.07 | 0.06 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.8 | 12.8 | < 0.005 | < 0.005 | < 0.005 | 13.4 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.51 | 1.51 | < 0.005 | < 0.005 | < 0.005 | 1.58 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.25 | 0.25 | < 0.005 | < 0.005 | < 0.005 | 0.26 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.20. Offsite Architectural Coating (Striping) (2024) - Mitigated

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

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

| | | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | < 0.005 | 0.07 | 0.06 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.8 | 12.8 | < 0.005 | < 0.005 | < 0.005 | 13.4 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.51 | 1.51 | < 0.005 | < 0.005 | < 0.005 | 1.58 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.25 | 0.25 | < 0.005 | < 0.005 | < 0.005 | 0.26 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.21. Offsite Architectural Coating (Striping) (2025) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|------|------|---------|------|------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.62 | 0.51 | 3.53 | 4.56 | 0.01 | 0.11 | — | 0.11 | 0.10 | — | 0.10 | — | 534 | 534 | 0.02 | < 0.005 | — | 536 |
| Architect ural Coatings | — | 26.2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|------------------------|------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|------|------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.62 | 0.51 | 3.53 | 4.56 | 0.01 | 0.11 | — | 0.11 | 0.10 | — | 0.10 | — | 534 | 534 | 0.02 | < 0.005 | — | 536 |
| Architectural Coatings | — | 26.2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.33 | 0.27 | 1.88 | 2.43 | < 0.005 | 0.06 | — | 0.06 | 0.05 | — | 0.05 | — | 284 | 284 | 0.01 | < 0.005 | — | 285 |
| Architectural Coatings | — | 14.0 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.06 | 0.05 | 0.34 | 0.44 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 47.1 | 47.1 | < 0.005 | < 0.005 | — | 47.2 |
| Architectural Coatings | — | 2.55 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | < 0.005 | 0.07 | 0.06 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.3 | 12.3 | < 0.005 | < 0.005 | 0.01 | 12.9 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.07 | 0.06 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.5 | 12.5 | < 0.005 | < 0.005 | < 0.005 | 13.1 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 6.60 | 6.60 | < 0.005 | < 0.005 | < 0.005 | 6.91 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.09 | 1.09 | < 0.005 | < 0.005 | < 0.005 | 1.14 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.22. Offsite Architectural Coating (Striping) (2025) - Mitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|------|------|---------|------|------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.62 | 0.51 | 3.53 | 4.56 | 0.01 | 0.11 | — | 0.11 | 0.10 | — | 0.10 | — | 534 | 534 | 0.02 | < 0.005 | — | 536 |
| Architect ural Coatings | — | 11.5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|------------------------|------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|------|------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.62 | 0.51 | 3.53 | 4.56 | 0.01 | 0.11 | — | 0.11 | 0.10 | — | 0.10 | — | 534 | 534 | 0.02 | < 0.005 | — | 536 |
| Architectural Coatings | — | 11.5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.33 | 0.27 | 1.88 | 2.43 | < 0.005 | 0.06 | — | 0.06 | 0.05 | — | 0.05 | — | 284 | 284 | 0.01 | < 0.005 | — | 285 |
| Architectural Coatings | — | 6.12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.06 | 0.05 | 0.34 | 0.44 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 47.1 | 47.1 | < 0.005 | < 0.005 | — | 47.2 |
| Architectural Coatings | — | 1.12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | < 0.005 | 0.07 | 0.06 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.3 | 12.3 | < 0.005 | < 0.005 | 0.01 | 12.9 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.07 | 0.06 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.5 | 12.5 | < 0.005 | < 0.005 | < 0.005 | 13.1 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 6.60 | 6.60 | < 0.005 | < 0.005 | < 0.005 | 6.91 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.09 | 1.09 | < 0.005 | < 0.005 | < 0.005 | 1.14 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.23. Offsite Road Removal/Utility Install (2024) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|---|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.81 | 1.50 | 12.8 | 15.7 | 0.02 | 0.48 | — | 0.48 | 0.44 | — | 0.44 | — | 2,274 | 2,274 | 0.09 | 0.02 | — | 2,282 |

| | | | | | | | | | | | | | | | | | | |
|------------------------------|------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Dust From Material Movement: | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.22 | 0.18 | 1.53 | 1.87 | < 0.005 | 0.06 | — | 0.06 | 0.05 | — | 0.05 | — | 271 | 271 | 0.01 | < 0.005 | — | 272 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.04 | 0.03 | 0.28 | 0.34 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 44.9 | 44.9 | < 0.005 | < 0.005 | — | 45.1 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | < 0.005 | 0.07 | 0.06 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.8 | 12.8 | < 0.005 | < 0.005 | < 0.005 | 13.4 |
| Hauling | 0.02 | 0.02 | 0.42 | 0.33 | < 0.005 | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 70.3 | 70.3 | < 0.005 | 0.01 | < 0.005 | 73.6 |

| | | | | | | | | | | | | | | | | | | |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.51 | 1.51 | < 0.005 | < 0.005 | < 0.005 | 1.58 |
| Hauling | < 0.005 | < 0.005 | 0.05 | 0.04 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 8.28 | 8.28 | < 0.005 | < 0.005 | < 0.005 | 8.69 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.25 | 0.25 | < 0.005 | < 0.005 | < 0.005 | 0.26 |
| Hauling | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.37 | 1.37 | < 0.005 | < 0.005 | < 0.005 | 1.44 |

3.24. Offsite Road Removal/Utility Install (2024) - Mitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|---------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.47 | 1.23 | 9.61 | 16.0 | 0.02 | 0.33 | — | 0.33 | 0.31 | — | 0.31 | — | 2,274 | 2,274 | 0.09 | 0.02 | — | 2,282 |
| Dust From Material Movement | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.18 | 0.15 | 1.15 | 1.91 | < 0.005 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 271 | 271 | 0.01 | < 0.005 | — | 272 |

| | | | | | | | | | | | | | | | | | | |
|------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Dust From Material Movement: | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.03 | 0.03 | 0.21 | 0.35 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 44.9 | 44.9 | < 0.005 | < 0.005 | — | 45.1 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | < 0.005 | 0.07 | 0.06 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.8 | 12.8 | < 0.005 | < 0.005 | < 0.005 | 13.4 |
| Hauling | 0.02 | 0.02 | 0.42 | 0.33 | < 0.005 | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 70.3 | 70.3 | < 0.005 | 0.01 | < 0.005 | 73.6 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.51 | 1.51 | < 0.005 | < 0.005 | < 0.005 | 1.58 |
| Hauling | < 0.005 | < 0.005 | 0.05 | 0.04 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 8.28 | 8.28 | < 0.005 | < 0.005 | < 0.005 | 8.69 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.25 | 0.25 | < 0.005 | < 0.005 | < 0.005 | 0.26 |

| | | | | | | | | | | | | | | | | | | |
|---------|---------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Hauling | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.37 | 1.37 | < 0.005 | < 0.005 | < 0.005 | 1.44 |
|---------|---------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|

3.25. Offsite Road Removal/Utility Install (2025) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.71 | 1.42 | 12.3 | 15.6 | 0.02 | 0.41 | — | 0.41 | 0.38 | — | 0.38 | — | 2,274 | 2,274 | 0.09 | 0.02 | — | 2,282 |
| Dust From Material Movement | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.71 | 1.42 | 12.3 | 15.6 | 0.02 | 0.41 | — | 0.41 | 0.38 | — | 0.38 | — | 2,274 | 2,274 | 0.09 | 0.02 | — | 2,282 |
| Dust From Material Movement | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.51 | 0.43 | 3.71 | 4.70 | 0.01 | 0.12 | — | 0.12 | 0.11 | — | 0.11 | — | 685 | 685 | 0.03 | 0.01 | — | 688 |

| | | | | | | | | | | | | | | | | | | |
|------------------------------|---------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Dust From Material Movement: | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Off-Road Equipment | 0.09 | 0.08 | 0.68 | 0.86 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 113 | 113 | < 0.005 | < 0.005 | — | 114 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Vendor | 0.01 | < 0.005 | 0.07 | 0.06 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.3 | 12.3 | < 0.005 | < 0.005 | 0.01 | 12.9 |
| Hauling | 0.03 | 0.02 | 0.38 | 0.32 | < 0.005 | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 67.3 | 67.3 | < 0.005 | 0.01 | 0.04 | 70.6 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Vendor | < 0.005 | < 0.005 | 0.07 | 0.06 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.5 | 12.5 | < 0.005 | < 0.005 | < 0.005 | 13.1 |
| Hauling | 0.02 | 0.02 | 0.41 | 0.33 | < 0.005 | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 68.8 | 68.8 | < 0.005 | 0.01 | < 0.005 | 72.0 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Vendor | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 3.74 | 3.74 | < 0.005 | < 0.005 | < 0.005 | 3.91 |
| Hauling | 0.01 | 0.01 | 0.12 | 0.10 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 20.5 | 20.5 | < 0.005 | < 0.005 | 0.01 | 21.4 |

| | | | | | | | | | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.62 | 0.62 | < 0.005 | < 0.005 | < 0.005 | 0.65 |
| Hauling | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 3.39 | 3.39 | < 0.005 | < 0.005 | < 0.005 | 3.55 |

3.26. Offsite Road Removal/Utility Install (2025) - Mitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|------------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.41 | 1.18 | 9.42 | 16.0 | 0.02 | 0.30 | — | 0.30 | 0.28 | — | 0.28 | — | 2,274 | 2,274 | 0.09 | 0.02 | — | 2,282 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.41 | 1.18 | 9.42 | 16.0 | 0.02 | 0.30 | — | 0.30 | 0.28 | — | 0.28 | — | 2,274 | 2,274 | 0.09 | 0.02 | — | 2,282 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|-----------------------------|---------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Off-Road Equipment | 0.42 | 0.36 | 2.84 | 4.81 | 0.01 | 0.09 | — | 0.09 | 0.08 | — | 0.08 | — | 685 | 685 | 0.03 | 0.01 | — | 688 |
| Dust From Material Movement | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.08 | 0.06 | 0.52 | 0.88 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 113 | 113 | < 0.005 | < 0.005 | — | 114 |
| Dust From Material Movement | — | — | — | — | — | — | 0.00 | 0.00 | — | 0.00 | 0.00 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | 0.01 | < 0.005 | 0.07 | 0.06 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.3 | 12.3 | < 0.005 | < 0.005 | 0.01 | 12.9 |
| Hauling | 0.03 | 0.02 | 0.38 | 0.32 | < 0.005 | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 67.3 | 67.3 | < 0.005 | 0.01 | 0.04 | 70.6 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | 0.07 | 0.06 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.5 | 12.5 | < 0.005 | < 0.005 | < 0.005 | 13.1 |
| Hauling | 0.02 | 0.02 | 0.41 | 0.33 | < 0.005 | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 68.8 | 68.8 | < 0.005 | 0.01 | < 0.005 | 72.0 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Vendor | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 3.74 | 3.74 | < 0.005 | < 0.005 | < 0.005 | 3.91 |
| Hauling | 0.01 | 0.01 | 0.12 | 0.10 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 20.5 | 20.5 | < 0.005 | < 0.005 | 0.01 | 21.4 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.62 | 0.62 | < 0.005 | < 0.005 | < 0.005 | 0.65 |
| Hauling | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 3.39 | 3.39 | < 0.005 | < 0.005 | < 0.005 | 3.55 |

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|------|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.42 | 0.35 | 14.6 | 2.90 | 0.15 | 0.32 | 4.87 | 5.19 | 0.30 | 1.30 | 1.60 | — | 15,733 | 15,733 | 0.03 | 2.26 | 44.1 | 16,451 |
| Unrefrigerated Warehouse-Rail | 3.65 | 3.11 | 99.9 | 22.7 | 0.91 | 2.13 | 33.4 | 35.5 | 2.03 | 8.96 | 11.0 | — | 95,779 | 95,779 | 0.23 | 13.8 | 325 | 100,210 |
| General Heavy Industry | 2.64 | 2.24 | 65.0 | 16.9 | 0.61 | 1.34 | 22.9 | 24.3 | 1.28 | 6.15 | 7.43 | — | 63,883 | 63,883 | 0.17 | 8.82 | 231 | 66,748 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|---------|---------|------|------|------|---------|------|
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 6.71 | 5.70 | 180 | 42.5 | 1.67 | 3.79 | 61.1 | 64.9 | 3.62 | 16.4 | 20.0 | — | 175,395 | 175,395 | 0.44 | 24.8 | 600 | 183,409 | |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.41 | 0.34 | 15.4 | 2.91 | 0.15 | 0.32 | 4.87 | 5.19 | 0.30 | 1.30 | 1.60 | — | 15,737 | 15,737 | 0.03 | 2.26 | 1.14 | 16,413 | |
| Unrefrigerated Warehouse-Rail | 3.57 | 3.04 | 105 | 22.7 | 0.91 | 2.13 | 33.4 | 35.5 | 2.04 | 8.96 | 11.0 | — | 95,801 | 95,801 | 0.23 | 13.8 | 8.44 | 99,919 | |
| General Heavy Industry | 2.59 | 2.20 | 68.3 | 16.8 | 0.61 | 1.34 | 22.9 | 24.3 | 1.29 | 6.15 | 7.43 | — | 63,895 | 63,895 | 0.17 | 8.84 | 5.99 | 66,539 | |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 6.57 | 5.58 | 189 | 42.4 | 1.67 | 3.79 | 61.1 | 64.9 | 3.62 | 16.4 | 20.0 | — | 175,433 | 175,433 | 0.44 | 24.9 | 15.6 | 182,870 | |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.08 | 0.06 | 2.84 | 0.53 | 0.03 | 0.06 | 0.89 | 0.95 | 0.06 | 0.24 | 0.29 | — | 2,605 | 2,605 | 0.01 | 0.37 | 3.15 | 2,720 | |
| Unrefrigerated Warehouse-Rail | 0.66 | 0.56 | 19.4 | 4.11 | 0.17 | 0.39 | 6.08 | 6.47 | 0.37 | 1.63 | 2.01 | — | 15,859 | 15,859 | 0.04 | 2.28 | 23.3 | 16,563 | |

| | | | | | | | | | | | | | | | | | | |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|---|--------|--------|------|------|------|--------|
| General Heavy Industry | 0.48 | 0.40 | 12.6 | 3.05 | 0.11 | 0.25 | 4.18 | 4.42 | 0.23 | 1.12 | 1.36 | — | 10,577 | 10,577 | 0.03 | 1.46 | 16.5 | 11,031 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 1.21 | 1.03 | 34.9 | 7.69 | 0.30 | 0.69 | 11.2 | 11.8 | 0.66 | 2.99 | 3.65 | — | 29,041 | 29,041 | 0.07 | 4.12 | 42.9 | 30,313 |

4.1.2. Mitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|---------|---------|------|------|------|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.42 | 0.35 | 14.6 | 2.90 | 0.15 | 0.32 | 4.87 | 5.19 | 0.30 | 1.30 | 1.60 | — | 15,733 | 15,733 | 0.03 | 2.26 | 44.1 | 16,451 |
| Unrefrigerated Warehouse-Rail | 3.65 | 3.11 | 99.9 | 22.7 | 0.91 | 2.13 | 33.4 | 35.5 | 2.03 | 8.96 | 11.0 | — | 95,779 | 95,779 | 0.23 | 13.8 | 325 | 100,210 |
| General Heavy Industry | 2.64 | 2.24 | 65.0 | 16.9 | 0.61 | 1.34 | 22.9 | 24.3 | 1.28 | 6.15 | 7.43 | — | 63,883 | 63,883 | 0.17 | 8.82 | 231 | 66,748 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 6.71 | 5.70 | 180 | 42.5 | 1.67 | 3.79 | 61.1 | 64.9 | 3.62 | 16.4 | 20.0 | — | 175,395 | 175,395 | 0.44 | 24.8 | 600 | 183,409 |

| | | | | | | | | | | | | | | | | | | |
|----------------------------------|------|------|------|------|------|------|------|------|------|------|------|---|---------|---------|------|------|------|---------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.41 | 0.34 | 15.4 | 2.91 | 0.15 | 0.32 | 4.87 | 5.19 | 0.30 | 1.30 | 1.60 | — | 15,737 | 15,737 | 0.03 | 2.26 | 1.14 | 16,413 |
| Unrefrigerated Warehouse-Rail | 3.57 | 3.04 | 105 | 22.7 | 0.91 | 2.13 | 33.4 | 35.5 | 2.04 | 8.96 | 11.0 | — | 95,801 | 95,801 | 0.23 | 13.8 | 8.44 | 99,919 |
| General Heavy Industry | 2.59 | 2.20 | 68.3 | 16.8 | 0.61 | 1.34 | 22.9 | 24.3 | 1.29 | 6.15 | 7.43 | — | 63,895 | 63,895 | 0.17 | 8.84 | 5.99 | 66,539 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 6.57 | 5.58 | 189 | 42.4 | 1.67 | 3.79 | 61.1 | 64.9 | 3.62 | 16.4 | 20.0 | — | 175,433 | 175,433 | 0.44 | 24.9 | 15.6 | 182,870 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.08 | 0.06 | 2.84 | 0.53 | 0.03 | 0.06 | 0.89 | 0.95 | 0.06 | 0.24 | 0.29 | — | 2,605 | 2,605 | 0.01 | 0.37 | 3.15 | 2,720 |
| Unrefrigerated Warehouse-Rail | 0.66 | 0.56 | 19.4 | 4.11 | 0.17 | 0.39 | 6.08 | 6.47 | 0.37 | 1.63 | 2.01 | — | 15,859 | 15,859 | 0.04 | 2.28 | 23.3 | 16,563 |
| General Heavy Industry | 0.48 | 0.40 | 12.6 | 3.05 | 0.11 | 0.25 | 4.18 | 4.42 | 0.23 | 1.12 | 1.36 | — | 10,577 | 10,577 | 0.03 | 1.46 | 16.5 | 11,031 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|--------|------|------|------|--------|------|
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 1.21 | 1.03 | 34.9 | 7.69 | 0.30 | 0.69 | 11.2 | 11.8 | 0.66 | 2.99 | 3.65 | — | 29,041 | 29,041 | 0.07 | 4.12 | 42.9 | 30,313 | |

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|--------|--------|------|---------|---|--------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 838 | 838 | 0.08 | 0.01 | — | 843 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | 3,303 | 3,303 | 0.31 | 0.04 | — | 3,322 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | 3,673 | 3,673 | 0.35 | 0.04 | — | 3,694 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | 432 | 432 | 0.04 | < 0.005 | — | 435 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| undefined | — | — | — | — | — | — | — | — | — | — | — | — | 8,332 | 8,332 | 0.79 | 0.10 | — | 8,381 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 16,579 | 16,579 | 1.58 | 0.19 | — | 16,675 |

| | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|-------|-------|------|---------|---|-------|
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | 71.6 | 71.6 | 0.01 | < 0.005 | — | 72.0 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| undefined | — | — | — | — | — | — | — | — | — | — | — | — | 1,379 | 1,379 | 0.13 | 0.02 | — | 1,388 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 2,745 | 2,745 | 0.26 | 0.03 | — | 2,761 |

4.2.2. Electricity Emissions By Land Use - Mitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|---------|---------|---------|---------|---|---------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 5.09 | 5.09 | < 0.005 | < 0.005 | — | 5.12 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | 20.1 | 20.1 | < 0.005 | < 0.005 | — | 20.2 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | 10.8 | 10.8 | < 0.005 | < 0.005 | — | 10.9 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | < 0.005 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| undefined | — | — | — | — | — | — | — | — | — | — | — | — | 8,332 | 8,332 | 0.79 | 0.10 | — | 8,381 |

| | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---------|---------|---------|---------|---|---------|
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 8,368 | 8,368 | 0.80 | 0.10 | — | 8,417 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | < 0.005 |
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | < 0.005 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| undefined | — | — | — | — | — | — | — | — | — | — | — | — | 8,332 | 8,332 | 0.79 | 0.10 | — | 8,381 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 8,332 | 8,332 | 0.79 | 0.10 | — | 8,381 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 0.42 | 0.42 | < 0.005 | < 0.005 | — | 0.42 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | 1.64 | 1.64 | < 0.005 | < 0.005 | — | 1.65 |

| | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---------|---------|---------|---------|---|---------|
| General Heavy Industry | — | — | — | — | — | — | — | — | — | — | — | — | 0.88 | 0.88 | < 0.005 | < 0.005 | — | 0.89 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | < 0.005 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| undefined | — | — | — | — | — | — | — | — | — | — | — | — | 1,379 | 1,379 | 0.13 | 0.02 | — | 1,388 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 1,382 | 1,382 | 0.13 | 0.02 | — | 1,390 |

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|---------|---|-------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.11 | 0.05 | 0.98 | 0.82 | 0.01 | 0.07 | — | 0.07 | 0.07 | — | 0.07 | — | 1,166 | 1,166 | 0.10 | < 0.005 | — | 1,169 |
| Unrefrigerated Warehouse-Rail | 0.42 | 0.21 | 3.85 | 3.23 | 0.02 | 0.29 | — | 0.29 | 0.29 | — | 0.29 | — | 4,594 | 4,594 | 0.41 | 0.01 | — | 4,607 |
| General Heavy Industry | 0.51 | 0.26 | 4.68 | 3.93 | 0.03 | 0.36 | — | 0.36 | 0.36 | — | 0.36 | — | 5,580 | 5,580 | 0.49 | 0.01 | — | 5,596 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | |
|--|---------------------------|--------|--------------|------|------|------|------|
| Architectural Coating | Aerial Lifts | Diesel | Average | 3.00 | 6.00 | 46.0 | 0.31 |
| Offsite Architectural Coating (Striping) | Air Compressors | Diesel | Average | 3.00 | 8.00 | 37.0 | 0.48 |
| Offsite Road Removal/Utility Install | Concrete/Industrial Saws | Diesel | Average | 3.00 | 8.00 | 33.0 | 0.73 |
| Offsite Road Removal/Utility Install | Excavators | Diesel | Average | 3.00 | 8.00 | 36.0 | 0.38 |
| Offsite Road Removal/Utility Install | Pumps | Diesel | Average | 3.00 | 8.00 | 11.0 | 0.74 |
| Offsite Road Removal/Utility Install | Tractors/Loaders/Backhoes | Diesel | Tier 4 Final | 3.00 | 8.00 | 84.0 | 0.37 |

5.3. Construction Vehicles

5.3.1. Unmitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|-----------------------|--------------|-----------------------|----------------|---------------|
| Site Preparation | — | — | — | — |
| Site Preparation | Worker | 0.00 | 0.00 | LDA,LDT1,LDT2 |
| Site Preparation | Vendor | 4.00 | 0.25 | HHDT,MHDT |
| Site Preparation | Hauling | 182 | 0.25 | HHDT |
| Site Preparation | Onsite truck | 0.00 | — | HHDT |
| Mass Grading | — | — | — | — |
| Mass Grading | Worker | 0.00 | 0.00 | LDA,LDT1,LDT2 |
| Mass Grading | Vendor | 8.00 | 0.25 | HHDT,MHDT |
| Mass Grading | Hauling | 178 | 0.25 | HHDT |
| Mass Grading | Onsite truck | — | — | HHDT |
| Building Construction | — | — | — | — |
| Building Construction | Worker | 0.00 | 0.00 | LDA,LDT1,LDT2 |
| Building Construction | Vendor | 478 | 0.25 | HHDT,MHDT |

| | | | | |
|--|--------------|------|------|---------------|
| Building Construction | Hauling | 0.00 | 0.25 | HHDT |
| Building Construction | Onsite truck | 0.00 | — | HHDT |
| Onsite Paving | — | — | — | — |
| Onsite Paving | Worker | 0.00 | 0.00 | LDA,LDT1,LDT2 |
| Onsite Paving | Vendor | 50.0 | 0.25 | HHDT,MHDT |
| Onsite Paving | Hauling | 0.00 | 0.25 | HHDT |
| Onsite Paving | Onsite truck | 0.00 | — | HHDT |
| Architectural Coating | — | — | — | — |
| Architectural Coating | Worker | 0.00 | 0.00 | LDA,LDT1,LDT2 |
| Architectural Coating | Vendor | 0.00 | 0.19 | HHDT,MHDT |
| Architectural Coating | Hauling | 0.00 | 0.19 | HHDT |
| Architectural Coating | Onsite truck | 0.00 | — | HHDT |
| Offsite Paving (Continual and Final) | — | — | — | — |
| Offsite Paving (Continual and Final) | Worker | 0.00 | 0.00 | LDA,LDT1,LDT2 |
| Offsite Paving (Continual and Final) | Vendor | 6.00 | 0.25 | HHDT,MHDT |
| Offsite Paving (Continual and Final) | Hauling | 0.00 | 0.25 | HHDT |
| Offsite Paving (Continual and Final) | Onsite truck | 0.00 | — | HHDT |
| Testing | — | — | — | — |
| Testing | Worker | 0.00 | 0.00 | LDA,LDT1,LDT2 |
| Testing | Vendor | 0.00 | 0.25 | HHDT,MHDT |
| Testing | Hauling | 0.00 | 0.25 | HHDT |
| Testing | Onsite truck | 0.00 | — | HHDT |
| Offsite Architectural Coating (Striping) | — | — | — | — |
| Offsite Architectural Coating (Striping) | Worker | 0.00 | 0.00 | LDA,LDT1,LDT2 |
| Offsite Architectural Coating (Striping) | Vendor | 6.00 | 0.25 | HHDT,MHDT |
| Offsite Architectural Coating (Striping) | Hauling | 0.00 | 0.25 | HHDT |
| Offsite Architectural Coating (Striping) | Onsite truck | 0.00 | — | HHDT |

| | | | | |
|--------------------------------------|--------------|------|------|---------------|
| Offsite Road Removal/Utility Install | — | — | — | — |
| Offsite Road Removal/Utility Install | Worker | 0.00 | 18.5 | LDA,LDT1,LDT2 |
| Offsite Road Removal/Utility Install | Vendor | 6.00 | 0.25 | HHDT,MHDT |
| Offsite Road Removal/Utility Install | Hauling | 22.0 | 0.25 | HHDT |
| Offsite Road Removal/Utility Install | Onsite truck | 0.00 | — | HHDT |

5.3.2. Mitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|-----------------------|--------------|-----------------------|----------------|---------------|
| Site Preparation | — | — | — | — |
| Site Preparation | Worker | 0.00 | 0.00 | LDA,LDT1,LDT2 |
| Site Preparation | Vendor | 4.00 | 0.25 | HHDT,MHDT |
| Site Preparation | Hauling | 182 | 0.25 | HHDT |
| Site Preparation | Onsite truck | 0.00 | — | HHDT |
| Mass Grading | — | — | — | — |
| Mass Grading | Worker | 0.00 | 0.00 | LDA,LDT1,LDT2 |
| Mass Grading | Vendor | 8.00 | 0.25 | HHDT,MHDT |
| Mass Grading | Hauling | 178 | 0.25 | HHDT |
| Mass Grading | Onsite truck | — | — | HHDT |
| Building Construction | — | — | — | — |
| Building Construction | Worker | 0.00 | 0.00 | LDA,LDT1,LDT2 |
| Building Construction | Vendor | 478 | 0.25 | HHDT,MHDT |
| Building Construction | Hauling | 0.00 | 0.25 | HHDT |
| Building Construction | Onsite truck | 0.00 | — | HHDT |
| Onsite Paving | — | — | — | — |
| Onsite Paving | Worker | 0.00 | 0.00 | LDA,LDT1,LDT2 |
| Onsite Paving | Vendor | 50.0 | 0.25 | HHDT,MHDT |
| Onsite Paving | Hauling | 0.00 | 0.25 | HHDT |

| | | | | |
|--|--------------|------|------|---------------|
| Onsite Paving | Onsite truck | 0.00 | — | HHDT |
| Architectural Coating | — | — | — | — |
| Architectural Coating | Worker | 0.00 | 0.00 | LDA,LDT1,LDT2 |
| Architectural Coating | Vendor | 0.00 | 0.19 | HHDT,MHDT |
| Architectural Coating | Hauling | 0.00 | 0.19 | HHDT |
| Architectural Coating | Onsite truck | 0.00 | — | HHDT |
| Offsite Paving (Continual and Final) | — | — | — | — |
| Offsite Paving (Continual and Final) | Worker | 0.00 | 0.00 | LDA,LDT1,LDT2 |
| Offsite Paving (Continual and Final) | Vendor | 6.00 | 0.25 | HHDT,MHDT |
| Offsite Paving (Continual and Final) | Hauling | 0.00 | 0.25 | HHDT |
| Offsite Paving (Continual and Final) | Onsite truck | 0.00 | — | HHDT |
| Testing | — | — | — | — |
| Testing | Worker | 0.00 | 0.00 | LDA,LDT1,LDT2 |
| Testing | Vendor | 0.00 | 0.25 | HHDT,MHDT |
| Testing | Hauling | 0.00 | 0.25 | HHDT |
| Testing | Onsite truck | 0.00 | — | HHDT |
| Offsite Architectural Coating (Striping) | — | — | — | — |
| Offsite Architectural Coating (Striping) | Worker | 0.00 | 0.00 | LDA,LDT1,LDT2 |
| Offsite Architectural Coating (Striping) | Vendor | 6.00 | 0.25 | HHDT,MHDT |
| Offsite Architectural Coating (Striping) | Hauling | 0.00 | 0.25 | HHDT |
| Offsite Architectural Coating (Striping) | Onsite truck | 0.00 | — | HHDT |
| Offsite Road Removal/Utility Install | — | — | — | — |
| Offsite Road Removal/Utility Install | Worker | 0.00 | 18.5 | LDA,LDT1,LDT2 |
| Offsite Road Removal/Utility Install | Vendor | 6.00 | 0.25 | HHDT,MHDT |
| Offsite Road Removal/Utility Install | Hauling | 22.0 | 0.25 | HHDT |
| Offsite Road Removal/Utility Install | Onsite truck | 0.00 | — | HHDT |

5.7. Construction Paving

| Land Use | Area Paved (acres) | % Asphalt |
|----------------------------------|--------------------|-----------|
| Unrefrigerated Warehouse-No Rail | 0.00 | 0% |
| Unrefrigerated Warehouse-No Rail | 0.00 | 0% |
| Unrefrigerated Warehouse-Rail | 0.00 | 0% |
| Unrefrigerated Warehouse-Rail | 0.00 | 0% |
| General Heavy Industry | 0.00 | 0% |
| General Heavy Industry | 0.00 | 0% |
| Parking Lot | 11.9 | 100% |
| Other Asphalt Surfaces | 23.0 | 100% |

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

| Year | kWh per Year | CO2 | CH4 | N2O |
|------|--------------|-----|------|---------|
| 2024 | 0.00 | 349 | 0.03 | < 0.005 |
| 2025 | 0.00 | 349 | 0.03 | < 0.005 |

5.9. Operational Mobile Sources

5.9.1. Unmitigated

| Land Use Type | Trips/Weekday | Trips/Saturday | Trips/Sunday | Trips/Year | VM/Weekday | VM/Saturday | VM/Sunday | VM/Year |
|----------------------------------|---------------|----------------|--------------|------------|------------|-------------|-----------|-----------|
| Unrefrigerated Warehouse-No Rail | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Unrefrigerated Warehouse-No Rail | 90.0 | 90.0 | 90.0 | 32,852 | 5,589 | 5,589 | 5,589 | 2,040,118 |
| Unrefrigerated Warehouse-Rail | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | |
|-------------------------------|------|------|------|---------|--------|--------|--------|------------|
| Unrefrigerated Warehouse-Rail | 610 | 610 | 610 | 222,664 | 37,883 | 37,883 | 37,883 | 13,827,444 |
| General Heavy Industry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| General Heavy Industry | 423 | 423 | 423 | 154,441 | 26,276 | 26,276 | 26,276 | 9,590,765 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Unrefrigerated Warehouse-No Rail | 90.0 | 90.0 | 90.0 | 32,852 | 5,589 | 5,589 | 5,589 | 2,040,118 |
| Unrefrigerated Warehouse-Rail | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Unrefrigerated Warehouse-Rail | 610 | 610 | 610 | 222,664 | 37,883 | 37,883 | 37,883 | 13,827,444 |
| General Heavy Industry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| General Heavy Industry | 423 | 423 | 423 | 154,441 | 26,276 | 26,276 | 26,276 | 9,590,765 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

5.10. Operational Area Sources

5.10.1. Hearths

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

| Screen | Justification |
|---|--|
| Construction: Construction Phases | Construction schedule approved by applicant. |
| Construction: Off-Road Equipment | Construction equipment assumptions approved by the applicant. |
| Construction: Dust From Material Movement | Per preliminary project details, approximately 81.10 acres would be graded. 23 acres graded for offsite utilities and roadway improvements. |
| Construction: Trips and VMT | On-road vehicle assumptions approved by applicant. For construction HRA analysis- only concerned with localized DPM emissions (i.e., within 1,320 ft of the project site and no gas passenger vehicles). |
| Operations: Vehicle Data | Trip details consistent with traffic report. Truck hauling distance of 62.1 miles consistent with Mojave Industrial Park Supplemental VMT Analysis (Urban Crossroads 2023). Zeroed out passenger vehicles. |
| Operations: Fleet Mix | % vehicle split consistent with traffic report. |
| Operations: Water and Waste Water | Landscaping for project included all within URW-NR. Water use consistent with assumptions from WSA (WSC, June 2023). |
| Operations: Off-Road Equipment | Operational off-road equipment consistent with SCAQMD High-Cube Warehouse Business Survey. |