

# Richland Winchester - TTM 38483 Detailed Report

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# 1. Basic Project Information

## 1.1. Basic Project Information

| Data Field                  | Value                                  |
|-----------------------------|----------------------------------------|
| Project Name                | Richland Winchester - TTM 38483        |
| Construction Start Date     | 1/1/2025                               |
| Operational Year            | 2027                                   |
| Lead Agency                 | —                                      |
| Land Use Scale              | Project/site                           |
| Analysis Level for Defaults | County                                 |
| Windspeed (m/s)             | 2.50                                   |
| Precipitation (days)        | 14.0                                   |
| Location                    | 33.66769100135092, -117.10896215048356 |
| County                      | Riverside-South Coast                  |
| City                        | Unincorporated                         |
| Air District                | South Coast AQMD                       |
| Air Basin                   | South Coast                            |
| TAZ                         | 5508                                   |
| EDFZ                        | 11                                     |
| Electric Utility            | Southern California Edison             |
| Gas Utility                 | Southern California Gas                |
| App Version                 | 2022.1.1.24                            |

## 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 |
|------------------|------|------|-------------|-----------------------|------------------------|--------------------------------|------------|-------------|
|------------------|------|------|-------------|-----------------------|------------------------|--------------------------------|------------|-------------|

|                        |      |               |      |         |         |   |     |   |
|------------------------|------|---------------|------|---------|---------|---|-----|---|
| Single Family Housing  | 98.0 | Dwelling Unit | 21.8 | 392,000 | 521,889 | — | 298 | — |
| Other Asphalt Surfaces | 278  | 1000sqft      | 6.39 | 0.00    | 0.00    | — | —   | — |

### 1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

## 2. Emissions Summary

### 2.1. Construction Emissions Compared Against Thresholds

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

| Un/Mit.             | 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.              | 5.68 | 3.96 | 76.5 | 41.3 | 0.34 | 2.04  | 15.1  | 17.1  | 1.95   | 4.62   | 6.56   | —    | 49,026 | 49,026 | 1.06 | 6.70 | 90.9 | 51,139 |
| Daily, Winter (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —      | —      | —    | —    | —    | —      |
| Unmit.              | 45.0 | 44.6 | 78.6 | 41.1 | 0.34 | 2.04  | 15.1  | 17.1  | 1.95   | 4.62   | 6.56   | —    | 49,026 | 49,026 | 1.06 | 6.70 | 2.36 | 51,050 |
| Average Daily (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —      | —      | —    | —    | —    | —      |
| Unmit.              | 7.42 | 7.22 | 21.1 | 16.4 | 0.08 | 0.65  | 3.37  | 4.02  | 0.61   | 1.10   | 1.71   | —    | 10,563 | 10,563 | 0.26 | 1.24 | 7.54 | 10,946 |
| Annual (Max)        | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —      | —      | —    | —    | —    | —      |
| Unmit.              | 1.35 | 1.32 | 3.86 | 2.99 | 0.01 | 0.12  | 0.61  | 0.73  | 0.11   | 0.20   | 0.31   | —    | 1,749  | 1,749  | 0.04 | 0.20 | 1.25 | 1,812  |
| Exceeds (Daily Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —      | —      | —    | —    | —    | —      |

|                               |   |      |     |     |     |   |   |     |   |   |      |   |   |   |   |   |   |   |
|-------------------------------|---|------|-----|-----|-----|---|---|-----|---|---|------|---|---|---|---|---|---|---|
| Threshold                     | — | 75.0 | 100 | 550 | 150 | — | — | 150 | — | — | 55.0 | — | — | — | — | — | — | — |
| Unmit.                        | — | No   | No  | No  | No  | — | — | No  | — | — | No   | — | — | — | — | — | — | — |
| Exceeds<br>(Average<br>Daily) | — | —    | —   | —   | —   | — | — | —   | — | — | —    | — | — | — | — | — | — | — |
| Threshold                     | — | 75.0 | 100 | 550 | 150 | — | — | 150 | — | — | 55.0 | — | — | — | — | — | — | — |
| Unmit.                        | — | No   | No  | No  | No  | — | — | No  | — | — | No   | — | — | — | — | — | — | — |

## 2.2. Construction Emissions by Year, Unmitigated

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

| Year                       | TOG  | ROG  | NOx  | CO   | SO2     | PM10E   | PM10D | PM10T | PM2.5E  | PM2.5D  | PM2.5T | BCO2 | NBCO2  | CO2T   | CH4     | N2O     | R    | CO2e   |
|----------------------------|------|------|------|------|---------|---------|-------|-------|---------|---------|--------|------|--------|--------|---------|---------|------|--------|
| Daily -<br>Summer<br>(Max) | —    | —    | —    | —    | —       | —       | —     | —     | —       | —       | —      | —    | —      | —      | —       | —       | —    | —      |
| 2025                       | 5.68 | 3.96 | 76.5 | 41.3 | 0.34    | 2.04    | 15.1  | 17.1  | 1.95    | 4.62    | 6.56   | —    | 49,026 | 49,026 | 1.06    | 6.70    | 90.9 | 51,139 |
| 2026                       | 2.65 | 2.26 | 17.5 | 26.6 | 0.04    | 0.70    | 0.75  | 1.45  | 0.65    | 0.18    | 0.83   | —    | 4,917  | 4,917  | 0.19    | 0.10    | 3.21 | 4,956  |
| Daily -<br>Winter<br>(Max) | —    | —    | —    | —    | —       | —       | —     | —     | —       | —       | —      | —    | —      | —      | —       | —       | —    | —      |
| 2025                       | 5.61 | 3.91 | 78.6 | 41.1 | 0.34    | 2.04    | 15.1  | 17.1  | 1.95    | 4.62    | 6.56   | —    | 49,026 | 49,026 | 1.06    | 6.70    | 2.36 | 51,050 |
| 2026                       | 45.0 | 44.6 | 18.4 | 27.3 | 0.04    | 0.73    | 0.84  | 1.57  | 0.67    | 0.20    | 0.87   | —    | 5,084  | 5,084  | 0.18    | 0.11    | 0.09 | 5,121  |
| 2027                       | 44.9 | 44.5 | 17.7 | 27.0 | 0.04    | 0.66    | 0.84  | 1.50  | 0.61    | 0.20    | 0.81   | —    | 5,065  | 5,065  | 0.18    | 0.11    | 0.08 | 5,102  |
| Average<br>Daily           | —    | —    | —    | —    | —       | —       | —     | —     | —       | —       | —      | —    | —      | —      | —       | —       | —    | —      |
| 2025                       | 1.96 | 1.50 | 21.1 | 16.4 | 0.08    | 0.65    | 3.37  | 4.02  | 0.61    | 1.10    | 1.71   | —    | 10,563 | 10,563 | 0.26    | 1.24    | 7.54 | 10,946 |
| 2026                       | 7.42 | 7.22 | 9.07 | 13.3 | 0.02    | 0.35    | 0.44  | 0.79  | 0.32    | 0.11    | 0.42   | —    | 2,657  | 2,657  | 0.09    | 0.07    | 0.86 | 2,680  |
| 2027                       | 0.68 | 0.68 | 0.12 | 0.19 | < 0.005 | < 0.005 | 0.01  | 0.01  | < 0.005 | < 0.005 | 0.01   | —    | 37.6   | 37.6   | < 0.005 | < 0.005 | 0.01 | 38.0   |
| Annual                     | —    | —    | —    | —    | —       | —       | —     | —     | —       | —       | —      | —    | —      | —      | —       | —       | —    | —      |

|      |      |      |      |      |         |         |         |         |         |         |         |   |       |       |         |         |         |       |
|------|------|------|------|------|---------|---------|---------|---------|---------|---------|---------|---|-------|-------|---------|---------|---------|-------|
| 2025 | 0.36 | 0.27 | 3.86 | 2.99 | 0.01    | 0.12    | 0.61    | 0.73    | 0.11    | 0.20    | 0.31    | — | 1,749 | 1,749 | 0.04    | 0.20    | 1.25    | 1,812 |
| 2026 | 1.35 | 1.32 | 1.66 | 2.43 | < 0.005 | 0.06    | 0.08    | 0.14    | 0.06    | 0.02    | 0.08    | — | 440   | 440   | 0.02    | 0.01    | 0.14    | 444   |
| 2027 | 0.12 | 0.12 | 0.02 | 0.03 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 6.23  | 6.23  | < 0.005 | < 0.005 | < 0.005 | 6.29  |

## 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.                  | 14.2 | 13.6 | 6.14 | 43.0 | 0.11 | 0.25  | 8.50  | 8.76  | 0.25   | 2.16   | 2.41   | 53.2 | 14,106 | 14,159 | 5.91 | 0.45 | 33.9 | 14,474 |
| Daily, Winter (Max)     | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —      | —      | —    | —    | —    | —      |
| Unmit.                  | 13.4 | 12.9 | 6.37 | 31.4 | 0.10 | 0.25  | 8.50  | 8.76  | 0.25   | 2.16   | 2.41   | 53.2 | 13,498 | 13,552 | 5.92 | 0.46 | 3.61 | 13,841 |
| Average Daily (Max)     | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —      | —      | —    | —    | —    | —      |
| Unmit.                  | 13.5 | 13.0 | 5.10 | 35.1 | 0.09 | 0.15  | 8.24  | 8.39  | 0.14   | 2.09   | 2.23   | 53.2 | 11,754 | 11,807 | 5.88 | 0.45 | 15.9 | 12,105 |
| Annual (Max)            | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —      | —      | —    | —    | —    | —      |
| Unmit.                  | 2.46 | 2.38 | 0.93 | 6.40 | 0.02 | 0.03  | 1.50  | 1.53  | 0.03   | 0.38   | 0.41   | 8.80 | 1,946  | 1,955  | 0.97 | 0.07 | 2.64 | 2,004  |
| Exceeds (Daily Max)     | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —      | —      | —    | —    | —    | —      |
| Threshold               | —    | 55.0 | 55.0 | 550  | 150  | —     | —     | 150   | —      | —      | 55.0   | —    | —      | —      | —    | —    | —    | —      |
| Unmit.                  | —    | No   | No   | No   | No   | —     | —     | No    | —      | —      | No     | —    | —      | —      | —    | —    | —    | Yes    |
| Exceeds (Average Daily) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —      | —      | —    | —    | —    | —      |

|                  |   |      |      |     |     |   |   |     |   |   |      |   |   |   |   |   |   |       |
|------------------|---|------|------|-----|-----|---|---|-----|---|---|------|---|---|---|---|---|---|-------|
| Threshold        | — | 55.0 | 55.0 | 550 | 150 | — | — | 150 | — | — | 55.0 | — | — | — | — | — | — | —     |
| Unmit.           | — | No   | No   | No  | No  | — | — | No  | — | — | No   | — | — | — | — | — | — | Yes   |
| Exceeds (Annual) | — | —    | —    | —   | —   | — | — | —   | — | — | —    | — | — | — | — | — | — | —     |
| Threshold        | — | —    | —    | —   | —   | — | — | —   | — | — | —    | — | — | — | — | — | — | 3,000 |
| Unmit.           | — | —    | —    | —   | —   | — | — | —   | — | — | —    | — | — | — | — | — | — | No    |

## 2.5. Operations Emissions by Sector, Unmitigated

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

| Sector              | 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              | 4.28 | 3.90 | 3.83 | 36.5 | 0.10 | 0.07  | 8.50  | 8.57  | 0.06   | 2.16   | 2.22   | —    | 9,769  | 9,769  | 0.35 | 0.41    | 31.1 | 9,932  |
| Area                | 9.78 | 9.67 | 1.43 | 6.15 | 0.01 | 0.11  | —     | 0.11  | 0.11   | —      | 0.11   | 0.00 | 1,769  | 1,769  | 0.03 | < 0.005 | —    | 1,771  |
| Energy              | 0.10 | 0.05 | 0.88 | 0.37 | 0.01 | 0.07  | —     | 0.07  | 0.07   | —      | 0.07   | —    | 2,451  | 2,451  | 0.18 | 0.01    | —    | 2,459  |
| Water               | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | 7.64 | 118    | 125    | 0.79 | 0.02    | —    | 151    |
| Waste               | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | 45.5 | 0.00   | 45.5   | 4.55 | 0.00    | —    | 159    |
| Refrig.             | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —      | —      | —    | —       | 2.81 | 2.81   |
| Total               | 14.2 | 13.6 | 6.14 | 43.0 | 0.11 | 0.25  | 8.50  | 8.76  | 0.25   | 2.16   | 2.41   | 53.2 | 14,106 | 14,159 | 5.91 | 0.45    | 33.9 | 14,474 |
| Daily, Winter (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —      | —      | —    | —       | —    | —      |
| Mobile              | 4.04 | 3.66 | 4.11 | 30.4 | 0.09 | 0.07  | 8.50  | 8.57  | 0.06   | 2.16   | 2.22   | —    | 9,176  | 9,176  | 0.37 | 0.43    | 0.81 | 9,313  |
| Area                | 9.27 | 9.18 | 1.38 | 0.59 | 0.01 | 0.11  | —     | 0.11  | 0.11   | —      | 0.11   | 0.00 | 1,754  | 1,754  | 0.03 | < 0.005 | —    | 1,756  |
| Energy              | 0.10 | 0.05 | 0.88 | 0.37 | 0.01 | 0.07  | —     | 0.07  | 0.07   | —      | 0.07   | —    | 2,451  | 2,451  | 0.18 | 0.01    | —    | 2,459  |
| Water               | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | 7.64 | 118    | 125    | 0.79 | 0.02    | —    | 151    |
| Waste               | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | 45.5 | 0.00   | 45.5   | 4.55 | 0.00    | —    | 159    |

|               |      |      |      |      |         |         |      |         |         |      |         |      |        |        |         |         |      |        |
|---------------|------|------|------|------|---------|---------|------|---------|---------|------|---------|------|--------|--------|---------|---------|------|--------|
| Refrig.       | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | —    | —      | —      | —       | —       | 2.81 | 2.81   |
| Total         | 13.4 | 12.9 | 6.37 | 31.4 | 0.10    | 0.25    | 8.50 | 8.76    | 0.25    | 2.16 | 2.41    | 53.2 | 13,498 | 13,552 | 5.92    | 0.46    | 3.61 | 13,841 |
| Average Daily | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | —    | —      | —      | —       | —       | —    | —      |
| Mobile        | 3.92 | 3.55 | 4.09 | 30.8 | 0.09    | 0.07    | 8.24 | 8.31    | 0.06    | 2.09 | 2.15    | —    | 9,055  | 9,055  | 0.36    | 0.42    | 13.1 | 9,202  |
| Area          | 9.47 | 9.44 | 0.13 | 3.85 | < 0.005 | 0.01    | —    | 0.01    | 0.01    | —    | 0.01    | 0.00 | 130    | 130    | < 0.005 | < 0.005 | —    | 130    |
| Energy        | 0.10 | 0.05 | 0.88 | 0.37 | 0.01    | 0.07    | —    | 0.07    | 0.07    | —    | 0.07    | —    | 2,451  | 2,451  | 0.18    | 0.01    | —    | 2,459  |
| Water         | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | 7.64 | 118    | 125    | 0.79    | 0.02    | —    | 151    |
| Waste         | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | 45.5 | 0.00   | 45.5   | 4.55    | 0.00    | —    | 159    |
| Refrig.       | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | —    | —      | —      | —       | —       | 2.81 | 2.81   |
| Total         | 13.5 | 13.0 | 5.10 | 35.1 | 0.09    | 0.15    | 8.24 | 8.39    | 0.14    | 2.09 | 2.23    | 53.2 | 11,754 | 11,807 | 5.88    | 0.45    | 15.9 | 12,105 |
| Annual        | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | —    | —      | —      | —       | —       | —    | —      |
| Mobile        | 0.72 | 0.65 | 0.75 | 5.63 | 0.02    | 0.01    | 1.50 | 1.52    | 0.01    | 0.38 | 0.39    | —    | 1,499  | 1,499  | 0.06    | 0.07    | 2.17 | 1,524  |
| Area          | 1.73 | 1.72 | 0.02 | 0.70 | < 0.005 | < 0.005 | —    | < 0.005 | < 0.005 | —    | < 0.005 | 0.00 | 21.6   | 21.6   | < 0.005 | < 0.005 | —    | 21.6   |
| Energy        | 0.02 | 0.01 | 0.16 | 0.07 | < 0.005 | 0.01    | —    | 0.01    | 0.01    | —    | 0.01    | —    | 406    | 406    | 0.03    | < 0.005 | —    | 407    |
| Water         | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | 1.26 | 19.5   | 20.8   | 0.13    | < 0.005 | —    | 25.0   |
| Waste         | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | 7.54 | 0.00   | 7.54   | 0.75    | 0.00    | —    | 26.4   |
| Refrig.       | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | —    | —      | —      | —       | —       | 0.46 | 0.46   |
| Total         | 2.46 | 2.38 | 0.93 | 6.40 | 0.02    | 0.03    | 1.50 | 1.53    | 0.03    | 0.38 | 0.41    | 8.80 | 1,946  | 1,955  | 0.97    | 0.07    | 2.64 | 2,004  |

### 3. Construction Emissions Details

#### 3.1. Site Preparation (2025) - Unmitigated

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

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

|                             |      |      |      |      |         |      |      |      |      |      |      |   |       |       |         |         |      |       |
|-----------------------------|------|------|------|------|---------|------|------|------|------|------|------|---|-------|-------|---------|---------|------|-------|
| Daily, Summer (Max)         | —    | —    | —    | —    | —       | —    | —    | —    | —    | —    | —    | — | —     | —     | —       | —       | —    | —     |
| Daily, Winter (Max)         | —    | —    | —    | —    | —       | —    | —    | —    | —    | —    | —    | — | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment          | 3.94 | 3.31 | 31.6 | 30.2 | 0.05    | 1.37 | —    | 1.37 | 1.26 | —    | 1.26 | — | 5,295 | 5,295 | 0.21    | 0.04    | —    | 5,314 |
| Dust From Material Movement | —    | —    | —    | —    | —       | —    | 7.67 | 7.67 | —    | 3.94 | 3.94 | — | —     | —     | —       | —       | —    | —     |
| Onsite truck                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 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 | 1.73 | 1.65 | < 0.005 | 0.07 | —    | 0.07 | 0.07 | —    | 0.07 | — | 290   | 290   | 0.01    | < 0.005 | —    | 291   |
| Dust From Material Movement | —    | —    | —    | —    | —       | —    | 0.42 | 0.42 | —    | 0.22 | 0.22 | — | —     | —     | —       | —       | —    | —     |
| Onsite truck                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Annual                      | —    | —    | —    | —    | —       | —    | —    | —    | —    | —    | —    | — | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment          | 0.04 | 0.03 | 0.32 | 0.30 | < 0.005 | 0.01 | —    | 0.01 | 0.01 | —    | 0.01 | — | 48.0  | 48.0  | < 0.005 | < 0.005 | —    | 48.2  |
| Dust From Material Movement | —    | —    | —    | —    | —       | —    | 0.08 | 0.08 | —    | 0.04 | 0.04 | — | —     | —     | —       | —       | —    | —     |
| Onsite truck                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Offsite                     | —    | —    | —    | —    | —       | —    | —    | —    | —    | —    | —    | — | —     | —     | —       | —       | —    | —     |

|                     |         |         |         |      |      |      |         |         |      |         |         |   |      |      |         |         |         |      |
|---------------------|---------|---------|---------|------|------|------|---------|---------|------|---------|---------|---|------|------|---------|---------|---------|------|
| Daily, Summer (Max) | —       | —       | —       | —    | —    | —    | —       | —       | —    | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Daily, Winter (Max) | —       | —       | —       | —    | —    | —    | —       | —       | —    | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Worker              | 0.08    | 0.07    | 0.08    | 1.02 | 0.00 | 0.00 | 0.23    | 0.23    | 0.00 | 0.05    | 0.05    | — | 227  | 227  | 0.01    | 0.01    | 0.02    | 230  |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Average Daily       | —       | —       | —       | —    | —    | —    | —       | —       | —    | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Worker              | < 0.005 | < 0.005 | 0.01    | 0.06 | 0.00 | 0.00 | 0.01    | 0.01    | 0.00 | < 0.005 | < 0.005 | — | 12.6 | 12.6 | < 0.005 | < 0.005 | 0.02    | 12.8 |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Annual              | —       | —       | —       | —    | —    | —    | —       | —       | —    | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.01 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 2.08 | 2.08 | < 0.005 | < 0.005 | < 0.005 | 2.11 |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |

3.3. Grading (2025) - Unmitigated

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

| Location            | TOG  | ROG  | NOx  | CO   | SO2  | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4  | N2O  | R | CO2e  |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|---|-------|
| Onsite              | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | — | —     |
| Daily, Summer (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | — | —     |
| Off-Road Equipment  | 3.80 | 3.20 | 29.7 | 28.3 | 0.06 | 1.23  | —     | 1.23  | 1.14   | —      | 1.14   | —    | 6,599 | 6,599 | 0.27 | 0.05 | — | 6,622 |

|                              |      |      |      |      |         |      |      |      |      |      |      |   |       |       |      |         |      |       |
|------------------------------|------|------|------|------|---------|------|------|------|------|------|------|---|-------|-------|------|---------|------|-------|
| Dust From Material Movement: | —    | —    | —    | —    | —       | —    | 3.77 | 3.77 | —    | 1.45 | 1.45 | — | —     | —     | —    | —       | —    | —     |
| Onsite truck                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00  | 0.00  | 0.00 | 0.00    | 0.00 | 0.00  |
| Daily, Winter (Max)          | —    | —    | —    | —    | —       | —    | —    | —    | —    | —    | —    | — | —     | —     | —    | —       | —    | —     |
| Off-Road Equipment           | 3.80 | 3.20 | 29.7 | 28.3 | 0.06    | 1.23 | —    | 1.23 | 1.14 | —    | 1.14 | — | 6,599 | 6,599 | 0.27 | 0.05    | —    | 6,622 |
| Dust From Material Movement: | —    | —    | —    | —    | —       | —    | 3.77 | 3.77 | —    | 1.45 | 1.45 | — | —     | —     | —    | —       | —    | —     |
| Onsite truck                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 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           | 0.68 | 0.57 | 5.29 | 5.04 | 0.01    | 0.22 | —    | 0.22 | 0.20 | —    | 0.20 | — | 1,175 | 1,175 | 0.05 | 0.01    | —    | 1,179 |
| Dust From Material Movement: | —    | —    | —    | —    | —       | —    | 0.67 | 0.67 | —    | 0.26 | 0.26 | — | —     | —     | —    | —       | —    | —     |
| Onsite truck                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00  | 0.00  | 0.00 | 0.00    | 0.00 | 0.00  |
| Annual                       | —    | —    | —    | —    | —       | —    | —    | —    | —    | —    | —    | — | —     | —     | —    | —       | —    | —     |
| Off-Road Equipment           | 0.12 | 0.10 | 0.96 | 0.92 | < 0.005 | 0.04 | —    | 0.04 | 0.04 | —    | 0.04 | — | 195   | 195   | 0.01 | < 0.005 | —    | 195   |
| Dust From Material Movement: | —    | —    | —    | —    | —       | —    | 0.12 | 0.12 | —    | 0.05 | 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  |

|                     |         |         |         |      |      |      |      |      |      |         |         |   |        |        |         |         |      |        |
|---------------------|---------|---------|---------|------|------|------|------|------|------|---------|---------|---|--------|--------|---------|---------|------|--------|
| Offsite             | —       | —       | —       | —    | —    | —    | —    | —    | —    | —       | —       | — | —      | —      | —       | —       | —    | —      |
| Daily, Summer (Max) | —       | —       | —       | —    | —    | —    | —    | —    | —    | —       | —       | — | —      | —      | —       | —       | —    | —      |
| Worker              | 0.11    | 0.09    | 0.09    | 1.54 | 0.00 | 0.00 | 0.26 | 0.26 | 0.00 | 0.06    | 0.06    | — | 282    | 282    | 0.01    | 0.01    | 1.04 | 286    |
| 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             | 1.77    | 0.67    | 46.7    | 11.4 | 0.28 | 0.81 | 11.1 | 11.9 | 0.81 | 3.10    | 3.91    | — | 42,145 | 42,145 | 0.78    | 6.63    | 89.8 | 44,231 |
| Daily, Winter (Max) | —       | —       | —       | —    | —    | —    | —    | —    | —    | —       | —       | — | —      | —      | —       | —       | —    | —      |
| Worker              | 0.09    | 0.08    | 0.10    | 1.17 | 0.00 | 0.00 | 0.26 | 0.26 | 0.00 | 0.06    | 0.06    | — | 259    | 259    | 0.01    | 0.01    | 0.03 | 262    |
| 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             | 1.71    | 0.63    | 48.8    | 11.6 | 0.28 | 0.81 | 11.1 | 11.9 | 0.81 | 3.10    | 3.91    | — | 42,168 | 42,168 | 0.78    | 6.63    | 2.33 | 44,166 |
| Average Daily       | —       | —       | —       | —    | —    | —    | —    | —    | —    | —       | —       | — | —      | —      | —       | —       | —    | —      |
| Worker              | 0.02    | 0.01    | 0.02    | 0.22 | 0.00 | 0.00 | 0.05 | 0.05 | 0.00 | 0.01    | 0.01    | — | 46.7   | 46.7   | < 0.005 | < 0.005 | 0.08 | 47.4   |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | — | 0.00   | 0.00   | 0.00    | 0.00    | 0.00 | 0.00   |
| Hauling             | 0.31    | 0.12    | 8.79    | 2.05 | 0.05 | 0.14 | 1.96 | 2.10 | 0.14 | 0.55    | 0.69    | — | 7,507  | 7,507  | 0.14    | 1.18    | 6.87 | 7,869  |
| Annual              | —       | —       | —       | —    | —    | —    | —    | —    | —    | —       | —       | — | —      | —      | —       | —       | —    | —      |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.04 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 7.74   | 7.74   | < 0.005 | < 0.005 | 0.01 | 7.85   |
| 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             | 0.06    | 0.02    | 1.60    | 0.37 | 0.01 | 0.03 | 0.36 | 0.38 | 0.03 | 0.10    | 0.13    | — | 1,243  | 1,243  | 0.02    | 0.20    | 1.14 | 1,303  |

3.5. 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  | 1.35 | 1.13 | 10.4 | 13.0 | 0.02    | 0.43    | —    | 0.43 | 0.40    | —    | 0.40 | — | 2,398 | 2,398 | 0.10 | 0.02    | —    | 2,406 |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 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  | 1.35 | 1.13 | 10.4 | 13.0 | 0.02    | 0.43    | —    | 0.43 | 0.40    | —    | 0.40 | — | 2,398 | 2,398 | 0.10 | 0.02    | —    | 2,406 |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 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  | 0.65 | 0.54 | 5.03 | 6.28 | 0.01    | 0.21    | —    | 0.21 | 0.19    | —    | 0.19 | — | 1,154 | 1,154 | 0.05 | 0.01    | —    | 1,158 |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 | — | 0.00  | 0.00  | 0.00 | 0.00    | 0.00 | 0.00  |
| Annual              | —    | —    | —    | —    | —       | —       | —    | —    | —       | —    | —    | — | —     | —     | —    | —       | —    | —     |
| Off-Road Equipment  | 0.12 | 0.10 | 0.92 | 1.15 | < 0.005 | 0.04    | —    | 0.04 | 0.03    | —    | 0.03 | — | 191   | 191   | 0.01 | < 0.005 | —    | 192   |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 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              | 0.19 | 0.16 | 0.15 | 2.72 | 0.00    | 0.00    | 0.46 | 0.46 | 0.00    | 0.11 | 0.11 | — | 497   | 497   | 0.02 | 0.02    | 1.83 | 505   |
| Vendor              | 0.01 | 0.01 | 0.35 | 0.11 | < 0.005 | < 0.005 | 0.09 | 0.09 | < 0.005 | 0.02 | 0.03 | — | 321   | 321   | 0.01 | 0.05    | 0.91 | 336   |
| 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              | 0.17 | 0.15 | 0.17 | 2.06 | 0.00    | 0.00    | 0.46 | 0.46 | 0.00    | 0.11 | 0.11 | — | 457   | 457   | 0.02 | 0.02    | 0.05 | 463   |

|               |         |         |      |      |         |         |      |      |         |         |         |   |      |      |         |         |      |      |
|---------------|---------|---------|------|------|---------|---------|------|------|---------|---------|---------|---|------|------|---------|---------|------|------|
| Vendor        | 0.01    | 0.01    | 0.37 | 0.11 | < 0.005 | < 0.005 | 0.09 | 0.09 | < 0.005 | 0.02    | 0.03    | — | 321  | 321  | 0.01    | 0.05    | 0.02 | 335  |
| 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        | 0.08    | 0.07    | 0.09 | 1.05 | 0.00    | 0.00    | 0.22 | 0.22 | 0.00    | 0.05    | 0.05    | — | 223  | 223  | 0.01    | 0.01    | 0.38 | 226  |
| Vendor        | 0.01    | < 0.005 | 0.18 | 0.05 | < 0.005 | < 0.005 | 0.04 | 0.05 | < 0.005 | 0.01    | 0.01    | — | 154  | 154  | < 0.005 | 0.02    | 0.19 | 162  |
| 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    | 0.02 | 0.19 | 0.00    | 0.00    | 0.04 | 0.04 | 0.00    | 0.01    | 0.01    | — | 36.9 | 36.9 | < 0.005 | < 0.005 | 0.06 | 37.4 |
| Vendor        | < 0.005 | < 0.005 | 0.03 | 0.01 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 25.6 | 25.6 | < 0.005 | < 0.005 | 0.03 | 26.8 |
| 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 (2026) - Unmitigated

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

| Location            | TOG  | ROG  | NOx  | CO   | SO2  | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4  | N2O  | R    | CO2e  |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite              | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Daily, Summer (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Off-Road Equipment  | 1.28 | 1.07 | 9.85 | 13.0 | 0.02 | 0.38  | —     | 0.38  | 0.35   | —      | 0.35   | —    | 2,397 | 2,397 | 0.10 | 0.02 | —    | 2,405 |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 | 0.00  |
| Daily, Winter (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Off-Road Equipment  | 1.28 | 1.07 | 9.85 | 13.0 | 0.02 | 0.38  | —     | 0.38  | 0.35   | —      | 0.35   | —    | 2,397 | 2,397 | 0.10 | 0.02 | —    | 2,405 |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 | 0.00  |

|                     |      |         |      |      |         |         |      |      |         |      |      |   |       |       |         |         |      |       |
|---------------------|------|---------|------|------|---------|---------|------|------|---------|------|------|---|-------|-------|---------|---------|------|-------|
| Average Daily       | —    | —       | —    | —    | —       | —       | —    | —    | —       | —    | —    | — | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment  | 0.91 | 0.77    | 7.04 | 9.26 | 0.02    | 0.27    | —    | 0.27 | 0.25    | —    | 0.25 | — | 1,712 | 1,712 | 0.07    | 0.01    | —    | 1,718 |
| Onsite truck        | 0.00 | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Annual              | —    | —       | —    | —    | —       | —       | —    | —    | —       | —    | —    | — | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment  | 0.17 | 0.14    | 1.28 | 1.69 | < 0.005 | 0.05    | —    | 0.05 | 0.05    | —    | 0.05 | — | 283   | 283   | 0.01    | < 0.005 | —    | 284   |
| Onsite truck        | 0.00 | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Offsite             | —    | —       | —    | —    | —       | —       | —    | —    | —       | —    | —    | — | —     | —     | —       | —       | —    | —     |
| Daily, Summer (Max) | —    | —       | —    | —    | —       | —       | —    | —    | —       | —    | —    | — | —     | —     | —       | —       | —    | —     |
| Worker              | 0.17 | 0.15    | 0.14 | 2.53 | 0.00    | 0.00    | 0.46 | 0.46 | 0.00    | 0.11 | 0.11 | — | 487   | 487   | 0.02    | 0.02    | 1.65 | 494   |
| Vendor              | 0.01 | 0.01    | 0.34 | 0.10 | < 0.005 | < 0.005 | 0.09 | 0.09 | < 0.005 | 0.02 | 0.03 | — | 315   | 315   | 0.01    | 0.05    | 0.86 | 331   |
| 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              | 0.16 | 0.14    | 0.15 | 1.92 | 0.00    | 0.00    | 0.46 | 0.46 | 0.00    | 0.11 | 0.11 | — | 447   | 447   | 0.01    | 0.02    | 0.04 | 453   |
| Vendor              | 0.01 | 0.01    | 0.35 | 0.11 | < 0.005 | < 0.005 | 0.09 | 0.09 | < 0.005 | 0.02 | 0.03 | — | 316   | 316   | 0.01    | 0.05    | 0.02 | 330   |
| 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              | 0.11 | 0.10    | 0.12 | 1.44 | 0.00    | 0.00    | 0.33 | 0.33 | 0.00    | 0.08 | 0.08 | — | 324   | 324   | 0.01    | 0.01    | 0.51 | 328   |
| Vendor              | 0.01 | < 0.005 | 0.25 | 0.08 | < 0.005 | < 0.005 | 0.06 | 0.07 | < 0.005 | 0.02 | 0.02 | — | 225   | 225   | 0.01    | 0.03    | 0.26 | 236   |
| 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              | 0.02 | 0.02    | 0.02 | 0.26 | 0.00    | 0.00    | 0.06 | 0.06 | 0.00    | 0.01 | 0.01 | — | 53.6  | 53.6  | < 0.005 | < 0.005 | 0.08 | 54.3  |

|         |         |         |      |      |         |         |      |      |         |         |         |   |      |      |         |      |      |      |
|---------|---------|---------|------|------|---------|---------|------|------|---------|---------|---------|---|------|------|---------|------|------|------|
| Vendor  | < 0.005 | < 0.005 | 0.05 | 0.01 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 37.3 | 37.3 | < 0.005 | 0.01 | 0.04 | 39.1 |
| 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 |

### 3.9. Building Construction (2027) - Unmitigated

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

| Location            | 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  | 1.23    | 1.03    | 9.39 | 12.9 | 0.02    | 0.34    | —     | 0.34    | 0.31    | —      | 0.31    | —    | 2,397 | 2,397 | 0.10    | 0.02    | —    | 2,405 |
| Onsite truck        | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00  | 0.00    | 0.00    | 0.00   | 0.00    | —    | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Average Daily       | —       | —       | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment  | 0.01    | 0.01    | 0.09 | 0.13 | < 0.005 | < 0.005 | —     | < 0.005 | < 0.005 | —      | < 0.005 | —    | 23.5  | 23.5  | < 0.005 | < 0.005 | —    | 23.5  |
| 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  |
| Annual              | —       | —       | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment  | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | —     | < 0.005 | < 0.005 | —      | < 0.005 | —    | 3.88  | 3.88  | < 0.005 | < 0.005 | —    | 3.90  |
| Onsite truck        | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 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              | 0.15    | 0.13    | 0.14    | 1.77    | 0.00    | 0.00    | 0.46    | 0.46    | 0.00    | 0.11    | 0.11    | — | 439  | 439  | 0.01    | 0.02    | 0.04    | 444  |
| Vendor              | 0.01    | 0.01    | 0.34    | 0.10    | < 0.005 | < 0.005 | 0.09    | 0.09    | < 0.005 | 0.02    | 0.03    | — | 310  | 310  | 0.01    | 0.05    | 0.02    | 324  |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Average Daily       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.02    | 0.00    | 0.00    | < 0.005 | < 0.005 | 0.00    | < 0.005 | < 0.005 | — | 4.35 | 4.35 | < 0.005 | < 0.005 | 0.01    | 4.41 |
| Vendor              | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 3.03 | 3.03 | < 0.005 | < 0.005 | < 0.005 | 3.17 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Annual              | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Worker              | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.00    | 0.00    | < 0.005 | < 0.005 | 0.00    | < 0.005 | < 0.005 | — | 0.72 | 0.72 | < 0.005 | < 0.005 | < 0.005 | 0.73 |
| Vendor              | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.50 | 0.50 | < 0.005 | < 0.005 | < 0.005 | 0.52 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |

### 3.11. Paving (2026) - Unmitigated

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

| Location            | TOG  | ROG  | NOx  | CO   | SO2  | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4  | N2O  | R    | CO2e  |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite              | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Daily, Summer (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Off-Road Equipment  | 0.91 | 0.76 | 7.12 | 9.94 | 0.01 | 0.32  | —     | 0.32  | 0.29   | —      | 0.29   | —    | 1,511 | 1,511 | 0.06 | 0.01 | —    | 1,516 |
| Paving              | 0.21 | 0.21 | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 | 0.00  |

|                     |      |      |      |      |         |      |      |      |      |      |      |   |       |       |         |         |      |       |
|---------------------|------|------|------|------|---------|------|------|------|------|------|------|---|-------|-------|---------|---------|------|-------|
| Daily, Winter (Max) | —    | —    | —    | —    | —       | —    | —    | —    | —    | —    | —    | — | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment  | 0.91 | 0.76 | 7.12 | 9.94 | 0.01    | 0.32 | —    | 0.32 | 0.29 | —    | 0.29 | — | 1,511 | 1,511 | 0.06    | 0.01    | —    | 1,516 |
| Paving              | 0.21 | 0.21 | —    | —    | —       | —    | —    | —    | —    | —    | —    | — | —     | —     | —       | —       | —    | —     |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Average Daily       | —    | —    | —    | —    | —       | —    | —    | —    | —    | —    | —    | — | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment  | 0.19 | 0.16 | 1.52 | 2.12 | < 0.005 | 0.07 | —    | 0.07 | 0.06 | —    | 0.06 | — | 322   | 322   | 0.01    | < 0.005 | —    | 323   |
| Paving              | 0.04 | 0.04 | —    | —    | —       | —    | —    | —    | —    | —    | —    | — | —     | —     | —       | —       | —    | —     |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Annual              | —    | —    | —    | —    | —       | —    | —    | —    | —    | —    | —    | — | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment  | 0.04 | 0.03 | 0.28 | 0.39 | < 0.005 | 0.01 | —    | 0.01 | 0.01 | —    | 0.01 | — | 53.3  | 53.3  | < 0.005 | < 0.005 | —    | 53.5  |
| Paving              | 0.01 | 0.01 | —    | —    | —       | —    | —    | —    | —    | —    | —    | — | —     | —     | —       | —       | —    | —     |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Offsite             | —    | —    | —    | —    | —       | —    | —    | —    | —    | —    | —    | — | —     | —     | —       | —       | —    | —     |
| Daily, Summer (Max) | —    | —    | —    | —    | —       | —    | —    | —    | —    | —    | —    | — | —     | —     | —       | —       | —    | —     |
| Worker              | 0.07 | 0.06 | 0.06 | 1.08 | 0.00    | 0.00 | 0.20 | 0.20 | 0.00 | 0.05 | 0.05 | — | 207   | 207   | 0.01    | 0.01    | 0.70 | 210   |
| Vendor              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 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              | 0.07 | 0.06 | 0.07 | 0.82 | 0.00    | 0.00 | 0.20 | 0.20 | 0.00 | 0.05 | 0.05 | — | 190   | 190   | < 0.005 | 0.01    | 0.02 | 193   |

|               |         |         |         |      |      |      |      |      |      |         |         |   |      |      |         |         |      |      |
|---------------|---------|---------|---------|------|------|------|------|------|------|---------|---------|---|------|------|---------|---------|------|------|
| Vendor        | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Hauling       | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Average Daily | —       | —       | —       | —    | —    | —    | —    | —    | —    | —       | —       | — | —    | —    | —       | —       | —    | —    |
| Worker        | 0.01    | 0.01    | 0.02    | 0.18 | 0.00 | 0.00 | 0.04 | 0.04 | 0.00 | 0.01    | 0.01    | — | 41.1 | 41.1 | < 0.005 | < 0.005 | 0.06 | 41.6 |
| Vendor        | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Hauling       | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Annual        | —       | —       | —       | —    | —    | —    | —    | —    | —    | —       | —       | — | —    | —    | —       | —       | —    | —    |
| Worker        | < 0.005 | < 0.005 | < 0.005 | 0.03 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 6.80 | 6.80 | < 0.005 | < 0.005 | 0.01 | 6.89 |
| Vendor        | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Hauling       | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |

3.13. Paving (2027) - 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  | 0.88 | 0.74 | 6.94 | 9.95 | 0.01 | 0.30  | —     | 0.30  | 0.27   | —      | 0.27   | —    | 1,511 | 1,511 | 0.06 | 0.01 | —    | 1,516 |
| Paving              | 0.21 | 0.21 | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 | 0.00  |
| Average Daily       | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |

|                     |         |         |         |         |         |         |         |         |         |         |         |   |      |      |         |         |         |      |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Off-Road Equipment  | < 0.005 | < 0.005 | 0.01    | 0.02    | < 0.005 | < 0.005 | —       | < 0.005 | < 0.005 | —       | < 0.005 | — | 2.96 | 2.96 | < 0.005 | < 0.005 | —       | 2.97 |
| Paving              | < 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 | < 0.005 | < 0.005 | < 0.005 | —       | < 0.005 | < 0.005 | —       | < 0.005 | — | 0.49 | 0.49 | < 0.005 | < 0.005 | —       | 0.49 |
| Paving              | < 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              | 0.06    | 0.06    | 0.06    | 0.75    | 0.00    | 0.00    | 0.20    | 0.20    | 0.00    | 0.05    | 0.05    | — | 187  | 187  | < 0.005 | 0.01    | 0.02    | 189  |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Average Daily       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Worker              | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.00    | 0.00    | < 0.005 | < 0.005 | 0.00    | < 0.005 | < 0.005 | — | 0.37 | 0.37 | < 0.005 | < 0.005 | < 0.005 | 0.37 |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Annual              | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Worker              | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.00    | 0.00    | < 0.005 | < 0.005 | 0.00    | < 0.005 | < 0.005 | — | 0.06 | 0.06 | < 0.005 | < 0.005 | < 0.005 | 0.06 |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |

### 3.15. Architectural Coating (2026) - Unmitigated

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

| Location                | TOG     | ROG     | NOx  | CO   | SO2     | PM10E   | PM10D | PM10T   | PM2.5E  | PM2.5D | PM2.5T  | BCO2 | NBCO2 | CO2T | CH4     | N2O     | R    | CO2e |
|-------------------------|---------|---------|------|------|---------|---------|-------|---------|---------|--------|---------|------|-------|------|---------|---------|------|------|
| Onsite                  | —       | —       | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    | —    |
| Daily, Summer (Max)     | —       | —       | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    | —    |
| Daily, Winter (Max)     | —       | —       | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    | —    |
| Off-Road Equipment      | 0.15    | 0.12    | 0.86 | 1.13 | < 0.005 | 0.02    | —     | 0.02    | 0.02    | —      | 0.02    | —    | 134   | 134  | 0.01    | < 0.005 | —    | 134  |
| Architect ural Coatings | 42.2    | 42.2    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    | —    |
| 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      | 0.02    | 0.02    | 0.12 | 0.16 | < 0.005 | < 0.005 | —     | < 0.005 | < 0.005 | —      | < 0.005 | —    | 19.3  | 19.3 | < 0.005 | < 0.005 | —    | 19.4 |
| Architect ural Coatings | 6.11    | 6.11    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    | —    |
| Onsite truck            | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00  | 0.00    | 0.00    | 0.00   | 0.00    | —    | 0.00  | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Annual                  | —       | —       | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    | —    |
| Off-Road Equipment      | < 0.005 | < 0.005 | 0.02 | 0.03 | < 0.005 | < 0.005 | —     | < 0.005 | < 0.005 | —      | < 0.005 | —    | 3.20  | 3.20 | < 0.005 | < 0.005 | —    | 3.21 |
| Architect ural Coatings | 1.11    | 1.11    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    | —    |

|                     |         |         |         |      |      |      |         |         |      |         |         |   |      |      |         |         |         |      |
|---------------------|---------|---------|---------|------|------|------|---------|---------|------|---------|---------|---|------|------|---------|---------|---------|------|
| Onsite truck        | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Offsite             | —       | —       | —       | —    | —    | —    | —       | —       | —    | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Daily, Summer (Max) | —       | —       | —       | —    | —    | —    | —       | —       | —    | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Daily, Winter (Max) | —       | —       | —       | —    | —    | —    | —       | —       | —    | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Worker              | 0.03    | 0.03    | 0.03    | 0.38 | 0.00 | 0.00 | 0.09    | 0.09    | 0.00 | 0.02    | 0.02    | — | 89.5 | 89.5 | < 0.005 | < 0.005 | 0.01    | 90.6 |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Average Daily       | —       | —       | —       | —    | —    | —    | —       | —       | —    | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.06 | 0.00 | 0.00 | 0.01    | 0.01    | 0.00 | < 0.005 | < 0.005 | — | 13.1 | 13.1 | < 0.005 | < 0.005 | 0.02    | 13.3 |
| 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 |
| Annual              | —       | —       | —       | —    | —    | —    | —       | —       | —    | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.01 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 2.17 | 2.17 | < 0.005 | < 0.005 | < 0.005 | 2.20 |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |

3.17. Architectural Coating (2027) - Unmitigated

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

| Location            | 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      | 0.14    | 0.11    | 0.83    | 1.13    | < 0.005 | 0.02    | —    | 0.02    | 0.02    | —    | 0.02    | — | 134  | 134  | 0.01    | < 0.005 | —    | 134  |
| Architect ural Coatings | 42.2    | 42.2    | —       | —       | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| 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      | < 0.005 | < 0.005 | 0.01    | 0.02    | < 0.005 | < 0.005 | —    | < 0.005 | < 0.005 | —    | < 0.005 | — | 2.09 | 2.09 | < 0.005 | < 0.005 | —    | 2.10 |
| Architect ural Coatings | 0.66    | 0.66    | —       | —       | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Onsite truck            | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 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 | < 0.005 | < 0.005 | < 0.005 | —    | < 0.005 | < 0.005 | —    | < 0.005 | — | 0.35 | 0.35 | < 0.005 | < 0.005 | —    | 0.35 |
| Architect ural Coatings | 0.12    | 0.12    | —       | —       | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| 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)     | —       | —       | —       | —       | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Daily, Winter (Max)     | —       | —       | —       | —       | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Worker                  | 0.03    | 0.03    | 0.03    | 0.35    | 0.00    | 0.00    | 0.09 | 0.09    | 0.00    | 0.02 | 0.02    | — | 87.8 | 87.8 | < 0.005 | < 0.005 | 0.01 | 88.9 |

|               |         |         |         |         |      |      |         |         |      |         |         |   |      |      |         |         |         |      |
|---------------|---------|---------|---------|---------|------|------|---------|---------|------|---------|---------|---|------|------|---------|---------|---------|------|
| Vendor        | 0.00    | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Hauling       | 0.00    | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Average Daily | —       | —       | —       | —       | —    | —    | —       | —       | —    | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Worker        | < 0.005 | < 0.005 | < 0.005 | 0.01    | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 1.39 | 1.39 | < 0.005 | < 0.005 | < 0.005 | 1.41 |
| Vendor        | 0.00    | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Hauling       | 0.00    | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Annual        | —       | —       | —       | —       | —    | —    | —       | —       | —    | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Worker        | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 0.23 | 0.23 | < 0.005 | < 0.005 | < 0.005 | 0.23 |
| Vendor        | 0.00    | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Hauling       | 0.00    | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

| Land Use               | TOG  | ROG  | NOx  | CO   | SO2  | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4  | N2O  | R    | CO2e  |
|------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Daily, Summer (Max)    | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Single Family Housing  | 4.28 | 3.90 | 3.83 | 36.5 | 0.10 | 0.07  | 8.50  | 8.57  | 0.06   | 2.16   | 2.22   | —    | 9,769 | 9,769 | 0.35 | 0.41 | 31.1 | 9,932 |
| 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                  | 4.28 | 3.90 | 3.83 | 36.5 | 0.10 | 0.07  | 8.50  | 8.57  | 0.06   | 2.16   | 2.22   | —    | 9,769 | 9,769 | 0.35 | 0.41 | 31.1 | 9,932 |

|                        |      |      |      |      |      |      |      |      |      |      |      |   |       |       |      |      |      |       |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|---|-------|-------|------|------|------|-------|
| Daily, Winter (Max)    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | — | —     | —     | —    | —    | —    | —     |
| Single Family Housing  | 4.04 | 3.66 | 4.11 | 30.4 | 0.09 | 0.07 | 8.50 | 8.57 | 0.06 | 2.16 | 2.22 | — | 9,176 | 9,176 | 0.37 | 0.43 | 0.81 | 9,313 |
| 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                  | 4.04 | 3.66 | 4.11 | 30.4 | 0.09 | 0.07 | 8.50 | 8.57 | 0.06 | 2.16 | 2.22 | — | 9,176 | 9,176 | 0.37 | 0.43 | 0.81 | 9,313 |
| Annual                 | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | — | —     | —     | —    | —    | —    | —     |
| Single Family Housing  | 0.72 | 0.65 | 0.75 | 5.63 | 0.02 | 0.01 | 1.50 | 1.52 | 0.01 | 0.38 | 0.39 | — | 1,499 | 1,499 | 0.06 | 0.07 | 2.17 | 1,524 |
| 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                  | 0.72 | 0.65 | 0.75 | 5.63 | 0.02 | 0.01 | 1.50 | 1.52 | 0.01 | 0.38 | 0.39 | — | 1,499 | 1,499 | 0.06 | 0.07 | 2.17 | 1,524 |

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)    | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | — | —     |
| Single Family Housing  | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 1,334 | 1,334 | 0.08 | 0.01 | — | 1,339 |
| Other Asphalt Surfaces | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 0.00  | 0.00  | 0.00 | 0.00 | — | 0.00  |

|                        |   |   |   |   |   |   |   |   |   |   |   |   |       |       |      |         |   |       |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|-------|-------|------|---------|---|-------|
| Total                  | — | — | — | — | — | — | — | — | — | — | — | — | 1,334 | 1,334 | 0.08 | 0.01    | — | 1,339 |
| Daily, Winter (Max)    | — | — | — | — | — | — | — | — | — | — | — | — | —     | —     | —    | —       | — | —     |
| Single Family Housing  | — | — | — | — | — | — | — | — | — | — | — | — | 1,334 | 1,334 | 0.08 | 0.01    | — | 1,339 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00  | 0.00  | 0.00 | 0.00    | — | 0.00  |
| Total                  | — | — | — | — | — | — | — | — | — | — | — | — | 1,334 | 1,334 | 0.08 | 0.01    | — | 1,339 |
| Annual                 | — | — | — | — | — | — | — | — | — | — | — | — | —     | —     | —    | —       | — | —     |
| Single Family Housing  | — | — | — | — | — | — | — | — | — | — | — | — | 221   | 221   | 0.01 | < 0.005 | — | 222   |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00  | 0.00  | 0.00 | 0.00    | — | 0.00  |
| Total                  | — | — | — | — | — | — | — | — | — | — | — | — | 221   | 221   | 0.01 | < 0.005 | — | 222   |

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)    | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —       | — | —     |
| Single Family Housing  | 0.10 | 0.05 | 0.88 | 0.37 | 0.01 | 0.07  | —     | 0.07  | 0.07   | —      | 0.07   | —    | 1,117 | 1,117 | 0.10 | < 0.005 | — | 1,120 |
| 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                  | 0.10 | 0.05 | 0.88 | 0.37 | 0.01 | 0.07  | —     | 0.07  | 0.07   | —      | 0.07   | —    | 1,117 | 1,117 | 0.10 | < 0.005 | — | 1,120 |

|                        |      |      |      |      |         |      |   |      |      |   |      |   |       |       |      |         |   |       |
|------------------------|------|------|------|------|---------|------|---|------|------|---|------|---|-------|-------|------|---------|---|-------|
| Daily, Winter (Max)    | —    | —    | —    | —    | —       | —    | — | —    | —    | — | —    | — | —     | —     | —    | —       | — | —     |
| Single Family Housing  | 0.10 | 0.05 | 0.88 | 0.37 | 0.01    | 0.07 | — | 0.07 | 0.07 | — | 0.07 | — | 1,117 | 1,117 | 0.10 | < 0.005 | — | 1,120 |
| 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                  | 0.10 | 0.05 | 0.88 | 0.37 | 0.01    | 0.07 | — | 0.07 | 0.07 | — | 0.07 | — | 1,117 | 1,117 | 0.10 | < 0.005 | — | 1,120 |
| Annual                 | —    | —    | —    | —    | —       | —    | — | —    | —    | — | —    | — | —     | —     | —    | —       | — | —     |
| Single Family Housing  | 0.02 | 0.01 | 0.16 | 0.07 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 185   | 185   | 0.02 | < 0.005 | — | 185   |
| 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                  | 0.02 | 0.01 | 0.16 | 0.07 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 185   | 185   | 0.02 | < 0.005 | — | 185   |

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) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —       | — | —     |
| Hearths             | 0.16 | 0.08 | 1.38 | 0.59 | 0.01 | 0.11  | —     | 0.11  | 0.11   | —      | 0.11   | 0.00 | 1,754 | 1,754 | 0.03 | < 0.005 | — | 1,756 |
| Consumer Products   | 8.41 | 8.41 | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —       | — | —     |

|                         |         |         |      |      |         |         |   |         |         |   |         |      |       |       |         |         |   |       |
|-------------------------|---------|---------|------|------|---------|---------|---|---------|---------|---|---------|------|-------|-------|---------|---------|---|-------|
| Architect ural Coatings | 0.69    | 0.69    | —    | —    | —       | —       | — | —       | —       | — | —       | —    | —     | —     | —       | —       | — | —     |
| Landsca pe Equipme nt   | 0.52    | 0.49    | 0.05 | 5.56 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | —    | 14.9  | 14.9  | < 0.005 | < 0.005 | — | 14.9  |
| Total                   | 9.78    | 9.67    | 1.43 | 6.15 | 0.01    | 0.11    | — | 0.11    | 0.11    | — | 0.11    | 0.00 | 1,769 | 1,769 | 0.03    | < 0.005 | — | 1,771 |
| Daily, Winter (Max)     | —       | —       | —    | —    | —       | —       | — | —       | —       | — | —       | —    | —     | —     | —       | —       | — | —     |
| Hearths                 | 0.16    | 0.08    | 1.38 | 0.59 | 0.01    | 0.11    | — | 0.11    | 0.11    | — | 0.11    | 0.00 | 1,754 | 1,754 | 0.03    | < 0.005 | — | 1,756 |
| Consum er Products      | 8.41    | 8.41    | —    | —    | —       | —       | — | —       | —       | — | —       | —    | —     | —     | —       | —       | — | —     |
| Architect ural Coatings | 0.69    | 0.69    | —    | —    | —       | —       | — | —       | —       | — | —       | —    | —     | —     | —       | —       | — | —     |
| Total                   | 9.27    | 9.18    | 1.38 | 0.59 | 0.01    | 0.11    | — | 0.11    | 0.11    | — | 0.11    | 0.00 | 1,754 | 1,754 | 0.03    | < 0.005 | — | 1,756 |
| Annual                  | —       | —       | —    | —    | —       | —       | — | —       | —       | — | —       | —    | —     | —     | —       | —       | — | —     |
| Hearths                 | < 0.005 | < 0.005 | 0.02 | 0.01 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | 0.00 | 19.9  | 19.9  | < 0.005 | < 0.005 | — | 19.9  |
| Consum er Products      | 1.53    | 1.53    | —    | —    | —       | —       | — | —       | —       | — | —       | —    | —     | —     | —       | —       | — | —     |
| Architect ural Coatings | 0.13    | 0.13    | —    | —    | —       | —       | — | —       | —       | — | —       | —    | —     | —     | —       | —       | — | —     |
| Landsca pe Equipme nt   | 0.06    | 0.06    | 0.01 | 0.70 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | —    | 1.69  | 1.69  | < 0.005 | < 0.005 | — | 1.69  |
| Total                   | 1.73    | 1.72    | 0.02 | 0.70 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | 0.00 | 21.6  | 21.6  | < 0.005 | < 0.005 | — | 21.6  |

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)    | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | — | —    |
| Single Family Housing  | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 7.64 | 118   | 125  | 0.79 | 0.02    | — | 151  |
| Other Asphalt Surfaces | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00    | — | 0.00 |
| Total                  | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 7.64 | 118   | 125  | 0.79 | 0.02    | — | 151  |
| Daily, Winter (Max)    | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | — | —    |
| Single Family Housing  | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 7.64 | 118   | 125  | 0.79 | 0.02    | — | 151  |
| Other Asphalt Surfaces | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00    | — | 0.00 |
| Total                  | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 7.64 | 118   | 125  | 0.79 | 0.02    | — | 151  |
| Annual                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | — | —    |
| Single Family Housing  | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 1.26 | 19.5  | 20.8 | 0.13 | < 0.005 | — | 25.0 |
| Other Asphalt Surfaces | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00    | — | 0.00 |
| Total                  | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 1.26 | 19.5  | 20.8 | 0.13 | < 0.005 | — | 25.0 |

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)    | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | — | —    |
| Single Family Housing  | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 45.5 | 0.00  | 45.5 | 4.55 | 0.00 | — | 159  |
| Other Asphalt Surfaces | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total                  | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 45.5 | 0.00  | 45.5 | 4.55 | 0.00 | — | 159  |
| Daily, Winter (Max)    | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | — | —    |
| Single Family Housing  | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 45.5 | 0.00  | 45.5 | 4.55 | 0.00 | — | 159  |
| Other Asphalt Surfaces | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total                  | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 45.5 | 0.00  | 45.5 | 4.55 | 0.00 | — | 159  |
| Annual                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | — | —    |
| Single Family Housing  | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 7.54 | 0.00  | 7.54 | 0.75 | 0.00 | — | 26.4 |
| Other Asphalt Surfaces | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total                  | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 7.54 | 0.00  | 7.54 | 0.75 | 0.00 | — | 26.4 |

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)   | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | —    | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | 2.81 | 2.81 |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | 2.81 | 2.81 |
| Daily, Winter (Max)   | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | —    | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | 2.81 | 2.81 |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | 2.81 | 2.81 |
| Annual                | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | —    | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | 0.46 | 0.46 |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | 0.46 | 0.46 |

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

## 4.8. Stationary Emissions By Equipment Type

### 4.8.1. Unmitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

| Equipment Type      | 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            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Remove                    | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal                  | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| —                         | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily,<br>Winter<br>(Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided                   | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal                  | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequest<br>ered           | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal                  | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Remove<br>d               | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal                  | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| —                         | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual                    | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided                   | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal                  | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequest<br>ered           | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal                  | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Remove<br>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      | 1/1/2025   | 1/28/2025 | 5.00          | 20.0                | —                 |
| Grading               | Grading               | 1/29/2025  | 4/29/2025 | 5.00          | 65.0                | —                 |
| Building Construction | Building Construction | 4/30/2025  | 1/5/2027  | 5.00          | 440                 | —                 |
| Paving                | Paving                | 9/14/2026  | 1/1/2027  | 5.00          | 80.0                | —                 |
| Architectural Coating | Architectural Coating | 10/19/2026 | 1/8/2027  | 5.00          | 60.0                | —                 |

## 5.2. Off-Road Equipment

### 5.2.1. Unmitigated

| Phase Name            | Equipment Type            | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|-----------------------|---------------------------|-----------|-------------|----------------|---------------|------------|-------------|
| Site Preparation      | Rubber Tired Dozers       | Diesel    | Average     | 3.00           | 8.00          | 367        | 0.40        |
| Site Preparation      | Tractors/Loaders/Backhoes | Diesel    | Average     | 4.00           | 8.00          | 84.0       | 0.37        |
| Grading               | Graders                   | Diesel    | Average     | 1.00           | 8.00          | 148        | 0.41        |
| Grading               | Excavators                | Diesel    | Average     | 2.00           | 8.00          | 36.0       | 0.38        |
| Grading               | Tractors/Loaders/Backhoes | Diesel    | Average     | 2.00           | 8.00          | 84.0       | 0.37        |
| Grading               | Scrapers                  | Diesel    | Average     | 2.00           | 8.00          | 423        | 0.48        |
| Grading               | Rubber Tired Dozers       | Diesel    | Average     | 1.00           | 8.00          | 367        | 0.40        |
| Building Construction | Forklifts                 | Diesel    | Average     | 3.00           | 8.00          | 82.0       | 0.20        |
| Building Construction | Generator Sets            | Diesel    | Average     | 1.00           | 8.00          | 14.0       | 0.74        |
| Building Construction | Cranes                    | Diesel    | Average     | 1.00           | 7.00          | 367        | 0.29        |
| Building Construction | Welders                   | Diesel    | Average     | 1.00           | 8.00          | 46.0       | 0.45        |
| Building Construction | Tractors/Loaders/Backhoes | Diesel    | Average     | 3.00           | 7.00          | 84.0       | 0.37        |
| Paving                | Pavers                    | Diesel    | Average     | 2.00           | 8.00          | 81.0       | 0.42        |
| Paving                | Paving Equipment          | Diesel    | Average     | 2.00           | 8.00          | 89.0       | 0.36        |

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

### 5.3. Construction Vehicles

#### 5.3.1. Unmitigated

| Phase Name            | Trip Type    | One-Way Trips per Day | Miles per Trip | Vehicle Mix   |
|-----------------------|--------------|-----------------------|----------------|---------------|
| Site Preparation      | —            | —                     | —              | —             |
| Site Preparation      | Worker       | 17.5                  | 18.5           | LDA,LDT1,LDT2 |
| Site Preparation      | Vendor       | —                     | 10.2           | HHDT,MHDT     |
| Site Preparation      | Hauling      | 0.00                  | 20.0           | HHDT          |
| Site Preparation      | Onsite truck | —                     | —              | HHDT          |
| Grading               | —            | —                     | —              | —             |
| Grading               | Worker       | 20.0                  | 18.5           | LDA,LDT1,LDT2 |
| Grading               | Vendor       | —                     | 10.2           | HHDT,MHDT     |
| Grading               | Hauling      | 612                   | 20.0           | HHDT          |
| Grading               | Onsite truck | —                     | —              | HHDT          |
| Building Construction | —            | —                     | —              | —             |
| Building Construction | Worker       | 35.3                  | 18.5           | LDA,LDT1,LDT2 |
| Building Construction | Vendor       | 10.5                  | 10.2           | HHDT,MHDT     |
| Building Construction | Hauling      | 0.00                  | 20.0           | HHDT          |
| Building Construction | Onsite truck | —                     | —              | HHDT          |
| Paving                | —            | —                     | —              | —             |
| Paving                | Worker       | 15.0                  | 18.5           | LDA,LDT1,LDT2 |
| Paving                | Vendor       | —                     | 10.2           | HHDT,MHDT     |
| Paving                | Hauling      | 0.00                  | 20.0           | HHDT          |
| Paving                | Onsite truck | —                     | —              | HHDT          |

|                       |              |      |      |               |
|-----------------------|--------------|------|------|---------------|
| Architectural Coating | —            | —    | —    | —             |
| Architectural Coating | Worker       | 7.06 | 18.5 | LDA,LDT1,LDT2 |
| Architectural Coating | Vendor       | —    | 10.2 | HHDT,MHDT     |
| Architectural Coating | Hauling      | 0.00 | 20.0 | HHDT          |
| Architectural Coating | Onsite truck | —    | —    | HHDT          |

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

| Control Strategies Applied               | PM10 Reduction | PM2.5 Reduction |
|------------------------------------------|----------------|-----------------|
| Apply dust suppressants to unpaved roads | 84%            | 84%             |

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 | 793,800                                  | 264,600                                  | 0.00                                         | 0.00                                         | 16,701                      |

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 | —                      | —                      | 30.0                 | 0.00                          | —                   |
| Grading          | 318,014                | 246,560                | 135                  | 0.00                          | —                   |
| Paving           | 0.00                   | 0.00                   | 0.00                 | 0.00                          | 7.47                |

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 |
|------------------------|--------------------|-----------|
| Single Family Housing  | 1.08               | 0%        |
| Other Asphalt Surfaces | 6.39               | 100%      |

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

| Year | kWh per Year | CO2 | CH4  | N2O     |
|------|--------------|-----|------|---------|
| 2025 | 0.00         | 532 | 0.03 | < 0.005 |
| 2026 | 0.00         | 532 | 0.03 | < 0.005 |
| 2027 | 0.00         | 532 | 0.03 | < 0.005 |

5.9. Operational Mobile Sources

5.9.1. Unmitigated

| Land Use Type          | Trips/Weekday | Trips/Saturday | Trips/Sunday | Trips/Year | VMT/Weekday | VMT/Saturday | VMT/Sunday | VMT/Year  |
|------------------------|---------------|----------------|--------------|------------|-------------|--------------|------------|-----------|
| Single Family Housing  | 925           | 935            | 838          | 333,632    | 11,881      | 12,006       | 10,761     | 4,284,592 |
| 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

| Hearth Type               | Unmitigated (number) |
|---------------------------|----------------------|
| Single Family Housing     | —                    |
| Wood Fireplaces           | 5                    |
| Gas Fireplaces            | 83                   |
| Propane Fireplaces        | 0                    |
| Electric Fireplaces       | 0                    |
| No Fireplaces             | 10                   |
| Conventional Wood Stoves  | 0                    |
| Catalytic Wood Stoves     | 5                    |
| Non-Catalytic Wood Stoves | 5                    |
| Pellet Wood Stoves        | 0                    |

5.10.2. Architectural Coatings

| Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|------------------------------------------|------------------------------------------|----------------------------------------------|----------------------------------------------|-----------------------------|
| 793800                                   | 264,600                                  | 0.00                                         | 0.00                                         | 16,701                      |

5.10.3. Landscape Equipment

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

| Land Use               | Electricity (kWh/yr) | CO2 | CH4    | N2O    | Natural Gas (kBTU/yr) |
|------------------------|----------------------|-----|--------|--------|-----------------------|
| Single Family Housing  | 915,246              | 532 | 0.0330 | 0.0040 | 3,485,303             |
| Other Asphalt Surfaces | 0.00                 | 532 | 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) |
|------------------------|-------------------------|--------------------------|
| Single Family Housing  | 3,986,030               | 10,113,792               |
| Other Asphalt Surfaces | 0.00                    | 0.00                     |

5.13. Operational Waste Generation

5.13.1. Unmitigated

| Land Use               | Waste (ton/year) | Cogeneration (kWh/year) |
|------------------------|------------------|-------------------------|
| Single Family Housing  | 84.5             | —                       |
| 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 |
|-----------------------|---------------------------------------------------------|-------------|-------|---------------|----------------------|-------------------|----------------|
| Single Family Housing | Average room A/C & Other residential A/C and heat pumps | R-410A      | 2,088 | < 0.005       | 2.50                 | 2.50              | 10.0           |
| Single Family Housing | Household refrigerators and/or freezers                 | R-134a      | 1,430 | 0.12          | 0.60                 | 0.00              | 1.00           |

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

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

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. Biomass Cover Type

5.18.1.1. Unmitigated

| 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) |
|-----------|--------|------------------------------|------------------------------|
|-----------|--------|------------------------------|------------------------------|

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 | 28.9                        | annual days of extreme heat                |
| Extreme Precipitation        | 2.65                        | annual days with precipitation above 20 mm |
| Sea Level Rise               | —                           | meters of inundation depth                 |
| Wildfire                     | 27.9                        | annual hectares burned                     |

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

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

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

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

6.2. Initial Climate Risk Scores

| Climate Hazard | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|----------------|----------------|-------------------|-------------------------|---------------------|
|----------------|----------------|-------------------|-------------------------|---------------------|

|                              |     |     |     |     |
|------------------------------|-----|-----|-----|-----|
| Temperature and Extreme Heat | 3   | 0   | 0   | N/A |
| Extreme Precipitation        | N/A | N/A | N/A | N/A |
| Sea Level Rise               | 1   | 0   | 0   | N/A |
| Wildfire                     | 1   | 0   | 0   | N/A |
| Flooding                     | N/A | N/A | N/A | N/A |
| Drought                      | N/A | N/A | N/A | N/A |
| Snowpack Reduction           | N/A | N/A | N/A | N/A |
| Air Quality Degradation      | 0   | 0   | 0   | N/A |

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

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

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

6.3. Adjusted Climate Risk Scores

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

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

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

| Indicator                       | Result for Project Census Tract |
|---------------------------------|---------------------------------|
| Exposure Indicators             | —                               |
| AQ-Ozone                        | 84.6                            |
| AQ-PM                           | 38.8                            |
| AQ-DPM                          | 5.48                            |
| Drinking Water                  | 10.2                            |
| Lead Risk Housing               | 12.9                            |
| Pesticides                      | 86.4                            |
| Toxic Releases                  | 17.2                            |
| Traffic                         | 20.9                            |
| Effect Indicators               | —                               |
| CleanUp Sites                   | 0.00                            |
| Groundwater                     | 47.4                            |
| Haz Waste Facilities/Generators | 4.94                            |
| Impaired Water Bodies           | 58.7                            |
| Solid Waste                     | 0.00                            |
| Sensitive Population            | —                               |
| Asthma                          | 37.1                            |
| Cardio-vascular                 | 71.4                            |
| Low Birth Weights               | 54.8                            |
| Socioeconomic Factor Indicators | —                               |

|              |      |
|--------------|------|
| Education    | 49.8 |
| Housing      | 33.2 |
| Linguistic   | 11.3 |
| Poverty      | 22.2 |
| Unemployment | 48.3 |

## 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          | 69.48543565                     |
| Employed               | 22.67419479                     |
| Median HI              | 66.84203773                     |
| Education              | —                               |
| Bachelor's or higher   | 36.23764917                     |
| High school enrollment | 100                             |
| Preschool enrollment   | 4.311561658                     |
| Transportation         | —                               |
| Auto Access            | 98.98626973                     |
| Active commuting       | 32.61901707                     |
| Social                 | —                               |
| 2-parent households    | 85.07635057                     |
| Voting                 | 31.88759143                     |
| Neighborhood           | —                               |
| Alcohol availability   | 97.0101373                      |
| Park access            | 5.864237136                     |
| Retail density         | 1.180546644                     |

|                                              |             |
|----------------------------------------------|-------------|
| Supermarket access                           | 6.493006544 |
| Tree canopy                                  | 3.592968048 |
| Housing                                      | —           |
| Homeownership                                | 82.47144874 |
| Housing habitability                         | 88.42551007 |
| Low-inc homeowner severe housing cost burden | 83.22853843 |
| Low-inc renter severe housing cost burden    | 54.20248941 |
| Uncrowded housing                            | 96.93314513 |
| Health Outcomes                              | —           |
| Insured adults                               | 73.18105993 |
| Arthritis                                    | 93.3        |
| Asthma ER Admissions                         | 70.5        |
| High Blood Pressure                          | 94.9        |
| Cancer (excluding skin)                      | 77.2        |
| Asthma                                       | 49.0        |
| Coronary Heart Disease                       | 95.4        |
| Chronic Obstructive Pulmonary Disease        | 86.1        |
| Diagnosed Diabetes                           | 95.0        |
| Life Expectancy at Birth                     | 80.5        |
| Cognitively Disabled                         | 25.4        |
| Physically Disabled                          | 45.1        |
| Heart Attack ER Admissions                   | 10.0        |
| Mental Health Not Good                       | 51.7        |
| Chronic Kidney Disease                       | 93.4        |
| Obesity                                      | 49.6        |
| Pedestrian Injuries                          | 19.6        |
| Physical Health Not Good                     | 81.0        |

|                                       |      |
|---------------------------------------|------|
| Stroke                                | 93.8 |
| Health Risk Behaviors                 | —    |
| Binge Drinking                        | 2.0  |
| Current Smoker                        | 37.0 |
| No Leisure Time for Physical Activity | 68.2 |
| Climate Change Exposures              | —    |
| Wildfire Risk                         | 12.5 |
| SLR Inundation Area                   | 0.0  |
| Children                              | 0.3  |
| Elderly                               | 68.4 |
| English Speaking                      | 81.2 |
| Foreign-born                          | 18.1 |
| Outdoor Workers                       | 30.5 |
| Climate Change Adaptive Capacity      | —    |
| Impervious Surface Cover              | 83.8 |
| Traffic Density                       | 7.3  |
| Traffic Access                        | 23.0 |
| Other Indices                         | —    |
| Hardship                              | 34.8 |
| Other Decision Support                | —    |
| 2016 Voting                           | 57.0 |

### 7.3. Overall Health & Equity Scores

| Metric                                                                    | Result for Project Census Tract |
|---------------------------------------------------------------------------|---------------------------------|
| CalEnviroScreen 4.0 Score for Project Location (a)                        | 30.0                            |
| Healthy Places Index Score for Project Location (b)                       | 49.0                            |
| 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                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Land Use                            | 98 residential lots zoned R-1 proposed. Based on average lot size of 8,339, assumed that average house will be 4,000 SF based on max 50% lot coverage permitted in dev standards. Lettered lots and remaining land in numbered lots will be landscaped. Total population based on average household size of 3.04 in unincorporated Riverside County according to DoF Table E-5. 6.39 AC to be dedicated to public streets. |
| Construction: Construction Phases   | Site is currently undeveloped (croplands), no demolition required. Assumes three month grading period. Assumes that paving and architectural coating will occur in staggered, overlapping phases with building construction.                                                                                                                                                                                               |
| Construction: On-Road Fugitive Dust | Area roads are paved or will be paved by nearby developments prior to project construction.                                                                                                                                                                                                                                                                                                                                |
| Operations: Hearths                 | No wood burning appliances proposed.                                                                                                                                                                                                                                                                                                                                                                                       |