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## **APPENDIX A**

### **CALEEMOD OUTPUTS**

# Vista Cove Planned Development Project Custom Report

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# 1. Basic Project Information

## 1.1. Basic Project Information

| Data Field                  | Value                                  |
|-----------------------------|----------------------------------------|
| Project Name                | Vista Cove Planned Development Project |
| Construction Start Date     | 6/1/2026                               |
| Operational Year            | 2027                                   |
| Lead Agency                 | —                                      |
| Land Use Scale              | Project/site                           |
| Analysis Level for Defaults | County                                 |
| Windspeed (m/s)             | 3.60                                   |
| Precipitation (days)        | 34.8                                   |
| Location                    | 38.08284299702481, -122.20120688622941 |
| County                      | Solano-San Francisco                   |
| City                        | Vallejo                                |
| Air District                | Bay Area AQMD                          |
| Air Basin                   | San Francisco Bay Area                 |
| TAZ                         | 822                                    |
| EDFZ                        | 4                                      |
| Electric Utility            | Pacific Gas & Electric Company         |
| Gas Utility                 | Pacific Gas & Electric                 |
| App Version                 | 2022.1.1.29                            |

## 1.2. Land Use Types

| Land Use Subtype      | Size | Unit          | Lot Acreage | Building Area (sq ft) | Landscape Area (sq ft) | Special Landscape Area (sq ft) | Population | Description |
|-----------------------|------|---------------|-------------|-----------------------|------------------------|--------------------------------|------------|-------------|
| Single Family Housing | 51.0 | Dwelling Unit | 10.0        | 99,450                | 154,638                | —                              | 144        | —           |

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

| Sector       | #   | Measure Title             |
|--------------|-----|---------------------------|
| Construction | C-5 | Use Advanced Engine Tiers |

## 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  | CO2e  |
|---------------------|--------|--------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|-------|
| Daily, Summer (Max) | —      | —      | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Unmit.              | 93.4   | 93.4   | 39.9 | 29.0 | 0.05 | 1.12  | 7.81  | 8.93  | 1.02   | 3.97   | 4.99   | —    | 5,452 | 5,452 | 0.22 | 0.06 | 5,472 |
| Mit.                | 93.4   | 93.4   | 2.63 | 29.0 | 0.05 | 0.10  | 7.81  | 7.91  | 0.10   | 3.97   | 4.07   | —    | 5,452 | 5,452 | 0.22 | 0.06 | 5,472 |
| % Reduced           | < 0.5% | < 0.5% | 93%  | —    | —    | 91%   | —     | 11%   | 90%    | —      | 18%    | —    | —     | —     | —    | —    | —     |
| Daily, Winter (Max) | —      | —      | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Unmit.              | 0.70   | 0.69   | 19.1 | 15.0 | 0.02 | 0.69  | 0.19  | 0.88  | 0.64   | 0.05   | 0.69   | —    | 2,690 | 2,690 | 0.11 | 0.05 | 2,706 |
| Mit.                | 0.31   | 0.30   | 2.28 | 15.0 | 0.02 | 0.05  | 0.19  | 0.24  | 0.05   | 0.05   | 0.09   | —    | 2,690 | 2,690 | 0.11 | 0.05 | 2,706 |
| % Reduced           | 56%    | 57%    | 88%  | —    | —    | 93%   | —     | 73%   | 93%    | —      | 87%    | —    | —     | —     | —    | —    | —     |
| Average Daily (Max) | —      | —      | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Unmit.              | 4.01   | 4.00   | 8.59 | 6.69 | 0.01 | 0.30  | 0.38  | 0.68  | 0.28   | 0.17   | 0.44   | —    | 1,206 | 1,206 | 0.05 | 0.02 | 1,213 |
| Mit.                | 3.91   | 3.91   | 0.96 | 6.69 | 0.01 | 0.02  | 0.38  | 0.40  | 0.02   | 0.17   | 0.19   | —    | 1,206 | 1,206 | 0.05 | 0.02 | 1,213 |
| % Reduced           | 2%     | 2%     | 89%  | —    | —    | 93%   | —     | 41%   | 93%    | —      | 58%    | —    | —     | —     | —    | —    | —     |

|              |      |      |      |      |         |         |      |      |         |      |      |   |     |     |      |         |     |
|--------------|------|------|------|------|---------|---------|------|------|---------|------|------|---|-----|-----|------|---------|-----|
| Annual (Max) | —    | —    | —    | —    | —       | —       | —    | —    | —       | —    | —    | — | —   | —   | —    | —       | —   |
| Unmit.       | 0.73 | 0.73 | 1.57 | 1.22 | < 0.005 | 0.05    | 0.07 | 0.12 | 0.05    | 0.03 | 0.08 | — | 200 | 200 | 0.01 | < 0.005 | 201 |
| Mit.         | 0.71 | 0.71 | 0.18 | 1.22 | < 0.005 | < 0.005 | 0.07 | 0.07 | < 0.005 | 0.03 | 0.03 | — | 200 | 200 | 0.01 | < 0.005 | 201 |
| % Reduced    | 2%   | 2%   | 89%  | —    | —       | 93%     | —    | 41%  | 93%     | —    | 58%  | — | —   | —   | —    | —       | —   |

## 2.2. Construction Emissions by Year, Unmitigated

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

| Year                 | TOG  | ROG  | NOx  | CO   | SO2     | PM10E | PM10D | PM10T | PM2.5E | PM2.5D  | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4     | N2O     | CO2e  |
|----------------------|------|------|------|------|---------|-------|-------|-------|--------|---------|--------|------|-------|-------|---------|---------|-------|
| Daily - Summer (Max) | —    | —    | —    | —    | —       | —     | —     | —     | —      | —       | —      | —    | —     | —     | —       | —       | —     |
| 2026                 | 1.14 | 1.14 | 39.9 | 29.0 | 0.05    | 1.12  | 7.81  | 8.93  | 1.02   | 3.97    | 4.99   | —    | 5,452 | 5,452 | 0.22    | 0.06    | 5,472 |
| 2027                 | 93.4 | 93.4 | 19.1 | 15.0 | 0.02    | 0.69  | 0.19  | 0.88  | 0.64   | 0.05    | 0.69   | —    | 2,696 | 2,696 | 0.10    | 0.05    | 2,713 |
| Daily - Winter (Max) | —    | —    | —    | —    | —       | —     | —     | —     | —      | —       | —      | —    | —     | —     | —       | —       | —     |
| 2026                 | 0.70 | 0.69 | 19.1 | 15.0 | 0.02    | 0.69  | 0.19  | 0.88  | 0.64   | 0.05    | 0.69   | —    | 2,690 | 2,690 | 0.11    | 0.05    | 2,706 |
| 2027                 | 0.69 | 0.68 | 19.1 | 15.0 | 0.02    | 0.69  | 0.19  | 0.88  | 0.64   | 0.05    | 0.69   | —    | 2,684 | 2,684 | 0.11    | 0.05    | 2,700 |
| Average Daily        | —    | —    | —    | —    | —       | —     | —     | —     | —      | —       | —      | —    | —     | —     | —       | —       | —     |
| 2026                 | 0.30 | 0.30 | 8.59 | 6.69 | 0.01    | 0.30  | 0.38  | 0.68  | 0.28   | 0.17    | 0.44   | —    | 1,206 | 1,206 | 0.05    | 0.02    | 1,213 |
| 2027                 | 4.01 | 4.00 | 4.55 | 3.60 | 0.01    | 0.17  | 0.04  | 0.21  | 0.16   | 0.01    | 0.17   | —    | 631   | 631   | 0.02    | 0.01    | 635   |
| Annual               | —    | —    | —    | —    | —       | —     | —     | —     | —      | —       | —      | —    | —     | —     | —       | —       | —     |
| 2026                 | 0.06 | 0.05 | 1.57 | 1.22 | < 0.005 | 0.05  | 0.07  | 0.12  | 0.05   | 0.03    | 0.08   | —    | 200   | 200   | 0.01    | < 0.005 | 201   |
| 2027                 | 0.73 | 0.73 | 0.83 | 0.66 | < 0.005 | 0.03  | 0.01  | 0.04  | 0.03   | < 0.005 | 0.03   | —    | 104   | 104   | < 0.005 | < 0.005 | 105   |

## 2.3. Construction Emissions by Year, Mitigated

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

| Year                 | TOG  | ROG  | NOx  | CO   | SO2     | PM10E   | PM10D | PM10T | PM2.5E  | PM2.5D  | PM2.5T  | BCO2 | NBCO2 | CO2T  | CH4     | N2O     | CO2e  |
|----------------------|------|------|------|------|---------|---------|-------|-------|---------|---------|---------|------|-------|-------|---------|---------|-------|
| Daily - Summer (Max) | —    | —    | —    | —    | —       | —       | —     | —     | —       | —       | —       | —    | —     | —     | —       | —       | —     |
| 2026                 | 0.57 | 0.56 | 2.63 | 29.0 | 0.05    | 0.10    | 7.81  | 7.91  | 0.10    | 3.97    | 4.07    | —    | 5,452 | 5,452 | 0.22    | 0.06    | 5,472 |
| 2027                 | 93.4 | 93.4 | 2.24 | 15.0 | 0.02    | 0.05    | 0.19  | 0.24  | 0.05    | 0.05    | 0.09    | —    | 2,696 | 2,696 | 0.10    | 0.05    | 2,713 |
| Daily - Winter (Max) | —    | —    | —    | —    | —       | —       | —     | —     | —       | —       | —       | —    | —     | —     | —       | —       | —     |
| 2026                 | 0.31 | 0.30 | 2.28 | 15.0 | 0.02    | 0.05    | 0.19  | 0.24  | 0.05    | 0.05    | 0.09    | —    | 2,690 | 2,690 | 0.11    | 0.05    | 2,706 |
| 2027                 | 0.30 | 0.29 | 2.27 | 15.0 | 0.02    | 0.05    | 0.19  | 0.24  | 0.05    | 0.05    | 0.09    | —    | 2,684 | 2,684 | 0.11    | 0.05    | 2,700 |
| Average Daily        | —    | —    | —    | —    | —       | —       | —     | —     | —       | —       | —       | —    | —     | —     | —       | —       | —     |
| 2026                 | 0.14 | 0.13 | 0.96 | 6.69 | 0.01    | 0.02    | 0.38  | 0.40  | 0.02    | 0.17    | 0.19    | —    | 1,206 | 1,206 | 0.05    | 0.02    | 1,213 |
| 2027                 | 3.91 | 3.91 | 0.58 | 3.60 | 0.01    | 0.01    | 0.04  | 0.06  | 0.01    | 0.01    | 0.02    | —    | 631   | 631   | 0.02    | 0.01    | 635   |
| Annual               | —    | —    | —    | —    | —       | —       | —     | —     | —       | —       | —       | —    | —     | —     | —       | —       | —     |
| 2026                 | 0.02 | 0.02 | 0.18 | 1.22 | < 0.005 | < 0.005 | 0.07  | 0.07  | < 0.005 | 0.03    | 0.03    | —    | 200   | 200   | 0.01    | < 0.005 | 201   |
| 2027                 | 0.71 | 0.71 | 0.11 | 0.66 | < 0.005 | < 0.005 | 0.01  | 0.01  | < 0.005 | < 0.005 | < 0.005 | —    | 104   | 104   | < 0.005 | < 0.005 | 105   |

## 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  | CO2e  |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|-------|
| Daily, Summer (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Unmit.              | 5.17 | 4.94 | 2.66 | 19.5 | 0.05 | 0.09  | 3.66  | 3.75  | 0.09   | 0.93   | 1.02   | 22.1 | 5,233 | 5,255 | 2.48 | 0.19 | 5,390 |
| Daily, Winter (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Unmit.              | 4.81 | 4.59 | 2.93 | 16.0 | 0.04 | 0.09  | 3.66  | 3.75  | 0.09   | 0.93   | 1.02   | 22.1 | 4,979 | 5,001 | 2.50 | 0.21 | 5,128 |

|                     |      |      |      |      |      |      |      |      |      |      |      |      |       |       |      |      |       |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|------|-------|
| Average Daily (Max) | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —     | —     | —    | —    | —     |
| Unmit.              | 4.90 | 4.68 | 2.64 | 16.6 | 0.04 | 0.08 | 3.58 | 3.66 | 0.08 | 0.91 | 0.98 | 22.1 | 4,808 | 4,831 | 2.49 | 0.20 | 4,960 |
| Annual (Max)        | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —     | —     | —    | —    | —     |
| Unmit.              | 0.89 | 0.85 | 0.48 | 3.03 | 0.01 | 0.01 | 0.65 | 0.67 | 0.01 | 0.17 | 0.18 | 3.67 | 796   | 800   | 0.41 | 0.03 | 821   |

## 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     | CO2e  |
|---------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|---------|---------|-------|
| Daily, Summer (Max) | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —       | —     |
| Mobile              | 2.20 | 2.03 | 1.77 | 16.1 | 0.04    | 0.03  | 3.66  | 3.69  | 0.03   | 0.93   | 0.95   | —    | 4,220 | 4,220 | 0.17    | 0.18    | 4,292 |
| Area                | 2.80 | 2.78 | 0.20 | 2.97 | < 0.005 | 0.02  | —     | 0.02  | 0.01   | —      | 0.01   | 0.00 | 223   | 223   | < 0.005 | < 0.005 | 223   |
| Energy              | 0.04 | 0.02 | 0.37 | 0.16 | < 0.005 | 0.03  | —     | 0.03  | 0.03   | —      | 0.03   | —    | 718   | 718   | 0.08    | 0.01    | 722   |
| Water               | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | 3.47 | 12.9  | 16.4  | 0.36    | 0.01    | 27.9  |
| Waste               | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | 18.7 | 0.00  | 18.7  | 1.87    | 0.00    | 65.4  |
| Refrig.             | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —       | 0.71  |
| Stationary          | 0.13 | 0.11 | 0.32 | 0.29 | < 0.005 | 0.02  | 0.00  | 0.02  | 0.02   | 0.00   | 0.02   | 0.00 | 58.8  | 58.8  | < 0.005 | < 0.005 | 59.0  |
| Total               | 5.17 | 4.94 | 2.66 | 19.5 | 0.05    | 0.09  | 3.66  | 3.75  | 0.09   | 0.93   | 1.02   | 22.1 | 5,233 | 5,255 | 2.48    | 0.19    | 5,390 |
| Daily, Winter (Max) | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —       | —     |
| Mobile              | 2.11 | 1.93 | 2.06 | 15.4 | 0.04    | 0.03  | 3.66  | 3.69  | 0.03   | 0.93   | 0.95   | —    | 3,974 | 3,974 | 0.19    | 0.20    | 4,038 |
| Area                | 2.53 | 2.52 | 0.17 | 0.07 | < 0.005 | 0.01  | —     | 0.01  | 0.01   | —      | 0.01   | 0.00 | 215   | 215   | < 0.005 | < 0.005 | 215   |
| Energy              | 0.04 | 0.02 | 0.37 | 0.16 | < 0.005 | 0.03  | —     | 0.03  | 0.03   | —      | 0.03   | —    | 718   | 718   | 0.08    | 0.01    | 722   |
| Water               | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | 3.47 | 12.9  | 16.4  | 0.36    | 0.01    | 27.9  |
| Waste               | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | 18.7 | 0.00  | 18.7  | 1.87    | 0.00    | 65.4  |

|               |      |         |         |      |         |         |      |         |         |      |         |      |       |       |         |         |       |
|---------------|------|---------|---------|------|---------|---------|------|---------|---------|------|---------|------|-------|-------|---------|---------|-------|
| Refrig.       | —    | —       | —       | —    | —       | —       | —    | —       | —       | —    | —       | —    | —     | —     | —       | —       | 0.71  |
| Stationary    | 0.13 | 0.11    | 0.32    | 0.29 | < 0.005 | 0.02    | 0.00 | 0.02    | 0.02    | 0.00 | 0.02    | 0.00 | 58.8  | 58.8  | < 0.005 | < 0.005 | 59.0  |
| Total         | 4.81 | 4.59    | 2.93    | 16.0 | 0.04    | 0.09    | 3.66 | 3.75    | 0.09    | 0.93 | 1.02    | 22.1 | 4,979 | 5,001 | 2.50    | 0.21    | 5,128 |
| Average Daily | —    | —       | —       | —    | —       | —       | —    | —       | —       | —    | —       | —    | —     | —     | —       | —       | —     |
| Mobile        | 2.08 | 1.91    | 1.93    | 14.7 | 0.04    | 0.03    | 3.58 | 3.61    | 0.03    | 0.91 | 0.93    | —    | 4,010 | 4,010 | 0.18    | 0.19    | 4,077 |
| Area          | 2.64 | 2.64    | 0.02    | 1.43 | < 0.005 | < 0.005 | —    | < 0.005 | < 0.005 | —    | < 0.005 | 0.00 | 9.11  | 9.11  | < 0.005 | < 0.005 | 9.13  |
| Energy        | 0.04 | 0.02    | 0.37    | 0.16 | < 0.005 | 0.03    | —    | 0.03    | 0.03    | —    | 0.03    | —    | 718   | 718   | 0.08    | 0.01    | 722   |
| Water         | —    | —       | —       | —    | —       | —       | —    | —       | —       | —    | —       | 3.47 | 12.9  | 16.4  | 0.36    | 0.01    | 27.9  |
| Waste         | —    | —       | —       | —    | —       | —       | —    | —       | —       | —    | —       | 18.7 | 0.00  | 18.7  | 1.87    | 0.00    | 65.4  |
| Refrig.       | —    | —       | —       | —    | —       | —       | —    | —       | —       | —    | —       | —    | —     | —     | —       | —       | 0.71  |
| Stationary    | 0.12 | 0.11    | 0.31    | 0.29 | < 0.005 | 0.02    | 0.00 | 0.02    | 0.02    | 0.00 | 0.02    | 0.00 | 57.5  | 57.5  | < 0.005 | < 0.005 | 57.7  |
| Total         | 4.90 | 4.68    | 2.64    | 16.6 | 0.04    | 0.08    | 3.58 | 3.66    | 0.08    | 0.91 | 0.98    | 22.1 | 4,808 | 4,831 | 2.49    | 0.20    | 4,960 |
| Annual        | —    | —       | —       | —    | —       | —       | —    | —       | —       | —    | —       | —    | —     | —     | —       | —       | —     |
| Mobile        | 0.38 | 0.35    | 0.35    | 2.69 | 0.01    | 0.01    | 0.65 | 0.66    | 0.01    | 0.17 | 0.17    | —    | 664   | 664   | 0.03    | 0.03    | 675   |
| Area          | 0.48 | 0.48    | < 0.005 | 0.26 | < 0.005 | < 0.005 | —    | < 0.005 | < 0.005 | —    | < 0.005 | 0.00 | 1.51  | 1.51  | < 0.005 | < 0.005 | 1.51  |
| Energy        | 0.01 | < 0.005 | 0.07    | 0.03 | < 0.005 | 0.01    | —    | 0.01    | 0.01    | —    | 0.01    | —    | 119   | 119   | 0.01    | < 0.005 | 120   |
| Water         | —    | —       | —       | —    | —       | —       | —    | —       | —       | —    | —       | 0.57 | 2.14  | 2.71  | 0.06    | < 0.005 | 4.63  |
| Waste         | —    | —       | —       | —    | —       | —       | —    | —       | —       | —    | —       | 3.09 | 0.00  | 3.09  | 0.31    | 0.00    | 10.8  |
| Refrig.       | —    | —       | —       | —    | —       | —       | —    | —       | —       | —    | —       | —    | —     | —     | —       | —       | 0.12  |
| Stationary    | 0.02 | 0.02    | 0.06    | 0.05 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 9.52  | 9.52  | < 0.005 | < 0.005 | 9.55  |
| Total         | 0.89 | 0.85    | 0.48    | 3.03 | 0.01    | 0.01    | 0.65 | 0.67    | 0.01    | 0.17 | 0.18    | 3.67 | 796   | 800   | 0.41    | 0.03    | 821   |

## 2.6. Operations Emissions by Sector, Mitigated

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

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

|                     |      |      |      |      |         |         |      |         |         |      |         |      |       |       |         |         |       |
|---------------------|------|------|------|------|---------|---------|------|---------|---------|------|---------|------|-------|-------|---------|---------|-------|
| Daily, Summer (Max) | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | —    | —     | —     | —       | —       | —     |
| Mobile              | 2.20 | 2.03 | 1.77 | 16.1 | 0.04    | 0.03    | 3.66 | 3.69    | 0.03    | 0.93 | 0.95    | —    | 4,220 | 4,220 | 0.17    | 0.18    | 4,292 |
| Area                | 2.80 | 2.78 | 0.20 | 2.97 | < 0.005 | 0.02    | —    | 0.02    | 0.01    | —    | 0.01    | 0.00 | 223   | 223   | < 0.005 | < 0.005 | 223   |
| Energy              | 0.04 | 0.02 | 0.37 | 0.16 | < 0.005 | 0.03    | —    | 0.03    | 0.03    | —    | 0.03    | —    | 718   | 718   | 0.08    | 0.01    | 722   |
| Water               | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | 3.47 | 12.9  | 16.4  | 0.36    | 0.01    | 27.9  |
| Waste               | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | 18.7 | 0.00  | 18.7  | 1.87    | 0.00    | 65.4  |
| Refrig.             | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | —    | —     | —     | —       | —       | 0.71  |
| Stationary          | 0.13 | 0.11 | 0.32 | 0.29 | < 0.005 | 0.02    | 0.00 | 0.02    | 0.02    | 0.00 | 0.02    | 0.00 | 58.8  | 58.8  | < 0.005 | < 0.005 | 59.0  |
| Total               | 5.17 | 4.94 | 2.66 | 19.5 | 0.05    | 0.09    | 3.66 | 3.75    | 0.09    | 0.93 | 1.02    | 22.1 | 5,233 | 5,255 | 2.48    | 0.19    | 5,390 |
| Daily, Winter (Max) | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | —    | —     | —     | —       | —       | —     |
| Mobile              | 2.11 | 1.93 | 2.06 | 15.4 | 0.04    | 0.03    | 3.66 | 3.69    | 0.03    | 0.93 | 0.95    | —    | 3,974 | 3,974 | 0.19    | 0.20    | 4,038 |
| Area                | 2.53 | 2.52 | 0.17 | 0.07 | < 0.005 | 0.01    | —    | 0.01    | 0.01    | —    | 0.01    | 0.00 | 215   | 215   | < 0.005 | < 0.005 | 215   |
| Energy              | 0.04 | 0.02 | 0.37 | 0.16 | < 0.005 | 0.03    | —    | 0.03    | 0.03    | —    | 0.03    | —    | 718   | 718   | 0.08    | 0.01    | 722   |
| Water               | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | 3.47 | 12.9  | 16.4  | 0.36    | 0.01    | 27.9  |
| Waste               | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | 18.7 | 0.00  | 18.7  | 1.87    | 0.00    | 65.4  |
| Refrig.             | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | —    | —     | —     | —       | —       | 0.71  |
| Stationary          | 0.13 | 0.11 | 0.32 | 0.29 | < 0.005 | 0.02    | 0.00 | 0.02    | 0.02    | 0.00 | 0.02    | 0.00 | 58.8  | 58.8  | < 0.005 | < 0.005 | 59.0  |
| Total               | 4.81 | 4.59 | 2.93 | 16.0 | 0.04    | 0.09    | 3.66 | 3.75    | 0.09    | 0.93 | 1.02    | 22.1 | 4,979 | 5,001 | 2.50    | 0.21    | 5,128 |
| Average Daily       | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | —    | —     | —     | —       | —       | —     |
| Mobile              | 2.08 | 1.91 | 1.93 | 14.7 | 0.04    | 0.03    | 3.58 | 3.61    | 0.03    | 0.91 | 0.93    | —    | 4,010 | 4,010 | 0.18    | 0.19    | 4,077 |
| Area                | 2.64 | 2.64 | 0.02 | 1.43 | < 0.005 | < 0.005 | —    | < 0.005 | < 0.005 | —    | < 0.005 | 0.00 | 9.11  | 9.11  | < 0.005 | < 0.005 | 9.13  |
| Energy              | 0.04 | 0.02 | 0.37 | 0.16 | < 0.005 | 0.03    | —    | 0.03    | 0.03    | —    | 0.03    | —    | 718   | 718   | 0.08    | 0.01    | 722   |
| Water               | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | 3.47 | 12.9  | 16.4  | 0.36    | 0.01    | 27.9  |
| Waste               | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | 18.7 | 0.00  | 18.7  | 1.87    | 0.00    | 65.4  |

|            |      |         |         |      |         |         |      |         |         |      |         |      |       |       |         |         |       |
|------------|------|---------|---------|------|---------|---------|------|---------|---------|------|---------|------|-------|-------|---------|---------|-------|
| Refrig.    | —    | —       | —       | —    | —       | —       | —    | —       | —       | —    | —       | —    | —     | —     | —       | —       | 0.71  |
| Stationary | 0.12 | 0.11    | 0.31    | 0.29 | < 0.005 | 0.02    | 0.00 | 0.02    | 0.02    | 0.00 | 0.02    | 0.00 | 57.5  | 57.5  | < 0.005 | < 0.005 | 57.7  |
| Total      | 4.90 | 4.68    | 2.64    | 16.6 | 0.04    | 0.08    | 3.58 | 3.66    | 0.08    | 0.91 | 0.98    | 22.1 | 4,808 | 4,831 | 2.49    | 0.20    | 4,960 |
| Annual     | —    | —       | —       | —    | —       | —       | —    | —       | —       | —    | —       | —    | —     | —     | —       | —       | —     |
| Mobile     | 0.38 | 0.35    | 0.35    | 2.69 | 0.01    | 0.01    | 0.65 | 0.66    | 0.01    | 0.17 | 0.17    | —    | 664   | 664   | 0.03    | 0.03    | 675   |
| Area       | 0.48 | 0.48    | < 0.005 | 0.26 | < 0.005 | < 0.005 | —    | < 0.005 | < 0.005 | —    | < 0.005 | 0.00 | 1.51  | 1.51  | < 0.005 | < 0.005 | 1.51  |
| Energy     | 0.01 | < 0.005 | 0.07    | 0.03 | < 0.005 | 0.01    | —    | 0.01    | 0.01    | —    | 0.01    | —    | 119   | 119   | 0.01    | < 0.005 | 120   |
| Water      | —    | —       | —       | —    | —       | —       | —    | —       | —       | —    | —       | 0.57 | 2.14  | 2.71  | 0.06    | < 0.005 | 4.63  |
| Waste      | —    | —       | —       | —    | —       | —       | —    | —       | —       | —    | —       | 3.09 | 0.00  | 3.09  | 0.31    | 0.00    | 10.8  |
| Refrig.    | —    | —       | —       | —    | —       | —       | —    | —       | —       | —    | —       | —    | —     | —     | —       | —       | 0.12  |
| Stationary | 0.02 | 0.02    | 0.06    | 0.05 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 9.52  | 9.52  | < 0.005 | < 0.005 | 9.55  |
| Total      | 0.89 | 0.85    | 0.48    | 3.03 | 0.01    | 0.01    | 0.65 | 0.67    | 0.01    | 0.17 | 0.18    | 3.67 | 796   | 800   | 0.41    | 0.03    | 821   |

### 3. Construction Emissions Details

#### 3.1. Site Preparation (2026) - Unmitigated

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

| Location                    | TOG  | ROG  | NOx  | CO   | SO2  | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4  | N2O  | CO2e  |
|-----------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|-------|
| Onsite                      | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Daily, Summer (Max)         | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Off-Road Equipment          | 1.07 | 1.07 | 39.9 | 28.3 | 0.05 | 1.12  | —     | 1.12  | 1.02   | —      | 1.02   | —    | 5,298 | 5,298 | 0.21 | 0.04 | 5,316 |
| 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 |
| Daily, Winter (Max)         | —       | —       | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    |
| Average Daily               | —       | —       | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    |
| Off-Road Equipment          | 0.01    | 0.01    | 0.55 | 0.39 | < 0.005 | 0.02    | —    | 0.02    | 0.01    | —    | 0.01    | — | 72.6 | 72.6 | < 0.005 | < 0.005 | 72.8 |
| Dust From Material Movement | —       | —       | —    | —    | —       | —       | 0.11 | 0.11    | —       | 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 |
| Annual                      | —       | —       | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    |
| Off-Road Equipment          | < 0.005 | < 0.005 | 0.10 | 0.07 | < 0.005 | < 0.005 | —    | < 0.005 | < 0.005 | —    | < 0.005 | — | 12.0 | 12.0 | < 0.005 | < 0.005 | 12.1 |
| Dust From Material Movement | —       | —       | —    | —    | —       | —       | 0.02 | 0.02    | —       | 0.01 | 0.01    | — | —    | —    | —       | —       | —    |
| Onsite truck                | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Offsite                     | —       | —       | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    |
| Daily, Summer (Max)         | —       | —       | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    |
| Worker                      | 0.07    | 0.07    | 0.04 | 0.66 | 0.00    | 0.00    | 0.14 | 0.14    | 0.00    | 0.03 | 0.03    | — | 154  | 154  | < 0.005 | 0.01    | 156  |
| Vendor                      | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Hauling                     | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Daily, Winter (Max)         | —       | —       | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    |

|               |         |         |         |         |      |      |         |         |      |         |         |   |      |      |         |         |      |
|---------------|---------|---------|---------|---------|------|------|---------|---------|------|---------|---------|---|------|------|---------|---------|------|
| 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 | — | 1.97 | 1.97 | < 0.005 | < 0.005 | 2.00 |
| Vendor        | 0.00    | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Hauling       | 0.00    | 0.00    | 0.00    | 0.00    | 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 | — | 0.33 | 0.33 | < 0.005 | < 0.005 | 0.33 |
| Vendor        | 0.00    | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Hauling       | 0.00    | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |

### 3.2. Site Preparation (2026) - Mitigated

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

| Location                    | TOG  | ROG  | NOx  | CO   | SO2     | PM10E   | PM10D | PM10T   | PM2.5E  | PM2.5D | PM2.5T  | BCO2 | NBCO2 | CO2T  | CH4     | N2O     | CO2e  |
|-----------------------------|------|------|------|------|---------|---------|-------|---------|---------|--------|---------|------|-------|-------|---------|---------|-------|
| Onsite                      | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —     |
| Daily, Summer (Max)         | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —     |
| Off-Road Equipment          | 0.50 | 0.50 | 2.59 | 28.3 | 0.05    | 0.10    | —     | 0.10    | 0.10    | —      | 0.10    | —    | 5,298 | 5,298 | 0.21    | 0.04    | 5,316 |
| 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  |
| Daily, Winter (Max)         | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —     |
| Average Daily               | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —     |
| Off-Road Equipment          | 0.01 | 0.01 | 0.04 | 0.39 | < 0.005 | < 0.005 | —     | < 0.005 | < 0.005 | —      | < 0.005 | —    | 72.6  | 72.6  | < 0.005 | < 0.005 | 72.8  |

|                             |         |         |         |         |         |         |         |         |         |         |         |   |      |      |         |         |      |
|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|------|
| Dust From Material Movement | —       | —       | —       | —       | —       | —       | 0.11    | 0.11    | —       | 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 |
| Annual                      | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Off-Road Equipment          | < 0.005 | < 0.005 | 0.01    | 0.07    | < 0.005 | < 0.005 | —       | < 0.005 | < 0.005 | —       | < 0.005 | — | 12.0 | 12.0 | < 0.005 | < 0.005 | 12.1 |
| Dust From Material Movement | —       | —       | —       | —       | —       | —       | 0.02    | 0.02    | —       | 0.01    | 0.01    | — | —    | —    | —       | —       | —    |
| Onsite truck                | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Offsite                     | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Daily, Summer (Max)         | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Worker                      | 0.07    | 0.07    | 0.04    | 0.66    | 0.00    | 0.00    | 0.14    | 0.14    | 0.00    | 0.03    | 0.03    | — | 154  | 154  | < 0.005 | 0.01    | 156  |
| Vendor                      | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Hauling                     | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Daily, Winter (Max)         | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| 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 | — | 1.97 | 1.97 | < 0.005 | < 0.005 | 2.00 |
| Vendor                      | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Hauling                     | 0.00    | 0.00    | 0.00    | 0.00    | 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 | — | 0.33 | 0.33 | < 0.005 | < 0.005 | 0.33 |
| Vendor                      | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Hauling                     | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |

## 3.3. Grading (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     | CO2e  |
|-----------------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|---------|---------|-------|
| Onsite                      | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —       | —     |
| Daily, Summer (Max)         | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —       | —     |
| Off-Road Equipment          | 0.73 | 0.73 | 23.2 | 17.8 | 0.03    | 0.75  | —     | 0.75  | 0.69   | —      | 0.69   | —    | 2,960 | 2,960 | 0.12    | 0.02    | 2,970 |
| Dust From Material Movement | —    | —    | —    | —    | —       | —     | 2.92  | 2.92  | —      | 1.36   | 1.36   | —    | —     | —     | —       | —       | —     |
| Onsite truck                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00    | 0.00    | 0.00  |
| Daily, Winter (Max)         | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —       | —     |
| Average Daily               | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —       | —     |
| Off-Road Equipment          | 0.05 | 0.05 | 1.59 | 1.22 | < 0.005 | 0.05  | —     | 0.05  | 0.05   | —      | 0.05   | —    | 203   | 203   | 0.01    | < 0.005 | 203   |
| Dust From Material Movement | —    | —    | —    | —    | —       | —     | 0.20  | 0.20  | —      | 0.09   | 0.09   | —    | —     | —     | —       | —       | —     |
| Onsite truck                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00    | 0.00    | 0.00  |
| Annual                      | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —       | —     |
| Off-Road Equipment          | 0.01 | 0.01 | 0.29 | 0.22 | < 0.005 | 0.01  | —     | 0.01  | 0.01   | —      | 0.01   | —    | 33.6  | 33.6  | < 0.005 | < 0.005 | 33.7  |
| Dust From Material Movement | —    | —    | —    | —    | —       | —     | 0.04  | 0.04  | —      | 0.02   | 0.02   | —    | —     | —     | —       | —       | —     |

|                     |         |         |         |         |         |         |         |         |         |         |         |   |      |      |         |         |      |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|------|
| Onsite truck        | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Offsite             | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Daily, Summer (Max) | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Worker              | 0.06    | 0.06    | 0.04    | 0.57    | 0.00    | 0.00    | 0.12    | 0.12    | 0.00    | 0.03    | 0.03    | — | 132  | 132  | < 0.005 | < 0.005 | 134  |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Hauling             | 0.01    | < 0.005 | 0.25    | 0.09    | < 0.005 | < 0.005 | 0.06    | 0.06    | < 0.005 | 0.02    | 0.02    | — | 207  | 207  | 0.01    | 0.03    | 218  |
| Daily, Winter (Max) | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Average Daily       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.03    | 0.00    | 0.00    | 0.01    | 0.01    | 0.00    | < 0.005 | < 0.005 | — | 8.44 | 8.44 | < 0.005 | < 0.005 | 8.57 |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Hauling             | < 0.005 | < 0.005 | 0.02    | 0.01    | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 14.2 | 14.2 | < 0.005 | < 0.005 | 14.9 |
| Annual              | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.01    | 0.00    | 0.00    | < 0.005 | < 0.005 | 0.00    | < 0.005 | < 0.005 | — | 1.40 | 1.40 | < 0.005 | < 0.005 | 1.42 |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Hauling             | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 2.35 | 2.35 | < 0.005 | < 0.005 | 2.47 |

### 3.4. Grading (2026) - Mitigated

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

| Location            | TOG  | ROG  | NOx  | CO   | SO2  | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4  | N2O  | CO2e  |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|-------|
| Onsite              | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Daily, Summer (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Off-Road Equipment  | 0.29 | 0.29 | 2.04 | 17.8 | 0.03 | 0.06  | —     | 0.06  | 0.06   | —      | 0.06   | —    | 2,960 | 2,960 | 0.12 | 0.02 | 2,970 |

|                             |         |         |      |      |         |         |      |         |         |      |         |   |      |      |         |         |      |
|-----------------------------|---------|---------|------|------|---------|---------|------|---------|---------|------|---------|---|------|------|---------|---------|------|
| Dust From Material Movement | —       | —       | —    | —    | —       | —       | 2.92 | 2.92    | —       | 1.36 | 1.36    | — | —    | —    | —       | —       | —    |
| Onsite truck                | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Daily, Winter (Max)         | —       | —       | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    |
| Average Daily               | —       | —       | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    |
| Off-Road Equipment          | 0.02    | 0.02    | 0.14 | 1.22 | < 0.005 | < 0.005 | —    | < 0.005 | < 0.005 | —    | < 0.005 | — | 203  | 203  | 0.01    | < 0.005 | 203  |
| Dust From Material Movement | —       | —       | —    | —    | —       | —       | 0.20 | 0.20    | —       | 0.09 | 0.09    | — | —    | —    | —       | —       | —    |
| Onsite truck                | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Annual                      | —       | —       | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    |
| Off-Road Equipment          | < 0.005 | < 0.005 | 0.03 | 0.22 | < 0.005 | < 0.005 | —    | < 0.005 | < 0.005 | —    | < 0.005 | — | 33.6 | 33.6 | < 0.005 | < 0.005 | 33.7 |
| Dust From Material Movement | —       | —       | —    | —    | —       | —       | 0.04 | 0.04    | —       | 0.02 | 0.02    | — | —    | —    | —       | —       | —    |
| Onsite truck                | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Offsite                     | —       | —       | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    |
| Daily, Summer (Max)         | —       | —       | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    |
| Worker                      | 0.06    | 0.06    | 0.04 | 0.57 | 0.00    | 0.00    | 0.12 | 0.12    | 0.00    | 0.03 | 0.03    | — | 132  | 132  | < 0.005 | < 0.005 | 134  |
| Vendor                      | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Hauling                     | 0.01    | < 0.005 | 0.25 | 0.09 | < 0.005 | < 0.005 | 0.06 | 0.06    | < 0.005 | 0.02 | 0.02    | — | 207  | 207  | 0.01    | 0.03    | 218  |

|                     |         |         |         |         |         |         |         |         |         |         |         |   |      |      |         |         |      |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|------|
| Daily, Winter (Max) | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Average Daily       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.03    | 0.00    | 0.00    | 0.01    | 0.01    | 0.00    | < 0.005 | < 0.005 | — | 8.44 | 8.44 | < 0.005 | < 0.005 | 8.57 |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Hauling             | < 0.005 | < 0.005 | 0.02    | 0.01    | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 14.2 | 14.2 | < 0.005 | < 0.005 | 14.9 |
| Annual              | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.01    | 0.00    | 0.00    | < 0.005 | < 0.005 | 0.00    | < 0.005 | < 0.005 | — | 1.40 | 1.40 | < 0.005 | < 0.005 | 1.42 |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Hauling             | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 2.35 | 2.35 | < 0.005 | < 0.005 | 2.47 |

### 3.5. Building Construction (2026) - Unmitigated

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

| Location            | TOG  | ROG  | NOx  | CO   | SO2  | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4  | N2O  | CO2e  |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|-------|
| Onsite              | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Daily, Summer (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Off-Road Equipment  | 0.62 | 0.62 | 18.9 | 14.3 | 0.02 | 0.69  | —     | 0.69  | 0.64   | —      | 0.64   | —    | 2,397 | 2,397 | 0.10 | 0.02 | 2,405 |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00 | 0.00 | 0.00  |
| Daily, Winter (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Off-Road Equipment  | 0.62 | 0.62 | 18.9 | 14.3 | 0.02 | 0.69  | —     | 0.69  | 0.64   | —      | 0.64   | —    | 2,397 | 2,397 | 0.10 | 0.02 | 2,405 |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00 | 0.00 | 0.00  |

|                     |         |         |         |         |         |         |         |         |         |         |         |   |      |      |         |         |      |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|------|
| Average Daily       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Off-Road Equipment  | 0.21    | 0.21    | 6.35    | 4.81    | 0.01    | 0.23    | —       | 0.23    | 0.22    | —       | 0.22    | — | 807  | 807  | 0.03    | 0.01    | 810  |
| Onsite truck        | 0.00    | 0.00    | 0.00    | 0.00    | 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    | 0.04    | 1.16    | 0.88    | < 0.005 | 0.04    | —       | 0.04    | 0.04    | —       | 0.04    | — | 134  | 134  | 0.01    | < 0.005 | 134  |
| Onsite truck        | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Offsite             | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Daily, Summer (Max) | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Worker              | 0.07    | 0.07    | 0.05    | 0.69    | 0.00    | 0.00    | 0.15    | 0.15    | 0.00    | 0.04    | 0.04    | — | 161  | 161  | < 0.005 | 0.01    | 164  |
| Vendor              | 0.01    | < 0.005 | 0.18    | 0.07    | < 0.005 | < 0.005 | 0.04    | 0.04    | < 0.005 | 0.01    | 0.01    | — | 143  | 143  | < 0.005 | 0.02    | 150  |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 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    | 0.06    | 0.62    | 0.00    | 0.00    | 0.15    | 0.15    | 0.00    | 0.04    | 0.04    | — | 149  | 149  | < 0.005 | 0.01    | 151  |
| Vendor              | 0.01    | < 0.005 | 0.19    | 0.07    | < 0.005 | < 0.005 | 0.04    | 0.04    | < 0.005 | 0.01    | 0.01    | — | 143  | 143  | < 0.005 | 0.02    | 150  |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Average Daily       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Worker              | 0.02    | 0.02    | 0.02    | 0.20    | 0.00    | 0.00    | 0.05    | 0.05    | 0.00    | 0.01    | 0.01    | — | 50.8 | 50.8 | < 0.005 | < 0.005 | 51.5 |
| Vendor              | < 0.005 | < 0.005 | 0.06    | 0.02    | < 0.005 | < 0.005 | 0.01    | 0.01    | < 0.005 | < 0.005 | < 0.005 | — | 48.2 | 48.2 | < 0.005 | 0.01    | 50.4 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Annual              | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.04    | 0.00    | 0.00    | 0.01    | 0.01    | 0.00    | < 0.005 | < 0.005 | — | 8.41 | 8.41 | < 0.005 | < 0.005 | 8.53 |
| Vendor              | < 0.005 | < 0.005 | 0.01    | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 7.99 | 7.99 | < 0.005 | < 0.005 | 8.35 |

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

### 3.6. Building Construction (2026) - Mitigated

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

| Location            | TOG  | ROG  | NOx  | CO   | SO2     | PM10E   | PM10D | PM10T   | PM2.5E  | PM2.5D | PM2.5T  | BCO2 | NBCO2 | CO2T  | CH4  | N2O     | CO2e  |
|---------------------|------|------|------|------|---------|---------|-------|---------|---------|--------|---------|------|-------|-------|------|---------|-------|
| Onsite              | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —    | —       | —     |
| Daily, Summer (Max) | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —    | —       | —     |
| Off-Road Equipment  | 0.23 | 0.23 | 2.03 | 14.3 | 0.02    | 0.04    | —     | 0.04    | 0.04    | —      | 0.04    | —    | 2,397 | 2,397 | 0.10 | 0.02    | 2,405 |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00  | 0.00    | 0.00    | 0.00   | 0.00    | —    | 0.00  | 0.00  | 0.00 | 0.00    | 0.00  |
| Daily, Winter (Max) | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —    | —       | —     |
| Off-Road Equipment  | 0.23 | 0.23 | 2.03 | 14.3 | 0.02    | 0.04    | —     | 0.04    | 0.04    | —      | 0.04    | —    | 2,397 | 2,397 | 0.10 | 0.02    | 2,405 |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00  | 0.00    | 0.00    | 0.00   | 0.00    | —    | 0.00  | 0.00  | 0.00 | 0.00    | 0.00  |
| Average Daily       | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —    | —       | —     |
| Off-Road Equipment  | 0.08 | 0.08 | 0.68 | 4.81 | 0.01    | 0.01    | —     | 0.01    | 0.01    | —      | 0.01    | —    | 807   | 807   | 0.03 | 0.01    | 810   |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00  | 0.00    | 0.00    | 0.00   | 0.00    | —    | 0.00  | 0.00  | 0.00 | 0.00    | 0.00  |
| Annual              | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —    | —       | —     |
| Off-Road Equipment  | 0.01 | 0.01 | 0.12 | 0.88 | < 0.005 | < 0.005 | —     | < 0.005 | < 0.005 | —      | < 0.005 | —    | 134   | 134   | 0.01 | < 0.005 | 134   |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00  | 0.00    | 0.00    | 0.00   | 0.00    | —    | 0.00  | 0.00  | 0.00 | 0.00    | 0.00  |
| Offsite             | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —    | —       | —     |

|                     |         |         |         |         |         |         |         |         |         |         |         |   |      |      |         |         |      |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|------|
| Daily, Summer (Max) | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Worker              | 0.07    | 0.07    | 0.05    | 0.69    | 0.00    | 0.00    | 0.15    | 0.15    | 0.00    | 0.04    | 0.04    | — | 161  | 161  | < 0.005 | 0.01    | 164  |
| Vendor              | 0.01    | < 0.005 | 0.18    | 0.07    | < 0.005 | < 0.005 | 0.04    | 0.04    | < 0.005 | 0.01    | 0.01    | — | 143  | 143  | < 0.005 | 0.02    | 150  |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 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    | 0.06    | 0.62    | 0.00    | 0.00    | 0.15    | 0.15    | 0.00    | 0.04    | 0.04    | — | 149  | 149  | < 0.005 | 0.01    | 151  |
| Vendor              | 0.01    | < 0.005 | 0.19    | 0.07    | < 0.005 | < 0.005 | 0.04    | 0.04    | < 0.005 | 0.01    | 0.01    | — | 143  | 143  | < 0.005 | 0.02    | 150  |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Average Daily       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Worker              | 0.02    | 0.02    | 0.02    | 0.20    | 0.00    | 0.00    | 0.05    | 0.05    | 0.00    | 0.01    | 0.01    | — | 50.8 | 50.8 | < 0.005 | < 0.005 | 51.5 |
| Vendor              | < 0.005 | < 0.005 | 0.06    | 0.02    | < 0.005 | < 0.005 | 0.01    | 0.01    | < 0.005 | < 0.005 | < 0.005 | — | 48.2 | 48.2 | < 0.005 | 0.01    | 50.4 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Annual              | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.04    | 0.00    | 0.00    | 0.01    | 0.01    | 0.00    | < 0.005 | < 0.005 | — | 8.41 | 8.41 | < 0.005 | < 0.005 | 8.53 |
| Vendor              | < 0.005 | < 0.005 | 0.01    | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 7.99 | 7.99 | < 0.005 | < 0.005 | 8.35 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 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 (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  | CO2e  |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|-------|
| Onsite              | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Daily, Summer (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Off-Road Equipment  | 0.62 | 0.62 | 18.9 | 14.3 | 0.02 | 0.69  | —     | 0.69  | 0.64   | —      | 0.64   | —    | 2,397 | 2,397 | 0.10 | 0.02 | 2,405 |

|                     |      |         |      |      |         |         |      |      |         |      |      |   |       |       |         |         |       |
|---------------------|------|---------|------|------|---------|---------|------|------|---------|------|------|---|-------|-------|---------|---------|-------|
| Onsite truck        | 0.00 | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00  |
| Daily, Winter (Max) | —    | —       | —    | —    | —       | —       | —    | —    | —       | —    | —    | — | —     | —     | —       | —       | —     |
| Off-Road Equipment  | 0.62 | 0.62    | 18.9 | 14.3 | 0.02    | 0.69    | —    | 0.69 | 0.64    | —    | 0.64 | — | 2,397 | 2,397 | 0.10    | 0.02    | 2,405 |
| Onsite truck        | 0.00 | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00  |
| Average Daily       | —    | —       | —    | —    | —       | —       | —    | —    | —       | —    | —    | — | —     | —     | —       | —       | —     |
| Off-Road Equipment  | 0.13 | 0.13    | 3.91 | 2.97 | < 0.005 | 0.14    | —    | 0.14 | 0.13    | —    | 0.13 | — | 497   | 497   | 0.02    | < 0.005 | 499   |
| Onsite truck        | 0.00 | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00  |
| Annual              | —    | —       | —    | —    | —       | —       | —    | —    | —       | —    | —    | — | —     | —     | —       | —       | —     |
| Off-Road Equipment  | 0.02 | 0.02    | 0.71 | 0.54 | < 0.005 | 0.03    | —    | 0.03 | 0.02    | —    | 0.02 | — | 82.3  | 82.3  | < 0.005 | < 0.005 | 82.6  |
| Onsite truck        | 0.00 | 0.00    | 0.00 | 0.00 | 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    | 0.04 | 0.65 | 0.00    | 0.00    | 0.15 | 0.15 | 0.00    | 0.04 | 0.04 | — | 158   | 158   | < 0.005 | 0.01    | 161   |
| Vendor              | 0.01 | < 0.005 | 0.17 | 0.07 | < 0.005 | < 0.005 | 0.04 | 0.04 | < 0.005 | 0.01 | 0.01 | — | 140   | 140   | < 0.005 | 0.02    | 147   |
| Hauling             | 0.00 | 0.00    | 0.00 | 0.00 | 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    | 0.05 | 0.58 | 0.00    | 0.00    | 0.15 | 0.15 | 0.00    | 0.04 | 0.04 | — | 146   | 146   | < 0.005 | 0.01    | 148   |
| Vendor              | 0.01 | < 0.005 | 0.18 | 0.07 | < 0.005 | < 0.005 | 0.04 | 0.04 | < 0.005 | 0.01 | 0.01 | — | 141   | 141   | < 0.005 | 0.02    | 147   |
| Hauling             | 0.00 | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00  |

|               |         |         |         |         |         |         |         |         |         |         |         |   |      |      |         |         |      |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|------|
| Average Daily | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Worker        | 0.01    | 0.01    | 0.01    | 0.12    | 0.00    | 0.00    | 0.03    | 0.03    | 0.00    | 0.01    | 0.01    | — | 30.7 | 30.7 | < 0.005 | < 0.005 | 31.2 |
| Vendor        | < 0.005 | < 0.005 | 0.04    | 0.01    | < 0.005 | < 0.005 | 0.01    | 0.01    | < 0.005 | < 0.005 | < 0.005 | — | 29.1 | 29.1 | < 0.005 | < 0.005 | 30.5 |
| Hauling       | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Annual        | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Worker        | < 0.005 | < 0.005 | < 0.005 | 0.02    | 0.00    | 0.00    | 0.01    | 0.01    | 0.00    | < 0.005 | < 0.005 | — | 5.08 | 5.08 | < 0.005 | < 0.005 | 5.16 |
| Vendor        | < 0.005 | < 0.005 | 0.01    | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 4.82 | 4.82 | < 0.005 | < 0.005 | 5.05 |
| Hauling       | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |

### 3.8. Building Construction (2027) - Mitigated

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

| Location            | TOG  | ROG  | NOx  | CO   | SO2     | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4  | N2O     | CO2e  |
|---------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|---------|-------|
| Onsite              | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —       | —     |
| Daily, Summer (Max) | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —       | —     |
| Off-Road Equipment  | 0.23 | 0.23 | 2.03 | 14.3 | 0.02    | 0.04  | —     | 0.04  | 0.04   | —      | 0.04   | —    | 2,397 | 2,397 | 0.10 | 0.02    | 2,405 |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00 | 0.00    | 0.00  |
| Daily, Winter (Max) | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —       | —     |
| Off-Road Equipment  | 0.23 | 0.23 | 2.03 | 14.3 | 0.02    | 0.04  | —     | 0.04  | 0.04   | —      | 0.04   | —    | 2,397 | 2,397 | 0.10 | 0.02    | 2,405 |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00 | 0.00    | 0.00  |
| Average Daily       | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —       | —     |
| Off-Road Equipment  | 0.05 | 0.05 | 0.42 | 2.97 | < 0.005 | 0.01  | —     | 0.01  | 0.01   | —      | 0.01   | —    | 497   | 497   | 0.02 | < 0.005 | 499   |

|                     |         |         |         |         |         |         |         |         |         |         |         |   |      |      |         |         |      |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|------|
| Onsite truck        | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Annual              | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Off-Road Equipment  | 0.01    | 0.01    | 0.08    | 0.54    | < 0.005 | < 0.005 | —       | < 0.005 | < 0.005 | —       | < 0.005 | — | 82.3 | 82.3 | < 0.005 | < 0.005 | 82.6 |
| Onsite truck        | 0.00    | 0.00    | 0.00    | 0.00    | 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    | 0.04    | 0.65    | 0.00    | 0.00    | 0.15    | 0.15    | 0.00    | 0.04    | 0.04    | — | 158  | 158  | < 0.005 | 0.01    | 161  |
| Vendor              | 0.01    | < 0.005 | 0.17    | 0.07    | < 0.005 | < 0.005 | 0.04    | 0.04    | < 0.005 | 0.01    | 0.01    | — | 140  | 140  | < 0.005 | 0.02    | 147  |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 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    | 0.05    | 0.58    | 0.00    | 0.00    | 0.15    | 0.15    | 0.00    | 0.04    | 0.04    | — | 146  | 146  | < 0.005 | 0.01    | 148  |
| Vendor              | 0.01    | < 0.005 | 0.18    | 0.07    | < 0.005 | < 0.005 | 0.04    | 0.04    | < 0.005 | 0.01    | 0.01    | — | 141  | 141  | < 0.005 | 0.02    | 147  |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Average Daily       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Worker              | 0.01    | 0.01    | 0.01    | 0.12    | 0.00    | 0.00    | 0.03    | 0.03    | 0.00    | 0.01    | 0.01    | — | 30.7 | 30.7 | < 0.005 | < 0.005 | 31.2 |
| Vendor              | < 0.005 | < 0.005 | 0.04    | 0.01    | < 0.005 | < 0.005 | 0.01    | 0.01    | < 0.005 | < 0.005 | < 0.005 | — | 29.1 | 29.1 | < 0.005 | < 0.005 | 30.5 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Annual              | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.02    | 0.00    | 0.00    | 0.01    | 0.01    | 0.00    | < 0.005 | < 0.005 | — | 5.08 | 5.08 | < 0.005 | < 0.005 | 5.16 |
| Vendor              | < 0.005 | < 0.005 | 0.01    | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 4.82 | 4.82 | < 0.005 | < 0.005 | 5.05 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 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. 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     | CO2e  |
|---------------------|---------|---------|------|------|---------|---------|-------|---------|---------|--------|---------|------|-------|-------|---------|---------|-------|
| Onsite              | —       | —       | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —     |
| Daily, Summer (Max) | —       | —       | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —     |
| Off-Road Equipment  | 0.50    | 0.50    | 13.3 | 10.6 | 0.01    | 0.58    | —     | 0.58    | 0.54    | —      | 0.54    | —    | 1,511 | 1,511 | 0.06    | 0.01    | 1,516 |
| Paving              | 0.00    | 0.00    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —     |
| Onsite truck        | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00  | 0.00    | 0.00    | 0.00   | 0.00    | —    | 0.00  | 0.00  | 0.00    | 0.00    | 0.00  |
| Daily, Winter (Max) | —       | —       | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —     |
| Average Daily       | —       | —       | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —     |
| Off-Road Equipment  | 0.02    | 0.02    | 0.55 | 0.44 | < 0.005 | 0.02    | —     | 0.02    | 0.02    | —      | 0.02    | —    | 62.1  | 62.1  | < 0.005 | < 0.005 | 62.3  |
| Paving              | 0.00    | 0.00    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —     |
| Onsite truck        | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00  | 0.00    | 0.00    | 0.00   | 0.00    | —    | 0.00  | 0.00  | 0.00    | 0.00    | 0.00  |
| Annual              | —       | —       | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —     |
| Off-Road Equipment  | < 0.005 | < 0.005 | 0.10 | 0.08 | < 0.005 | < 0.005 | —     | < 0.005 | < 0.005 | —      | < 0.005 | —    | 10.3  | 10.3  | < 0.005 | < 0.005 | 10.3  |
| Paving              | 0.00    | 0.00    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —     |
| Onsite truck        | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00  | 0.00    | 0.00    | 0.00   | 0.00    | —    | 0.00  | 0.00  | 0.00    | 0.00    | 0.00  |
| Offsite             | —       | —       | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —     |
| Daily, Summer (Max) | —       | —       | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —     |
| Worker              | 0.06    | 0.05    | 0.03 | 0.53 | 0.00    | 0.00    | 0.12  | 0.12    | 0.00    | 0.03   | 0.03    | —    | 129   | 129   | < 0.005 | < 0.005 | 131   |
| Vendor              | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00  | 0.00    | 0.00    | 0.00   | 0.00    | —    | 0.00  | 0.00  | 0.00    | 0.00    | 0.00  |

|                     |         |         |         |         |      |      |         |         |      |         |         |   |      |      |         |         |      |
|---------------------|---------|---------|---------|---------|------|------|---------|---------|------|---------|---------|---|------|------|---------|---------|------|
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Daily, Winter (Max) | —       | —       | —       | —       | —    | —    | —       | —       | —    | —       | —       | — | —    | —    | —       | —       | —    |
| 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 | — | 4.97 | 4.97 | < 0.005 | < 0.005 | 5.04 |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Annual              | —       | —       | —       | —       | —    | —    | —       | —       | —    | —       | —       | — | —    | —    | —       | —       | —    |
| Worker              | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 0.82 | 0.82 | < 0.005 | < 0.005 | 0.84 |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |

### 3.10. Paving (2027) - Mitigated

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

| Location            | TOG  | ROG  | NOx  | CO   | SO2  | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4  | N2O  | CO2e  |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|-------|
| Onsite              | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Daily, Summer (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Off-Road Equipment  | 0.16 | 0.16 | 1.93 | 10.6 | 0.01 | 0.03  | —     | 0.03  | 0.03   | —      | 0.03   | —    | 1,511 | 1,511 | 0.06 | 0.01 | 1,516 |
| Paving              | 0.00 | 0.00 | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00 | 0.00 | 0.00  |
| Daily, Winter (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Average Daily       | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |

|                     |         |         |         |         |         |         |         |         |         |         |         |   |      |      |         |         |      |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|------|
| Off-Road Equipment  | 0.01    | 0.01    | 0.08    | 0.44    | < 0.005 | < 0.005 | —       | < 0.005 | < 0.005 | —       | < 0.005 | — | 62.1 | 62.1 | < 0.005 | < 0.005 | 62.3 |
| Paving              | 0.00    | 0.00    | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Onsite truck        | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Annual              | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Off-Road Equipment  | < 0.005 | < 0.005 | 0.01    | 0.08    | < 0.005 | < 0.005 | —       | < 0.005 | < 0.005 | —       | < 0.005 | — | 10.3 | 10.3 | < 0.005 | < 0.005 | 10.3 |
| Paving              | 0.00    | 0.00    | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Onsite truck        | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Offsite             | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Daily, Summer (Max) | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Worker              | 0.06    | 0.05    | 0.03    | 0.53    | 0.00    | 0.00    | 0.12    | 0.12    | 0.00    | 0.03    | 0.03    | — | 129  | 129  | < 0.005 | < 0.005 | 131  |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Daily, Winter (Max) | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| 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 | — | 4.97 | 4.97 | < 0.005 | < 0.005 | 5.04 |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Annual              | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Worker              | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.00    | 0.00    | < 0.005 | < 0.005 | 0.00    | < 0.005 | < 0.005 | — | 0.82 | 0.82 | < 0.005 | < 0.005 | 0.84 |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |

## 3.11. 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     | CO2e |
|-------------------------|---------|---------|------|------|---------|---------|-------|---------|---------|--------|---------|------|-------|------|---------|---------|------|
| Onsite                  | —       | —       | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Daily, Summer (Max)     | —       | —       | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Off-Road Equipment      | 0.05    | 0.05    | 1.09 | 0.96 | < 0.005 | 0.07    | —     | 0.07    | 0.06    | —      | 0.06    | —    | 134   | 134  | 0.01    | < 0.005 | 134  |
| Architect ural Coatings | 93.4    | 93.4    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Onsite truck            | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00  | 0.00    | 0.00    | 0.00   | 0.00    | —    | 0.00  | 0.00 | 0.00    | 0.00    | 0.00 |
| Daily, Winter (Max)     | —       | —       | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Average Daily           | —       | —       | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Off-Road Equipment      | < 0.005 | < 0.005 | 0.04 | 0.04 | < 0.005 | < 0.005 | —     | < 0.005 | < 0.005 | —      | < 0.005 | —    | 5.49  | 5.49 | < 0.005 | < 0.005 | 5.51 |
| Architect ural Coatings | 3.84    | 3.84    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Onsite truck            | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00  | 0.00    | 0.00    | 0.00   | 0.00    | —    | 0.00  | 0.00 | 0.00    | 0.00    | 0.00 |
| Annual                  | —       | —       | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Off-Road Equipment      | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | —     | < 0.005 | < 0.005 | —      | < 0.005 | —    | 0.91  | 0.91 | < 0.005 | < 0.005 | 0.91 |
| Architect ural Coatings | 0.70    | 0.70    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Onsite truck            | 0.00    | 0.00    | 0.00 | 0.00 | 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              | 0.01    | 0.01    | 0.01    | 0.13    | 0.00 | 0.00 | 0.03    | 0.03    | 0.00 | 0.01    | 0.01    | — | 31.6 | 31.6 | < 0.005 | < 0.005 | 32.1 |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Daily, Winter (Max) | —       | —       | —       | —       | —    | —    | —       | —       | —    | —       | —       | — | —    | —    | —       | —       | —    |
| 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 | — | 1.22 | 1.22 | < 0.005 | < 0.005 | 1.23 |
| 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 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 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 | — | 0.20 | 0.20 | < 0.005 | < 0.005 | 0.20 |
| 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 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |

### 3.12. Architectural Coating (2027) - Mitigated

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

| Location                | TOG  | ROG  | NOx  | CO   | SO2     | PM10E   | PM10D | PM10T   | PM2.5E  | PM2.5D | PM2.5T  | BCO2 | NBCO2 | CO2T | CH4  | N2O     | CO2e |
|-------------------------|------|------|------|------|---------|---------|-------|---------|---------|--------|---------|------|-------|------|------|---------|------|
| Onsite                  | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —    | —       | —    |
| Daily, Summer (Max)     | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —    | —       | —    |
| Off-Road Equipment      | 0.02 | 0.02 | 0.65 | 0.96 | < 0.005 | < 0.005 | —     | < 0.005 | < 0.005 | —      | < 0.005 | —    | 134   | 134  | 0.01 | < 0.005 | 134  |
| Architect ural Coatings | 93.4 | 93.4 | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —    | —       | —    |

|                         |         |         |         |         |         |         |         |         |         |         |         |   |      |      |         |         |      |
|-------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|------|
| Onsite truck            | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Daily, Winter (Max)     | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Average Daily           | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Off-Road Equipment      | < 0.005 | < 0.005 | 0.03    | 0.04    | < 0.005 | < 0.005 | —       | < 0.005 | < 0.005 | —       | < 0.005 | — | 5.49 | 5.49 | < 0.005 | < 0.005 | 5.51 |
| Architect ural Coatings | 3.84    | 3.84    | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Onsite truck            | 0.00    | 0.00    | 0.00    | 0.00    | 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 | 0.01    | < 0.005 | < 0.005 | —       | < 0.005 | < 0.005 | —       | < 0.005 | — | 0.91 | 0.91 | < 0.005 | < 0.005 | 0.91 |
| Architect ural Coatings | 0.70    | 0.70    | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| Onsite truck            | 0.00    | 0.00    | 0.00    | 0.00    | 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                  | 0.01    | 0.01    | 0.01    | 0.13    | 0.00    | 0.00    | 0.03    | 0.03    | 0.00    | 0.01    | 0.01    | — | 31.6 | 31.6 | < 0.005 | < 0.005 | 32.1 |
| Vendor                  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Hauling                 | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 |
| Daily, Winter (Max)     | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    |
| 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 | — | 1.22 | 1.22 | < 0.005 | < 0.005 | 1.23 |

|         |         |         |         |         |      |      |         |         |      |         |         |   |      |      |         |         |      |
|---------|---------|---------|---------|---------|------|------|---------|---------|------|---------|---------|---|------|------|---------|---------|------|
| 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 |
| Hauling | 0.00    | 0.00    | 0.00    | 0.00    | 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 | — | 0.20 | 0.20 | < 0.005 | < 0.005 | 0.20 |
| 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 |
| Hauling | 0.00    | 0.00    | 0.00    | 0.00    | 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  | CO2e  |
|-----------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|-------|
| Daily, Summer (Max)   | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Single Family Housing | 2.20 | 2.03 | 1.77 | 16.1 | 0.04 | 0.03  | 3.66  | 3.69  | 0.03   | 0.93   | 0.95   | —    | 4,220 | 4,220 | 0.17 | 0.18 | 4,292 |
| Total                 | 2.20 | 2.03 | 1.77 | 16.1 | 0.04 | 0.03  | 3.66  | 3.69  | 0.03   | 0.93   | 0.95   | —    | 4,220 | 4,220 | 0.17 | 0.18 | 4,292 |
| Daily, Winter (Max)   | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Single Family Housing | 2.11 | 1.93 | 2.06 | 15.4 | 0.04 | 0.03  | 3.66  | 3.69  | 0.03   | 0.93   | 0.95   | —    | 3,974 | 3,974 | 0.19 | 0.20 | 4,038 |
| Total                 | 2.11 | 1.93 | 2.06 | 15.4 | 0.04 | 0.03  | 3.66  | 3.69  | 0.03   | 0.93   | 0.95   | —    | 3,974 | 3,974 | 0.19 | 0.20 | 4,038 |
| Annual                | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |

|                       |      |      |      |      |      |      |      |      |      |      |      |   |     |     |      |      |     |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|---|-----|-----|------|------|-----|
| Single Family Housing | 0.38 | 0.35 | 0.35 | 2.69 | 0.01 | 0.01 | 0.65 | 0.66 | 0.01 | 0.17 | 0.17 | — | 664 | 664 | 0.03 | 0.03 | 675 |
| Total                 | 0.38 | 0.35 | 0.35 | 2.69 | 0.01 | 0.01 | 0.65 | 0.66 | 0.01 | 0.17 | 0.17 | — | 664 | 664 | 0.03 | 0.03 | 675 |

#### 4.1.2. Mitigated

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

| Land Use              | TOG  | ROG  | NOx  | CO   | SO2  | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4  | N2O  | CO2e  |
|-----------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|-------|
| Daily, Summer (Max)   | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Single Family Housing | 2.20 | 2.03 | 1.77 | 16.1 | 0.04 | 0.03  | 3.66  | 3.69  | 0.03   | 0.93   | 0.95   | —    | 4,220 | 4,220 | 0.17 | 0.18 | 4,292 |
| Total                 | 2.20 | 2.03 | 1.77 | 16.1 | 0.04 | 0.03  | 3.66  | 3.69  | 0.03   | 0.93   | 0.95   | —    | 4,220 | 4,220 | 0.17 | 0.18 | 4,292 |
| Daily, Winter (Max)   | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Single Family Housing | 2.11 | 1.93 | 2.06 | 15.4 | 0.04 | 0.03  | 3.66  | 3.69  | 0.03   | 0.93   | 0.95   | —    | 3,974 | 3,974 | 0.19 | 0.20 | 4,038 |
| Total                 | 2.11 | 1.93 | 2.06 | 15.4 | 0.04 | 0.03  | 3.66  | 3.69  | 0.03   | 0.93   | 0.95   | —    | 3,974 | 3,974 | 0.19 | 0.20 | 4,038 |
| Annual                | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —     |
| Single Family Housing | 0.38 | 0.35 | 0.35 | 2.69 | 0.01 | 0.01  | 0.65  | 0.66  | 0.01   | 0.17   | 0.17   | —    | 664   | 664   | 0.03 | 0.03 | 675   |
| Total                 | 0.38 | 0.35 | 0.35 | 2.69 | 0.01 | 0.01  | 0.65  | 0.66  | 0.01   | 0.17   | 0.17   | —    | 664   | 664   | 0.03 | 0.03 | 675   |

## 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     | CO2e |
|-----------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|---------|------|
| Daily, Summer (Max)   | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 243   | 243  | 0.04 | < 0.005 | 245  |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 243   | 243  | 0.04 | < 0.005 | 245  |
| Daily, Winter (Max)   | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 243   | 243  | 0.04 | < 0.005 | 245  |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 243   | 243  | 0.04 | < 0.005 | 245  |
| Annual                | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 40.2  | 40.2 | 0.01 | < 0.005 | 40.6 |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 40.2  | 40.2 | 0.01 | < 0.005 | 40.6 |

#### 4.2.2. Electricity Emissions By Land Use - Mitigated

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

| Land Use              | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4  | N2O     | CO2e |
|-----------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|---------|------|
| Daily, Summer (Max)   | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 243   | 243  | 0.04 | < 0.005 | 245  |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 243   | 243  | 0.04 | < 0.005 | 245  |

|                       |   |   |   |   |   |   |   |   |   |   |   |   |      |      |      |         |      |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|------|------|------|---------|------|
| Daily, Winter (Max)   | — | — | — | — | — | — | — | — | — | — | — | — | —    | —    | —    | —       | —    |
| Single Family Housing | — | — | — | — | — | — | — | — | — | — | — | — | 243  | 243  | 0.04 | < 0.005 | 245  |
| Total                 | — | — | — | — | — | — | — | — | — | — | — | — | 243  | 243  | 0.04 | < 0.005 | 245  |
| Annual                | — | — | — | — | — | — | — | — | — | — | — | — | —    | —    | —    | —       | —    |
| Single Family Housing | — | — | — | — | — | — | — | — | — | — | — | — | 40.2 | 40.2 | 0.01 | < 0.005 | 40.6 |
| Total                 | — | — | — | — | — | — | — | — | — | — | — | — | 40.2 | 40.2 | 0.01 | < 0.005 | 40.6 |

#### 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     | CO2e |
|-----------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|------|------|---------|------|
| Daily, Summer (Max)   | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    |
| Single Family Housing | 0.04 | 0.02 | 0.37 | 0.16 | < 0.005 | 0.03  | —     | 0.03  | 0.03   | —      | 0.03   | —    | 475   | 475  | 0.04 | < 0.005 | 477  |
| Total                 | 0.04 | 0.02 | 0.37 | 0.16 | < 0.005 | 0.03  | —     | 0.03  | 0.03   | —      | 0.03   | —    | 475   | 475  | 0.04 | < 0.005 | 477  |
| Daily, Winter (Max)   | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    |
| Single Family Housing | 0.04 | 0.02 | 0.37 | 0.16 | < 0.005 | 0.03  | —     | 0.03  | 0.03   | —      | 0.03   | —    | 475   | 475  | 0.04 | < 0.005 | 477  |
| Total                 | 0.04 | 0.02 | 0.37 | 0.16 | < 0.005 | 0.03  | —     | 0.03  | 0.03   | —      | 0.03   | —    | 475   | 475  | 0.04 | < 0.005 | 477  |
| Annual                | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    |

|                       |      |         |      |      |         |      |   |      |      |   |      |   |      |      |      |         |      |
|-----------------------|------|---------|------|------|---------|------|---|------|------|---|------|---|------|------|------|---------|------|
| Single Family Housing | 0.01 | < 0.005 | 0.07 | 0.03 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 78.7 | 78.7 | 0.01 | < 0.005 | 78.9 |
| Total                 | 0.01 | < 0.005 | 0.07 | 0.03 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 78.7 | 78.7 | 0.01 | < 0.005 | 78.9 |

#### 4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

| Land Use              | TOG  | ROG     | NOx  | CO   | SO2     | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4  | N2O     | CO2e |
|-----------------------|------|---------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|------|------|---------|------|
| Daily, Summer (Max)   | —    | —       | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    |
| Single Family Housing | 0.04 | 0.02    | 0.37 | 0.16 | < 0.005 | 0.03  | —     | 0.03  | 0.03   | —      | 0.03   | —    | 475   | 475  | 0.04 | < 0.005 | 477  |
| Total                 | 0.04 | 0.02    | 0.37 | 0.16 | < 0.005 | 0.03  | —     | 0.03  | 0.03   | —      | 0.03   | —    | 475   | 475  | 0.04 | < 0.005 | 477  |
| Daily, Winter (Max)   | —    | —       | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    |
| Single Family Housing | 0.04 | 0.02    | 0.37 | 0.16 | < 0.005 | 0.03  | —     | 0.03  | 0.03   | —      | 0.03   | —    | 475   | 475  | 0.04 | < 0.005 | 477  |
| Total                 | 0.04 | 0.02    | 0.37 | 0.16 | < 0.005 | 0.03  | —     | 0.03  | 0.03   | —      | 0.03   | —    | 475   | 475  | 0.04 | < 0.005 | 477  |
| Annual                | —    | —       | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    |
| Single Family Housing | 0.01 | < 0.005 | 0.07 | 0.03 | < 0.005 | 0.01  | —     | 0.01  | 0.01   | —      | 0.01   | —    | 78.7  | 78.7 | 0.01 | < 0.005 | 78.9 |
| Total                 | 0.01 | < 0.005 | 0.07 | 0.03 | < 0.005 | 0.01  | —     | 0.01  | 0.01   | —      | 0.01   | —    | 78.7  | 78.7 | 0.01 | < 0.005 | 78.9 |

### 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     | CO2e |
|------------------------|---------|---------|---------|---------|---------|---------|-------|---------|---------|--------|---------|------|-------|------|---------|---------|------|
| Daily, Summer (Max)    | —       | —       | —       | —       | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Hearths                | 0.02    | 0.01    | 0.17    | 0.07    | < 0.005 | 0.01    | —     | 0.01    | 0.01    | —      | 0.01    | 0.00 | 215   | 215  | < 0.005 | < 0.005 | 215  |
| Consumer Products      | 2.13    | 2.13    | —       | —       | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Architectural Coatings | 0.38    | 0.38    | —       | —       | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Landscape Equipment    | 0.27    | 0.25    | 0.03    | 2.90    | < 0.005 | < 0.005 | —     | < 0.005 | < 0.005 | —      | < 0.005 | —    | 7.74  | 7.74 | < 0.005 | < 0.005 | 7.76 |
| Total                  | 2.80    | 2.78    | 0.20    | 2.97    | < 0.005 | 0.02    | —     | 0.02    | 0.01    | —      | 0.01    | 0.00 | 223   | 223  | < 0.005 | < 0.005 | 223  |
| Daily, Winter (Max)    | —       | —       | —       | —       | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Hearths                | 0.02    | 0.01    | 0.17    | 0.07    | < 0.005 | 0.01    | —     | 0.01    | 0.01    | —      | 0.01    | 0.00 | 215   | 215  | < 0.005 | < 0.005 | 215  |
| Consumer Products      | 2.13    | 2.13    | —       | —       | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Architectural Coatings | 0.38    | 0.38    | —       | —       | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Total                  | 2.53    | 2.52    | 0.17    | 0.07    | < 0.005 | 0.01    | —     | 0.01    | 0.01    | —      | 0.01    | 0.00 | 215   | 215  | < 0.005 | < 0.005 | 215  |
| Annual                 | —       | —       | —       | —       | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Hearths                | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | —     | < 0.005 | < 0.005 | —      | < 0.005 | 0.00 | 0.88  | 0.88 | < 0.005 | < 0.005 | 0.88 |
| Consumer Products      | 0.39    | 0.39    | —       | —       | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Architectural Coatings | 0.07    | 0.07    | —       | —       | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |

|                     |      |      |         |      |         |         |   |         |         |   |         |      |      |      |         |         |      |
|---------------------|------|------|---------|------|---------|---------|---|---------|---------|---|---------|------|------|------|---------|---------|------|
| Landscape Equipment | 0.02 | 0.02 | < 0.005 | 0.26 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | —    | 0.63 | 0.63 | < 0.005 | < 0.005 | 0.63 |
| Total               | 0.48 | 0.48 | < 0.005 | 0.26 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | 0.00 | 1.51 | 1.51 | < 0.005 | < 0.005 | 1.51 |

#### 4.3.2. Mitigated

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

| Source                 | TOG  | ROG  | NOx  | CO   | SO2     | PM10E   | PM10D | PM10T   | PM2.5E  | PM2.5D | PM2.5T  | BCO2 | NBCO2 | CO2T | CH4     | N2O     | CO2e |
|------------------------|------|------|------|------|---------|---------|-------|---------|---------|--------|---------|------|-------|------|---------|---------|------|
| Daily, Summer (Max)    | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Hearths                | 0.02 | 0.01 | 0.17 | 0.07 | < 0.005 | 0.01    | —     | 0.01    | 0.01    | —      | 0.01    | 0.00 | 215   | 215  | < 0.005 | < 0.005 | 215  |
| Consumer Products      | 2.13 | 2.13 | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Architectural Coatings | 0.38 | 0.38 | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Landscape Equipment    | 0.27 | 0.25 | 0.03 | 2.90 | < 0.005 | < 0.005 | —     | < 0.005 | < 0.005 | —      | < 0.005 | —    | 7.74  | 7.74 | < 0.005 | < 0.005 | 7.76 |
| Total                  | 2.80 | 2.78 | 0.20 | 2.97 | < 0.005 | 0.02    | —     | 0.02    | 0.01    | —      | 0.01    | 0.00 | 223   | 223  | < 0.005 | < 0.005 | 223  |
| Daily, Winter (Max)    | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Hearths                | 0.02 | 0.01 | 0.17 | 0.07 | < 0.005 | 0.01    | —     | 0.01    | 0.01    | —      | 0.01    | 0.00 | 215   | 215  | < 0.005 | < 0.005 | 215  |
| Consumer Products      | 2.13 | 2.13 | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Architectural Coatings | 0.38 | 0.38 | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Total                  | 2.53 | 2.52 | 0.17 | 0.07 | < 0.005 | 0.01    | —     | 0.01    | 0.01    | —      | 0.01    | 0.00 | 215   | 215  | < 0.005 | < 0.005 | 215  |
| Annual                 | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |

|                        |         |         |         |         |         |         |   |         |         |   |         |      |      |      |         |         |      |
|------------------------|---------|---------|---------|---------|---------|---------|---|---------|---------|---|---------|------|------|------|---------|---------|------|
| Hearths                | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | 0.00 | 0.88 | 0.88 | < 0.005 | < 0.005 | 0.88 |
| Consumer Products      | 0.39    | 0.39    | —       | —       | —       | —       | — | —       | —       | — | —       | —    | —    | —    | —       | —       | —    |
| Architectural Coatings | 0.07    | 0.07    | —       | —       | —       | —       | — | —       | —       | — | —       | —    | —    | —    | —       | —       | —    |
| Landscape Equipment    | 0.02    | 0.02    | < 0.005 | 0.26    | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | —    | 0.63 | 0.63 | < 0.005 | < 0.005 | 0.63 |
| Total                  | 0.48    | 0.48    | < 0.005 | 0.26    | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | 0.00 | 1.51 | 1.51 | < 0.005 | < 0.005 | 1.51 |

## 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  | CO2e |
|-----------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|------|------|
| Daily, Summer (Max)   | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 3.47 | 12.9  | 16.4 | 0.36 | 0.01 | 27.9 |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 3.47 | 12.9  | 16.4 | 0.36 | 0.01 | 27.9 |
| Daily, Winter (Max)   | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 3.47 | 12.9  | 16.4 | 0.36 | 0.01 | 27.9 |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 3.47 | 12.9  | 16.4 | 0.36 | 0.01 | 27.9 |
| Annual                | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | —    |

|                       |   |   |   |   |   |   |   |   |   |   |   |      |      |      |      |         |      |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|------|------|------|------|---------|------|
| Single Family Housing | — | — | — | — | — | — | — | — | — | — | — | 0.57 | 2.14 | 2.71 | 0.06 | < 0.005 | 4.63 |
| Total                 | — | — | — | — | — | — | — | — | — | — | — | 0.57 | 2.14 | 2.71 | 0.06 | < 0.005 | 4.63 |

#### 4.4.2. Mitigated

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

| Land Use              | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4  | N2O     | CO2e |
|-----------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|---------|------|
| Daily, Summer (Max)   | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 3.47 | 12.9  | 16.4 | 0.36 | 0.01    | 27.9 |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 3.47 | 12.9  | 16.4 | 0.36 | 0.01    | 27.9 |
| Daily, Winter (Max)   | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 3.47 | 12.9  | 16.4 | 0.36 | 0.01    | 27.9 |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 3.47 | 12.9  | 16.4 | 0.36 | 0.01    | 27.9 |
| Annual                | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.57 | 2.14  | 2.71 | 0.06 | < 0.005 | 4.63 |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.57 | 2.14  | 2.71 | 0.06 | < 0.005 | 4.63 |

### 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  | CO2e |
|-----------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|------|------|
| Daily, Summer (Max)   | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 18.7 | 0.00  | 18.7 | 1.87 | 0.00 | 65.4 |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 18.7 | 0.00  | 18.7 | 1.87 | 0.00 | 65.4 |
| Daily, Winter (Max)   | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 18.7 | 0.00  | 18.7 | 1.87 | 0.00 | 65.4 |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 18.7 | 0.00  | 18.7 | 1.87 | 0.00 | 65.4 |
| Annual                | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 3.09 | 0.00  | 3.09 | 0.31 | 0.00 | 10.8 |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 3.09 | 0.00  | 3.09 | 0.31 | 0.00 | 10.8 |

#### 4.5.2. Mitigated

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

| Land Use              | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4  | N2O  | CO2e |
|-----------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|------|------|
| Daily, Summer (Max)   | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 18.7 | 0.00  | 18.7 | 1.87 | 0.00 | 65.4 |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 18.7 | 0.00  | 18.7 | 1.87 | 0.00 | 65.4 |

|                       |   |   |   |   |   |   |   |   |   |   |   |      |      |      |      |      |      |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|------|------|------|------|------|------|
| Daily, Winter (Max)   | — | — | — | — | — | — | — | — | — | — | — | —    | —    | —    | —    | —    | —    |
| Single Family Housing | — | — | — | — | — | — | — | — | — | — | — | 18.7 | 0.00 | 18.7 | 1.87 | 0.00 | 65.4 |
| Total                 | — | — | — | — | — | — | — | — | — | — | — | 18.7 | 0.00 | 18.7 | 1.87 | 0.00 | 65.4 |
| Annual                | — | — | — | — | — | — | — | — | — | — | — | —    | —    | —    | —    | —    | —    |
| Single Family Housing | — | — | — | — | — | — | — | — | — | — | — | 3.09 | 0.00 | 3.09 | 0.31 | 0.00 | 10.8 |
| Total                 | — | — | — | — | — | — | — | — | — | — | — | 3.09 | 0.00 | 3.09 | 0.31 | 0.00 | 10.8 |

## 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 | CO2e |
|-----------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|------|
| Daily, Summer (Max)   | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | 0.71 |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | 0.71 |
| Daily, Winter (Max)   | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | 0.71 |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | 0.71 |
| Annual                | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | —    |

|                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |      |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------|
| Single Family Housing | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.12 |
| Total                 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.12 |

#### 4.6.2. Mitigated

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

| Land Use              | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | CO2e |
|-----------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|------|
| Daily, Summer (Max)   | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | 0.71 |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | 0.71 |
| Daily, Winter (Max)   | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | 0.71 |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | 0.71 |
| Annual                | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | —    |
| Single Family Housing | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | 0.12 |
| Total                 | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | 0.12 |

#### 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)

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

#### 4.7.2. Mitigated

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

| Equipme<br>nt<br>Type     | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | CO2e |
|---------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|------|
| Daily,<br>Summer<br>(Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | —    |
| Total                     | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | —    |
| Daily,<br>Winter<br>(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     | CO2e |
|---------------------|------|------|------|------|---------|---------|-------|---------|---------|--------|---------|------|-------|------|---------|---------|------|
| Daily, Summer (Max) | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Emergency Generator | 0.13 | 0.11 | 0.32 | 0.29 | < 0.005 | 0.02    | 0.00  | 0.02    | 0.02    | 0.00   | 0.02    | 0.00 | 58.8  | 58.8 | < 0.005 | < 0.005 | 59.0 |
| Total               | 0.13 | 0.11 | 0.32 | 0.29 | < 0.005 | 0.02    | 0.00  | 0.02    | 0.02    | 0.00   | 0.02    | 0.00 | 58.8  | 58.8 | < 0.005 | < 0.005 | 59.0 |
| Daily, Winter (Max) | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Emergency Generator | 0.13 | 0.11 | 0.32 | 0.29 | < 0.005 | 0.02    | 0.00  | 0.02    | 0.02    | 0.00   | 0.02    | 0.00 | 58.8  | 58.8 | < 0.005 | < 0.005 | 59.0 |
| Total               | 0.13 | 0.11 | 0.32 | 0.29 | < 0.005 | 0.02    | 0.00  | 0.02    | 0.02    | 0.00   | 0.02    | 0.00 | 58.8  | 58.8 | < 0.005 | < 0.005 | 59.0 |
| Annual              | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —    | —       | —       | —    |
| Emergency Generator | 0.02 | 0.02 | 0.06 | 0.05 | < 0.005 | < 0.005 | 0.00  | < 0.005 | < 0.005 | 0.00   | < 0.005 | 0.00 | 9.52  | 9.52 | < 0.005 | < 0.005 | 9.55 |
| Total               | 0.02 | 0.02 | 0.06 | 0.05 | < 0.005 | < 0.005 | 0.00  | < 0.005 | < 0.005 | 0.00   | < 0.005 | 0.00 | 9.52  | 9.52 | < 0.005 | < 0.005 | 9.55 |

## 4.8.2. Mitigated

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

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

|                     |      |      |      |      |         |         |      |         |         |      |         |      |      |      |         |         |      |
|---------------------|------|------|------|------|---------|---------|------|---------|---------|------|---------|------|------|------|---------|---------|------|
| Emergency Generator | 0.13 | 0.11 | 0.32 | 0.29 | < 0.005 | 0.02    | 0.00 | 0.02    | 0.02    | 0.00 | 0.02    | 0.00 | 58.8 | 58.8 | < 0.005 | < 0.005 | 59.0 |
| Total               | 0.13 | 0.11 | 0.32 | 0.29 | < 0.005 | 0.02    | 0.00 | 0.02    | 0.02    | 0.00 | 0.02    | 0.00 | 58.8 | 58.8 | < 0.005 | < 0.005 | 59.0 |
| Daily, Winter (Max) | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | —    | —    | —    | —       | —       | —    |
| Emergency Generator | 0.13 | 0.11 | 0.32 | 0.29 | < 0.005 | 0.02    | 0.00 | 0.02    | 0.02    | 0.00 | 0.02    | 0.00 | 58.8 | 58.8 | < 0.005 | < 0.005 | 59.0 |
| Total               | 0.13 | 0.11 | 0.32 | 0.29 | < 0.005 | 0.02    | 0.00 | 0.02    | 0.02    | 0.00 | 0.02    | 0.00 | 58.8 | 58.8 | < 0.005 | < 0.005 | 59.0 |
| Annual              | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | —    | —    | —    | —       | —       | —    |
| Emergency Generator | 0.02 | 0.02 | 0.06 | 0.05 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 9.52 | 9.52 | < 0.005 | < 0.005 | 9.55 |
| Total               | 0.02 | 0.02 | 0.06 | 0.05 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 9.52 | 9.52 | < 0.005 | < 0.005 | 9.55 |

## 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 | CO2e |
|---------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|------|
| Daily, Summer (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | —    |
| Daily, Winter (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | —    |
| Annual              | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | —    |

|       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

#### 4.9.2. Mitigated

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

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

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

## 4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

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

#### 4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

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

## 5. Activity Data

### 5.1. Construction Schedule

| Phase Name            | Phase Type            | Start Date | End Date  | Days Per Week | Work Days per Phase | Phase Description |
|-----------------------|-----------------------|------------|-----------|---------------|---------------------|-------------------|
| Site Preparation      | Site Preparation      | 6/1/2026   | 6/5/2026  | 5.00          | 5.00                | —                 |
| Grading               | Grading               | 6/8/2026   | 7/10/2026 | 5.00          | 25.0                | —                 |
| Building Construction | Building Construction | 7/13/2026  | 4/16/2027 | 5.00          | 200                 | —                 |
| Paving                | Paving                | 4/19/2027  | 5/7/2027  | 5.00          | 15.0                | —                 |
| Architectural Coating | Architectural Coating | 5/10/2027  | 5/28/2027 | 5.00          | 15.0                | —                 |

### 5.2. Off-Road Equipment

#### 5.2.1. Unmitigated

| Phase Name            | Equipment Type             | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|-----------------------|----------------------------|-----------|-------------|----------------|---------------|------------|-------------|
| Site Preparation      | Rubber Tired Dozers        | Diesel    | Tier 2      | 3.00           | 8.00          | 367        | 0.40        |
| Site Preparation      | Tractors/Loaders/Back hoes | Diesel    | Tier 2      | 4.00           | 8.00          | 84.0       | 0.37        |
| Grading               | Excavators                 | Diesel    | Tier 2      | 1.00           | 8.00          | 36.0       | 0.38        |
| Grading               | Graders                    | Diesel    | Tier 2      | 1.00           | 8.00          | 148        | 0.41        |
| Grading               | Rubber Tired Dozers        | Diesel    | Tier 2      | 1.00           | 8.00          | 367        | 0.40        |
| Grading               | Tractors/Loaders/Back hoes | Diesel    | Tier 2      | 3.00           | 8.00          | 84.0       | 0.37        |
| Building Construction | Cranes                     | Diesel    | Tier 2      | 1.00           | 7.00          | 367        | 0.29        |
| Building Construction | Forklifts                  | Diesel    | Tier 2      | 3.00           | 8.00          | 82.0       | 0.20        |
| Building Construction | Generator Sets             | Diesel    | Tier 2      | 1.00           | 8.00          | 14.0       | 0.74        |
| Building Construction | Tractors/Loaders/Back hoes | Diesel    | Tier 2      | 3.00           | 7.00          | 84.0       | 0.37        |
| Building Construction | Welders                    | Diesel    | Tier 2      | 1.00           | 8.00          | 46.0       | 0.45        |
| Paving                | Pavers                     | Diesel    | Tier 2      | 2.00           | 8.00          | 81.0       | 0.42        |

|                       |                  |        |        |      |      |      |      |
|-----------------------|------------------|--------|--------|------|------|------|------|
| Paving                | Paving Equipment | Diesel | Tier 2 | 2.00 | 8.00 | 89.0 | 0.36 |
| Paving                | Rollers          | Diesel | Tier 2 | 2.00 | 8.00 | 36.0 | 0.38 |
| Architectural Coating | Air Compressors  | Diesel | Tier 2 | 1.00 | 6.00 | 37.0 | 0.48 |

### 5.2.2. Mitigated

| Phase Name            | Equipment Type             | Fuel Type | Engine Tier  | Number per Day | Hours Per Day | Horsepower | Load Factor |
|-----------------------|----------------------------|-----------|--------------|----------------|---------------|------------|-------------|
| Site Preparation      | Rubber Tired Dozers        | Diesel    | Tier 4 Final | 3.00           | 8.00          | 367        | 0.40        |
| Site Preparation      | Tractors/Loaders/Back hoes | Diesel    | Tier 4 Final | 4.00           | 8.00          | 84.0       | 0.37        |
| Grading               | Excavators                 | Diesel    | Tier 4 Final | 1.00           | 8.00          | 36.0       | 0.38        |
| Grading               | Graders                    | Diesel    | Tier 4 Final | 1.00           | 8.00          | 148        | 0.41        |
| Grading               | Rubber Tired Dozers        | Diesel    | Tier 4 Final | 1.00           | 8.00          | 367        | 0.40        |
| Grading               | Tractors/Loaders/Back hoes | Diesel    | Tier 4 Final | 3.00           | 8.00          | 84.0       | 0.37        |
| Building Construction | Cranes                     | Diesel    | Tier 4 Final | 1.00           | 7.00          | 367        | 0.29        |
| Building Construction | Forklifts                  | Diesel    | Tier 4 Final | 3.00           | 8.00          | 82.0       | 0.20        |
| Building Construction | Generator Sets             | Diesel    | Tier 2       | 1.00           | 8.00          | 14.0       | 0.74        |
| Building Construction | Tractors/Loaders/Back hoes | Diesel    | Tier 4 Final | 3.00           | 7.00          | 84.0       | 0.37        |
| Building Construction | Welders                    | Diesel    | Tier 4 Final | 1.00           | 8.00          | 46.0       | 0.45        |
| Paving                | Pavers                     | Diesel    | Tier 4 Final | 2.00           | 8.00          | 81.0       | 0.42        |
| Paving                | Paving Equipment           | Diesel    | Tier 4 Final | 2.00           | 8.00          | 89.0       | 0.36        |
| Paving                | Rollers                    | Diesel    | Tier 4 Final | 2.00           | 8.00          | 36.0       | 0.38        |
| Architectural Coating | Air Compressors            | Diesel    | Tier 4 Final | 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 | 11.7 | LDA,LDT1,LDT2 |
| Site Preparation      | Vendor       | —    | 8.40 | HHDT,MHDT     |
| Site Preparation      | Hauling      | 0.00 | 20.0 | HHDT          |
| Site Preparation      | Onsite truck | —    | —    | HHDT          |
| Grading               | —            | —    | —    | —             |
| Grading               | Worker       | 15.0 | 11.7 | LDA,LDT1,LDT2 |
| Grading               | Vendor       | —    | 8.40 | HHDT,MHDT     |
| Grading               | Hauling      | 3.00 | 20.0 | HHDT          |
| Grading               | Onsite truck | —    | —    | HHDT          |
| Building Construction | —            | —    | —    | —             |
| Building Construction | Worker       | 18.4 | 11.7 | LDA,LDT1,LDT2 |
| Building Construction | Vendor       | 5.45 | 8.40 | HHDT,MHDT     |
| Building Construction | Hauling      | 0.00 | 20.0 | HHDT          |
| Building Construction | Onsite truck | —    | —    | HHDT          |
| Paving                | —            | —    | —    | —             |
| Paving                | Worker       | 15.0 | 11.7 | LDA,LDT1,LDT2 |
| Paving                | Vendor       | —    | 8.40 | HHDT,MHDT     |
| Paving                | Hauling      | 0.00 | 20.0 | HHDT          |
| Paving                | Onsite truck | —    | —    | HHDT          |
| Architectural Coating | —            | —    | —    | —             |
| Architectural Coating | Worker       | 3.67 | 11.7 | LDA,LDT1,LDT2 |
| Architectural Coating | Vendor       | —    | 8.40 | HHDT,MHDT     |
| Architectural Coating | Hauling      | 0.00 | 20.0 | HHDT          |
| Architectural Coating | Onsite truck | —    | —    | HHDT          |

## 5.3.2. Mitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|------------|-----------|-----------------------|----------------|-------------|
|------------|-----------|-----------------------|----------------|-------------|

|                       |              |      |      |               |
|-----------------------|--------------|------|------|---------------|
| Site Preparation      | —            | —    | —    | —             |
| Site Preparation      | Worker       | 17.5 | 11.7 | LDA,LDT1,LDT2 |
| Site Preparation      | Vendor       | —    | 8.40 | HHDT,MHDT     |
| Site Preparation      | Hauling      | 0.00 | 20.0 | HHDT          |
| Site Preparation      | Onsite truck | —    | —    | HHDT          |
| Grading               | —            | —    | —    | —             |
| Grading               | Worker       | 15.0 | 11.7 | LDA,LDT1,LDT2 |
| Grading               | Vendor       | —    | 8.40 | HHDT,MHDT     |
| Grading               | Hauling      | 3.00 | 20.0 | HHDT          |
| Grading               | Onsite truck | —    | —    | HHDT          |
| Building Construction | —            | —    | —    | —             |
| Building Construction | Worker       | 18.4 | 11.7 | LDA,LDT1,LDT2 |
| Building Construction | Vendor       | 5.45 | 8.40 | HHDT,MHDT     |
| Building Construction | Hauling      | 0.00 | 20.0 | HHDT          |
| Building Construction | Onsite truck | —    | —    | HHDT          |
| Paving                | —            | —    | —    | —             |
| Paving                | Worker       | 15.0 | 11.7 | LDA,LDT1,LDT2 |
| Paving                | Vendor       | —    | 8.40 | HHDT,MHDT     |
| Paving                | Hauling      | 0.00 | 20.0 | HHDT          |
| Paving                | Onsite truck | —    | —    | HHDT          |
| Architectural Coating | —            | —    | —    | —             |
| Architectural Coating | Worker       | 3.67 | 11.7 | LDA,LDT1,LDT2 |
| Architectural Coating | Vendor       | —    | 8.40 | HHDT,MHDT     |
| Architectural Coating | Hauling      | 0.00 | 20.0 | HHDT          |
| Architectural Coating | Onsite truck | —    | —    | HHDT          |

## 5.4. Vehicles

### 5.4.1. Construction Vehicle Control Strategies

| Control Strategies Applied                      | PM10 Reduction | PM2.5 Reduction |
|-------------------------------------------------|----------------|-----------------|
| Water unpaved roads twice daily                 | 55%            | 55%             |
| Limit vehicle speeds on unpaved roads to 25 mph | 44%            | 44%             |
| Sweep paved roads once per month                | 9%             | 9%              |

## 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 | 201,386                                  | 67,129                                   | 0.00                                         | 0.00                                         | —                           |

## 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 | —                      | —                      | 7.50                 | 0.00                          | —                   |
| Grading          | 59,300                 | 58,700                 | 25.0                 | 0.00                          | —                   |
| Paving           | 0.00                   | 0.00                   | 0.00                 | 0.00                          | 0.56                |

### 5.6.2. Construction Earthmoving Control Strategies

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

## 5.7. Construction Paving

| Land Use | Area Paved (acres) | % Asphalt |
|----------|--------------------|-----------|
|----------|--------------------|-----------|

|                       |      |    |
|-----------------------|------|----|
| Single Family Housing | 0.56 | 0% |
|-----------------------|------|----|

## 5.8. Construction Electricity Consumption and Emissions Factors

### kWh per Year and Emission Factor (lb/MWh)

| Year | kWh per Year | CO2 | CH4  | N2O     |
|------|--------------|-----|------|---------|
| 2026 | 0.00         | 204 | 0.03 | < 0.005 |
| 2027 | 0.00         | 204 | 0.03 | < 0.005 |

## 5.9. Operational Mobile Sources

### 5.9.1. Unmitigated

| Land Use Type         | Trips/Weekday | Trips/Saturday | Trips/Sunday | Trips/Year | VM/Weekday | VM/Saturday | VM/Sunday | VM/Year   |
|-----------------------|---------------|----------------|--------------|------------|------------|-------------|-----------|-----------|
| Single Family Housing | 481           | 481            | 481          | 175,539    | 5,200      | 5,200       | 5,200     | 1,897,969 |

### 5.9.2. Mitigated

| Land Use Type         | Trips/Weekday | Trips/Saturday | Trips/Sunday | Trips/Year | VM/Weekday | VM/Saturday | VM/Sunday | VM/Year   |
|-----------------------|---------------|----------------|--------------|------------|------------|-------------|-----------|-----------|
| Single Family Housing | 481           | 481            | 481          | 175,539    | 5,200      | 5,200       | 5,200     | 1,897,969 |

## 5.10. Operational Area Sources

### 5.10.1. Hearths

#### 5.10.1.1. Unmitigated

| Hearth Type           | Unmitigated (number) |
|-----------------------|----------------------|
| Single Family Housing | —                    |
| Wood Fireplaces       | 0                    |

|                           |    |
|---------------------------|----|
| Gas Fireplaces            | 10 |
| Propane Fireplaces        | 0  |
| Electric Fireplaces       | 0  |
| No Fireplaces             | 41 |
| Conventional Wood Stoves  | 0  |
| Catalytic Wood Stoves     | 0  |
| Non-Catalytic Wood Stoves | 0  |
| Pellet Wood Stoves        | 0  |

#### 5.10.1.2. Mitigated

| Hearth Type               | Unmitigated (number) |
|---------------------------|----------------------|
| Single Family Housing     | —                    |
| Wood Fireplaces           | 0                    |
| Gas Fireplaces            | 10                   |
| Propane Fireplaces        | 0                    |
| Electric Fireplaces       | 0                    |
| No Fireplaces             | 41                   |
| Conventional Wood Stoves  | 0                    |
| Catalytic Wood Stoves     | 0                    |
| Non-Catalytic Wood Stoves | 0                    |
| Pellet Wood Stoves        | 0                    |

#### 5.10.2. Architectural Coatings

| Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|------------------------------------------|------------------------------------------|----------------------------------------------|----------------------------------------------|-----------------------------|
| 201386.25                                | 67,129                                   | 0.00                                         | 0.00                                         | —                           |

#### 5.10.3. Landscape Equipment

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

#### 5.10.4. Landscape Equipment - Mitigated

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

### 5.11. Operational Energy Consumption

#### 5.11.1. Unmitigated

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

| Land Use              | Electricity (kWh/yr) | CO2 | CH4    | N2O    | Natural Gas (kBTU/yr) |
|-----------------------|----------------------|-----|--------|--------|-----------------------|
| Single Family Housing | 434,811              | 204 | 0.0330 | 0.0040 | 1,483,591             |

#### 5.11.2. Mitigated

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

| Land Use              | Electricity (kWh/yr) | CO2 | CH4    | N2O    | Natural Gas (kBTU/yr) |
|-----------------------|----------------------|-----|--------|--------|-----------------------|
| Single Family Housing | 434,811              | 204 | 0.0330 | 0.0040 | 1,483,591             |

### 5.12. Operational Water and Wastewater Consumption

#### 5.12.1. Unmitigated

| Land Use              | Indoor Water (gal/year) | Outdoor Water (gal/year) |
|-----------------------|-------------------------|--------------------------|
| Single Family Housing | 1,811,053               | 2,311,155                |

## 5.12.2. Mitigated

| Land Use              | Indoor Water (gal/year) | Outdoor Water (gal/year) |
|-----------------------|-------------------------|--------------------------|
| Single Family Housing | 1,811,053               | 2,311,155                |

## 5.13. Operational Waste Generation

## 5.13.1. Unmitigated

| Land Use              | Waste (ton/year) | Cogeneration (kWh/year) |
|-----------------------|------------------|-------------------------|
| Single Family Housing | 34.7             | —                       |

## 5.13.2. Mitigated

| Land Use              | Waste (ton/year) | Cogeneration (kWh/year) |
|-----------------------|------------------|-------------------------|
| Single Family Housing | 34.7             | —                       |

## 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           |

## 5.14.2. Mitigated

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

### 5.15.2. Mitigated

| 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 |
|---------------------|-----------|----------------|---------------|----------------|------------|-------------|
| Emergency Generator | Diesel    | 1.00           | 0.14          | 50.0           | 500        | 0.73        |

### 5.16.2. Process Boilers

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

## 5.17. User Defined

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

## 5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

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

5.18.1.2. Mitigated

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

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

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

5.18.1.2. Mitigated

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

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

8. User Changes to Default Data

| Screen | Justification |
|--------|---------------|
|--------|---------------|

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Land Use                          | The proposed project would result in the subdivision of the 20.13-acre site, of which approximately 10 acres would be developed, while the remaining acreage would be retained as open space. The residential portion of the proposed project would include 51 residential lots, passive park use, and related infrastructure improvements. The proposed project would also include 3.55 acres of common open space. |
| Construction: Construction Phases | Construction of the proposed project is anticipated to begin in June 2026 and would occur over an approximately 1-year period.                                                                                                                                                                                                                                                                                       |
| Construction: Off-Road Equipment  | Assuming the use of Tier 2 construction equipment.                                                                                                                                                                                                                                                                                                                                                                   |
| Construction: Trips and VMT       | It is anticipated that 58,700 cubic yards of soil would be cut and 59,300 cubic yards would be used for fill, resulting in a total soil import of 600 cubic yards.                                                                                                                                                                                                                                                   |
| Operations: Vehicle Data          | The proposed project would generate approximately 481 average daily trips.                                                                                                                                                                                                                                                                                                                                           |



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