

## Appendices

# **Appendix D      Air Quality and Greenhouse Gas Emissions Data**

## Appendices

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# **Air Quality and Greenhouse Gas Appendix**

# **Emissions Worksheet**

## Regional Construction Emissions Worksheet:

| Phase 1                                       |                    |             |             |             |                 |             |             |
|-----------------------------------------------|--------------------|-------------|-------------|-------------|-----------------|-------------|-------------|
| Phase 1 Asphalt Demolition (2023)             |                    |             |             |             |                 |             |             |
|                                               |                    | ROG         | NOx         | CO          | SO <sub>2</sub> | PM10 Total  | PM2.5Total  |
| Onsite                                        |                    | Summer      |             |             |                 |             |             |
|                                               | Off-Road Equipment | 0.31        | 2.99        | 4.01        | 0.01            | 0.17        | 0.15        |
|                                               | Demolition         | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | <b>Total</b>       | <b>0.31</b> | <b>2.99</b> | <b>4.01</b> | <b>0.01</b>     | <b>0.17</b> | <b>0.15</b> |
| Offsite                                       |                    |             |             |             |                 |             |             |
|                                               | Worker             | 0.04        | 0.04        | 0.61        | 0.00            | 0.01        | 0.00        |
|                                               | Vendor             | 0.01        | 0.16        | 0.08        | 0.01            | 0.01        | 0.01        |
|                                               | Hauling            | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | <b>Total</b>       | <b>0.05</b> | <b>0.20</b> | <b>0.69</b> | <b>0.01</b>     | <b>0.02</b> | <b>0.01</b> |
| <b>TOTAL</b>                                  |                    | <b>0.36</b> | <b>3.19</b> | <b>4.70</b> | <b>0.02</b>     | <b>0.19</b> | <b>0.16</b> |
| Onsite                                        |                    | Winter      |             |             |                 |             |             |
|                                               | Off-Road Equipment | 0.02        | 0.24        | 0.32        | 0.01            | 0.01        | 0.01        |
|                                               | Demolition         | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | <b>Total</b>       | <b>0.02</b> | <b>0.24</b> | <b>0.32</b> | <b>0.01</b>     | <b>0.01</b> | <b>0.01</b> |
| Offsite                                       |                    |             |             |             |                 |             |             |
|                                               | Worker             | 0.01        | 0.01        | 0.04        | 0.00            | 0.01        | 0.00        |
|                                               | Vendor             | 0.01        | 0.01        | 0.01        | 0.01            | 0.01        | 0.01        |
|                                               | Hauling            | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | <b>Total</b>       | <b>0.01</b> | <b>0.02</b> | <b>0.05</b> | <b>0.01</b>     | <b>0.01</b> | <b>0.01</b> |
| <b>TOTAL</b>                                  |                    | <b>0.03</b> | <b>0.26</b> | <b>0.37</b> | <b>0.01</b>     | <b>0.02</b> | <b>0.02</b> |
| Onsite                                        |                    |             |             |             |                 |             |             |
|                                               | Off-Road           | 0.31        | 2.99        | 4.01        | 0.01            | 0.17        | 0.15        |
|                                               | Demolition         | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | <b>Total</b>       | <b>0.31</b> | <b>2.99</b> | <b>4.01</b> | <b>0.01</b>     | <b>0.17</b> | <b>0.15</b> |
| Offsite                                       |                    |             |             |             |                 |             |             |
|                                               | Worker             | 0.04        | 0.04        | 0.61        | 0.00            | 0.01        | 0.00        |
|                                               | Vendor             | 0.01        | 0.16        | 0.08        | 0.01            | 0.01        | 0.01        |
|                                               | Hauling            | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | <b>Total</b>       | <b>0.05</b> | <b>0.20</b> | <b>0.69</b> | <b>0.01</b>     | <b>0.02</b> | <b>0.01</b> |
| <b>TOTAL</b>                                  |                    | <b>0.36</b> | <b>3.19</b> | <b>4.70</b> | <b>0.02</b>     | <b>0.19</b> | <b>0.16</b> |
| Phase 1 Asphalt Demolition Debris Haul (2023) |                    |             |             |             |                 |             |             |
|                                               |                    | ROG         | NOx         | CO          | SO <sub>2</sub> | PM10 Total  | PM2.5Total  |
| Onsite                                        |                    | Summer      |             |             |                 |             |             |
|                                               | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | Demolition         | 0.00        | 0.00        | 0.00        | 0.00            | 0.02        | 0.01        |
|                                               | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.02</b> | <b>0.01</b> |
| Offsite                                       |                    |             |             |             |                 |             |             |
|                                               | Worker             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | Vendor             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | Hauling            | 0.01        | 0.09        | 0.03        | 0.01            | 0.01        | 0.01        |
|                                               | <b>Total</b>       | <b>0.01</b> | <b>0.09</b> | <b>0.03</b> | <b>0.01</b>     | <b>0.01</b> | <b>0.01</b> |
| <b>TOTAL</b>                                  |                    | <b>0.01</b> | <b>0.09</b> | <b>0.03</b> | <b>0.01</b>     | <b>0.03</b> | <b>0.01</b> |
| Onsite                                        |                    | Winter      |             |             |                 |             |             |
|                                               | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | Demolition         | 0.00        | 0.00        | 0.00        | 0.00            | 0.01        | 0.01        |
|                                               | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.01</b> | <b>0.01</b> |
| Offsite                                       |                    |             |             |             |                 |             |             |
|                                               | Worker             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | Vendor             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | Hauling            | 0.01        | 0.01        | 0.01        | 0.01            | 0.01        | 0.01        |
|                                               | <b>Total</b>       | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b>     | <b>0.01</b> | <b>0.01</b> |
| <b>TOTAL</b>                                  |                    | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b>     | <b>0.01</b> | <b>0.01</b> |
| Onsite                                        |                    |             |             |             |                 |             |             |
|                                               | Off-Road           | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | Demolition         | 0.00        | 0.00        | 0.00        | 0.00            | 0.02        | 0.01        |
|                                               | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.02</b> | <b>0.01</b> |
| Offsite                                       |                    |             |             |             |                 |             |             |
|                                               | Worker             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | Vendor             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                               | Hauling            | 0.01        | 0.09        | 0.03        | 0.01            | 0.01        | 0.01        |
|                                               | <b>Total</b>       | <b>0.01</b> | <b>0.09</b> | <b>0.03</b> | <b>0.01</b>     | <b>0.01</b> | <b>0.01</b> |
| <b>TOTAL</b>                                  |                    | <b>0.01</b> | <b>0.09</b> | <b>0.03</b> | <b>0.01</b>     | <b>0.03</b> | <b>0.01</b> |

| Phase 1 Building Construction (2023) |                    |             |             |             |             |             |             |
|--------------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                                      |                    | ROG         | NOx         | CO          | SO2         | PM10 Total  | PM2.5 Total |
| Onsite                               |                    | Summer      |             |             |             |             |             |
|                                      | Off-Road Equipment | 0.58        | 5.93        | 7.00        | 0.01        | 0.28        | 0.26        |
|                                      | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>       | <b>0.58</b> | <b>5.93</b> | <b>7.00</b> | <b>0.01</b> | <b>0.28</b> | <b>0.26</b> |
| Offsite                              |                    |             |             |             |             |             |             |
|                                      | Worker             | 0.01        | 0.01        | 0.08        | 0.00        | 0.01        | 0.00        |
|                                      | Vendor             | 0.01        | 0.04        | 0.02        | 0.01        | 0.01        | 0.01        |
|                                      | Hauling            | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>       | <b>0.01</b> | <b>0.05</b> | <b>0.10</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| <b>TOTAL</b>                         |                    | <b>0.59</b> | <b>5.98</b> | <b>7.10</b> | <b>0.02</b> | <b>0.29</b> | <b>0.27</b> |
| Onsite                               |                    | Winter      |             |             |             |             |             |
|                                      | Off-Road Equipment | 0.58        | 5.93        | 7.00        | 0.01        | 0.28        | 0.26        |
|                                      | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>       | <b>0.58</b> | <b>5.93</b> | <b>7.00</b> | <b>0.01</b> | <b>0.28</b> | <b>0.26</b> |
| Offsite                              |                    |             |             |             |             |             |             |
|                                      | Worker             | 0.01        | 0.01        | 0.07        | 0.00        | 0.01        | 0.00        |
|                                      | Vendor             | 0.01        | 0.04        | 0.02        | 0.01        | 0.01        | 0.01        |
|                                      | Hauling            | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>       | <b>0.01</b> | <b>0.05</b> | <b>0.09</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| <b>TOTAL</b>                         |                    | <b>0.59</b> | <b>5.98</b> | <b>7.09</b> | <b>0.02</b> | <b>0.29</b> | <b>0.27</b> |
| Onsite                               |                    |             |             |             |             |             |             |
|                                      | Off-Road Equipment | 0.58        | 5.93        | 7.00        | 0.01        | 0.28        | 0.26        |
|                                      | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>       | <b>0.58</b> | <b>5.93</b> | <b>7.00</b> | <b>0.01</b> | <b>0.28</b> | <b>0.26</b> |
| Offsite                              |                    |             |             |             |             |             |             |
|                                      | Worker             | 0.01        | 0.01        | 0.08        | 0.00        | 0.01        | 0.00        |
|                                      | Vendor             | 0.01        | 0.04        | 0.02        | 0.01        | 0.01        | 0.01        |
|                                      | Hauling            | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>       | <b>0.01</b> | <b>0.05</b> | <b>0.10</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| <b>TOTAL</b>                         |                    | <b>0.59</b> | <b>5.98</b> | <b>7.10</b> | <b>0.02</b> | <b>0.29</b> | <b>0.27</b> |
| Phase 1 Building Construction (2024) |                    |             |             |             |             |             |             |
|                                      |                    | ROG         | NOx         | CO          | SO2         | PM10 Total  | PM2.5 Total |
| Onsite                               |                    | Summer      |             |             |             |             |             |
|                                      | Off-Road Equipment | 0.56        | 5.60        | 6.98        | 0.01        | 0.26        | 0.23        |
|                                      | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>       | <b>0.56</b> | <b>5.60</b> | <b>6.98</b> | <b>0.01</b> | <b>0.26</b> | <b>0.23</b> |
| Offsite                              |                    |             |             |             |             |             |             |
|                                      | Worker             | 0.01        | 0.01        | 0.08        | 0.00        | 0.01        | 0.00        |
|                                      | Vendor             | 0.01        | 0.04        | 0.02        | 0.01        | 0.01        | 0.01        |
|                                      | Hauling            | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>       | <b>0.01</b> | <b>0.05</b> | <b>0.10</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| <b>TOTAL</b>                         |                    | <b>0.57</b> | <b>5.65</b> | <b>7.08</b> | <b>0.02</b> | <b>0.27</b> | <b>0.24</b> |
| Onsite                               |                    | Winter      |             |             |             |             |             |
|                                      | Off-Road Equipment | 0.56        | 5.60        | 6.98        | 0.01        | 0.26        | 0.23        |
|                                      | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>       | <b>0.56</b> | <b>5.60</b> | <b>6.98</b> | <b>0.01</b> | <b>0.26</b> | <b>0.23</b> |
| Offsite                              |                    |             |             |             |             |             |             |
|                                      | Worker             | 0.01        | 0.01        | 0.06        | 0.00        | 0.01        | 0.00        |
|                                      | Vendor             | 0.01        | 0.04        | 0.02        | 0.01        | 0.01        | 0.01        |
|                                      | Hauling            | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>       | <b>0.01</b> | <b>0.05</b> | <b>0.08</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| <b>TOTAL</b>                         |                    | <b>0.57</b> | <b>5.65</b> | <b>7.06</b> | <b>0.02</b> | <b>0.27</b> | <b>0.24</b> |
| Onsite                               |                    |             |             |             |             |             |             |
|                                      | Off-Road Equipment | 0.56        | 5.60        | 6.98        | 0.01        | 0.26        | 0.23        |
|                                      | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>       | <b>0.56</b> | <b>5.60</b> | <b>6.98</b> | <b>0.01</b> | <b>0.26</b> | <b>0.23</b> |
| Offsite                              |                    |             |             |             |             |             |             |
|                                      | Worker             | 0.01        | 0.01        | 0.08        | 0.00        | 0.01        | 0.00        |
|                                      | Vendor             | 0.01        | 0.04        | 0.02        | 0.01        | 0.01        | 0.01        |
|                                      | Hauling            | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>       | <b>0.01</b> | <b>0.05</b> | <b>0.10</b> | <b>0.01</b> | <b>0.01</b> | <b>0.01</b> |
| <b>TOTAL</b>                         |                    | <b>0.57</b> | <b>5.65</b> | <b>7.08</b> | <b>0.02</b> | <b>0.27</b> | <b>0.24</b> |

| Phase 1 Architectural Coating (2024) |                        |        |      |      |      |            |             |
|--------------------------------------|------------------------|--------|------|------|------|------------|-------------|
|                                      |                        | ROG    | NOx  | CO   | SO2  | PM10 Total | PM2.5 Total |
| Onsite                               |                        | Summer |      |      |      |            |             |
|                                      | Off-Road Equipment     | 0.14   | 0.91 | 1.15 | 0.01 | 0.03       | 0.03        |
|                                      | Architectural Coatings | 3.61   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
|                                      | Onsite truck           | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
|                                      | Total                  | 3.75   | 0.91 | 1.15 | 0.01 | 0.03       | 0.03        |
| Offsite                              |                        |        |      |      |      |            |             |
|                                      | Worker                 | 0.01   | 0.01 | 0.08 | 0.00 | 0.01       | 0.00        |
|                                      | Vendor                 | 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        |
|                                      | Total                  | 0.01   | 0.01 | 0.08 | 0.00 | 0.01       | 0.00        |
| TOTAL                                |                        | 3.76   | 0.92 | 1.23 | 0.01 | 0.04       | 0.03        |
| Onsite                               |                        | Winter |      |      |      |            |             |
|                                      | Off-Road Equipment     | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
|                                      | Architectural Coatings | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
|                                      | Onsite truck           | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
|                                      | Total                  | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
| Offsite                              |                        |        |      |      |      |            |             |
|                                      | Worker                 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
|                                      | Vendor                 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
|                                      | Hauling                | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
|                                      | Total                  | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
| TOTAL                                |                        | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
| Onsite                               |                        |        |      |      |      |            |             |
|                                      | Off-Road Equipment     | 0.14   | 0.91 | 1.15 | 0.01 | 0.03       | 0.03        |
|                                      | Architectural Coatings | 3.61   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
|                                      | Onsite truck           | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
|                                      | Total                  | 3.75   | 0.91 | 1.15 | 0.01 | 0.03       | 0.03        |
| Offsite                              |                        |        |      |      |      |            |             |
|                                      | Worker                 | 0.01   | 0.01 | 0.08 | 0.00 | 0.01       | 0.00        |
|                                      | Vendor                 | 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        |
|                                      | Total                  | 0.01   | 0.01 | 0.08 | 0.00 | 0.01       | 0.00        |
| TOTAL                                |                        | 3.76   | 0.92 | 1.23 | 0.01 | 0.04       | 0.03        |
| Phase 1 Utilities Trenching (2023)   |                        |        |      |      |      |            |             |
|                                      |                        | ROG    | NOx  | CO   | SO2  | PM10 Total | PM2.5 Total |
| Onsite                               |                        | Summer |      |      |      |            |             |
|                                      | Off-Road Equipment     | 0.24   | 2.40 | 3.83 | 0.01 | 0.11       | 0.10        |
|                                      | Onsite truck           | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
|                                      | Total                  | 0.24   | 2.40 | 3.83 | 0.01 | 0.11       | 0.10        |
| Offsite                              |                        |        |      |      |      |            |             |
|                                      | Worker                 | 0.02   | 0.02 | 0.38 | 0.00 | 0.01       | 0.00        |
|                                      | Vendor                 | 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        |
|                                      | Total                  | 0.02   | 0.02 | 0.38 | 0.00 | 0.01       | 0.00        |
| TOTAL                                |                        | 0.26   | 2.42 | 4.21 | 0.01 | 0.12       | 0.10        |
| Onsite                               |                        | Winter |      |      |      |            |             |
|                                      | Off-Road Equipment     | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
|                                      | Onsite truck           | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
|                                      | Total                  | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
| Offsite                              |                        |        |      |      |      |            |             |
|                                      | Worker                 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
|                                      | Vendor                 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
|                                      | Hauling                | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
|                                      | Total                  | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
| TOTAL                                |                        | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
| Onsite                               |                        |        |      |      |      |            |             |
|                                      | Off-Road Equipment     | 0.24   | 2.40 | 3.83 | 0.01 | 0.11       | 0.10        |
|                                      | Onsite truck           | 0.00   | 0.00 | 0.00 | 0.00 | 0.00       | 0.00        |
|                                      | Total                  | 0.24   | 2.40 | 3.83 | 0.01 | 0.11       | 0.10        |
| Offsite                              |                        |        |      |      |      |            |             |
|                                      | Worker                 | 0.02   | 0.02 | 0.38 | 0.00 | 0.01       | 0.00        |
|                                      | Vendor                 | 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        |
|                                      | Total                  | 0.02   | 0.02 | 0.38 | 0.00 | 0.01       | 0.00        |
| TOTAL                                |                        | 0.26   | 2.42 | 4.21 | 0.01 | 0.12       | 0.10        |

| Phase 1 Finishing/Landscaping (2024) |                    |               |             |             |             |             |             |
|--------------------------------------|--------------------|---------------|-------------|-------------|-------------|-------------|-------------|
|                                      |                    | ROG           | NOx         | CO          | SO2         | PM10 Total  | PM2.5 Total |
| Onsite                               |                    | <b>Summer</b> |             |             |             |             |             |
|                                      | Off-Road Equipment | 0.24          | 2.40        | 3.83        | 0.01        | 0.11        | 0.10        |
|                                      | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>       | <b>0.24</b>   | <b>2.40</b> | <b>3.83</b> | <b>0.01</b> | <b>0.11</b> | <b>0.10</b> |
| Offsite                              |                    |               |             |             |             |             |             |
|                                      | Worker             | 0.02          | 0.02        | 0.38        | 0.00        | 0.01        | 0.00        |
|                                      | Vendor             | 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        |
|                                      | <b>Total</b>       | <b>0.02</b>   | <b>0.02</b> | <b>0.38</b> | <b>0.00</b> | <b>0.01</b> | <b>0.00</b> |
| <b>TOTAL</b>                         |                    | <b>0.26</b>   | <b>2.42</b> | <b>4.21</b> | <b>0.01</b> | <b>0.12</b> | <b>0.10</b> |
| Onsite                               |                    | <b>Winter</b> |             |             |             |             |             |
|                                      | Off-Road Equipment | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Offsite                              |                    |               |             |             |             |             |             |
|                                      | Worker             | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | Vendor             | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | Hauling            | 0.01          | 0.01        | 0.01        | 0.00        | 0.01        | 0.00        |
|                                      | <b>Total</b>       | <b>0.01</b>   | <b>0.01</b> | <b>0.01</b> | <b>0.00</b> | <b>0.01</b> | <b>0.00</b> |
| <b>TOTAL</b>                         |                    | <b>0.01</b>   | <b>0.01</b> | <b>0.01</b> | <b>0.00</b> | <b>0.01</b> | <b>0.00</b> |
| Onsite                               |                    |               |             |             |             |             |             |
|                                      | Off-Road Equipment | 0.24          | 2.40        | 3.83        | 0.01        | 0.11        | 0.10        |
|                                      | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>       | <b>0.24</b>   | <b>2.40</b> | <b>3.83</b> | <b>0.01</b> | <b>0.11</b> | <b>0.10</b> |
| Offsite                              |                    |               |             |             |             |             |             |
|                                      | Worker             | 0.02          | 0.02        | 0.38        | 0.00        | 0.01        | 0.00        |
|                                      | Vendor             | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | Hauling            | 0.01          | 0.01        | 0.01        | 0.00        | 0.01        | 0.00        |
|                                      | <b>Total</b>       | <b>0.02</b>   | <b>0.02</b> | <b>0.38</b> | <b>0.00</b> | <b>0.01</b> | <b>0.00</b> |
| <b>TOTAL</b>                         |                    | <b>0.26</b>   | <b>2.42</b> | <b>4.21</b> | <b>0.01</b> | <b>0.12</b> | <b>0.10</b> |

## Phase 2

| 3.2. Phase 2 Building Demolition (2025) |                    |               |             |             |                 |             |             |
|-----------------------------------------|--------------------|---------------|-------------|-------------|-----------------|-------------|-------------|
|                                         |                    | ROG           | NOx         | CO          | SO <sub>2</sub> | PM10 Total  | PM2.5Total  |
| Onsite                                  |                    | <b>Summer</b> |             |             |                 |             |             |
|                                         | Off-Road Equipment | 0.39          | 4.30        | 7.00        | 0.01            | 0.17        | 0.16        |
|                                         | Demolition         | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                         | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                         | <b>Total</b>       | <b>0.39</b>   | <b>4.30</b> | <b>7.00</b> | <b>0.01</b>     | <b>0.17</b> | <b>0.16</b> |
| Offsite                                 |                    |               |             |             |                 |             |             |
|                                         | Worker             | 0.05          | 0.05        | 0.87        | 0.00            | 0.16        | 0.04        |
|                                         | Vendor             | 0.01          | 0.29        | 0.14        | 0.01            | 0.07        | 0.02        |
|                                         | Hauling            | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                         | <b>Total</b>       | <b>0.06</b>   | <b>0.34</b> | <b>1.01</b> | <b>0.01</b>     | <b>0.23</b> | <b>0.06</b> |
| <b>TOTAL</b>                            |                    | <b>0.45</b>   | <b>4.64</b> | <b>8.01</b> | <b>0.02</b>     | <b>0.40</b> | <b>0.22</b> |
| Onsite                                  |                    | <b>Winter</b> |             |             |                 |             |             |
|                                         | Off-Road Equipment | 0.04          | 0.42        | 0.69        | 0.01            | 0.02        | 0.02        |
|                                         | Demolition         | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                         | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                         | <b>Total</b>       | <b>0.04</b>   | <b>0.42</b> | <b>0.69</b> | <b>0.01</b>     | <b>0.02</b> | <b>0.02</b> |
| Offsite                                 |                    |               |             |             |                 |             |             |
|                                         | Worker             | 0.01          | 0.01        | 0.08        | 0.00            | 0.02        | 0.01        |
|                                         | Vendor             | 0.01          | 0.03        | 0.01        | 0.01            | 0.01        | 0.01        |
|                                         | Hauling            | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                         | <b>Total</b>       | <b>0.02</b>   | <b>0.04</b> | <b>0.09</b> | <b>0.01</b>     | <b>0.03</b> | <b>0.01</b> |
| <b>TOTAL</b>                            |                    | <b>0.06</b>   | <b>0.46</b> | <b>0.78</b> | <b>0.01</b>     | <b>0.05</b> | <b>0.03</b> |
| Onsite                                  |                    |               |             |             |                 |             |             |
|                                         | Off-Road           | 0.39          | 4.30        | 7.00        | 0.01            | 0.17        | 0.16        |
|                                         | Demolition         | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                         | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                         | <b>Total</b>       | <b>0.39</b>   | <b>4.30</b> | <b>7.00</b> | <b>0.01</b>     | <b>0.17</b> | <b>0.16</b> |
| Offsite                                 |                    |               |             |             |                 |             |             |
|                                         | Worker             | 0.05          | 0.05        | 0.87        | 0.00            | 0.16        | 0.04        |
|                                         | Vendor             | 0.01          | 0.29        | 0.14        | 0.01            | 0.07        | 0.02        |
|                                         | Hauling            | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|                                         | <b>Total</b>       | <b>0.06</b>   | <b>0.34</b> | <b>1.01</b> | <b>0.01</b>     | <b>0.23</b> | <b>0.06</b> |
| <b>TOTAL</b>                            |                    | <b>0.45</b>   | <b>4.64</b> | <b>8.01</b> | <b>0.02</b>     | <b>0.40</b> | <b>0.22</b> |

### 3.3. Building Demolition Debris Hauling (2025)

|              |                    | ROG         | NOx         | CO          | SO <sub>2</sub> | PM10 Total  | PM2.5Total  |
|--------------|--------------------|-------------|-------------|-------------|-----------------|-------------|-------------|
| Onsite       |                    | Summer      |             |             |                 |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00            | 0.27        | 0.04        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.27</b> | <b>0.04</b> |
| Offsite      |                    |             |             |             |                 |             |             |
|              | Worker             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.27</b> | <b>0.04</b> |
| Onsite       |                    | Winter      |             |             |                 |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Offsite      |                    |             |             |             |                 |             |             |
|              | Worker             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |                 |             |             |
|              | Off-Road           | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00            | 0.27        | 0.04        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.27</b> | <b>0.04</b> |
| Offsite      |                    |             |             |             |                 |             |             |
|              | Worker             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.27</b> | <b>0.04</b> |

### 3.5. Phase 2 Asphalt Demolition (2025)

|              |                    | ROG         | NOx         | CO          | SO <sub>2</sub> | PM10 Total  | PM2.5Total  |
|--------------|--------------------|-------------|-------------|-------------|-----------------|-------------|-------------|
| Onsite       |                    | Summer      |             |             |                 |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Offsite      |                    |             |             |             |                 |             |             |
|              | Worker             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    | Winter      |             |             |                 |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Offsite      |                    |             |             |             |                 |             |             |
|              | Worker             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |                 |             |             |
|              | Off-Road           | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Offsite      |                    |             |             |             |                 |             |             |
|              | Worker             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |

### 3.7. Phase 2 Asphalt Demolition Debris Haul (2025)

|              |                    | ROG           | NOx         | CO          | SO <sub>2</sub> | PM10 Total  | PM2.5Total  |
|--------------|--------------------|---------------|-------------|-------------|-----------------|-------------|-------------|
| Onsite       |                    | <b>Summer</b> |             |             |                 |             |             |
|              | Off-Road Equipment | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00          | 0.00        | 0.00        | 0.00            | 0.58        | 0.09        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.58</b> | <b>0.09</b> |
| Offsite      |                    |               |             |             |                 |             |             |
|              | Worker             | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.01          | 0.43        | 0.17        | 0.01            | 0.10        | 0.03        |
|              | <b>Total</b>       | <b>0.01</b>   | <b>0.43</b> | <b>0.17</b> | <b>0.01</b>     | <b>0.10</b> | <b>0.03</b> |
| <b>TOTAL</b> |                    | <b>0.01</b>   | <b>0.43</b> | <b>0.17</b> | <b>0.01</b>     | <b>0.68</b> | <b>0.12</b> |
| Onsite       |                    | <b>Winter</b> |             |             |                 |             |             |
|              | Off-Road Equipment | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Offsite      |                    |               |             |             |                 |             |             |
|              | Worker             | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |               |             |             |                 |             |             |
|              | Off-Road           | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00          | 0.00        | 0.00        | 0.00            | 0.58        | 0.09        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.58</b> | <b>0.09</b> |
| Offsite      |                    |               |             |             |                 |             |             |
|              | Worker             | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.01          | 0.43        | 0.17        | 0.01            | 0.10        | 0.03        |
|              | <b>Total</b>       | <b>0.01</b>   | <b>0.43</b> | <b>0.17</b> | <b>0.01</b>     | <b>0.10</b> | <b>0.03</b> |
| <b>TOTAL</b> |                    | <b>0.01</b>   | <b>0.43</b> | <b>0.17</b> | <b>0.01</b>     | <b>0.68</b> | <b>0.12</b> |

### 3.9. Phase 2 Site Preparation (2025)

|              |                    | ROG           | NOx         | CO          | SO <sub>2</sub> | PM10 Total  | PM2.5 Total |
|--------------|--------------------|---------------|-------------|-------------|-----------------|-------------|-------------|
| Onsite       |                    | <b>Summer</b> |             |             |                 |             |             |
|              | Off-Road Equipment | 0.57          | 5.29        | 8.63        | 0.01            | 0.21        | 0.19        |
|              | Demolition         | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.57</b>   | <b>5.29</b> | <b>8.63</b> | <b>0.01</b>     | <b>0.21</b> | <b>0.19</b> |
| Offsite      |                    |               |             |             |                 |             |             |
|              | Worker             | 0.05          | 0.05        | 0.87        | 0.00            | 0.16        | 0.04        |
|              | Vendor             | 0.01          | 0.36        | 0.18        | 0.01            | 0.09        | 0.03        |
|              | Hauling            | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.06</b>   | <b>0.41</b> | <b>1.05</b> | <b>0.01</b>     | <b>0.25</b> | <b>0.07</b> |
| <b>TOTAL</b> |                    | <b>0.63</b>   | <b>5.70</b> | <b>9.68</b> | <b>0.02</b>     | <b>0.46</b> | <b>0.26</b> |
| Onsite       |                    | <b>Winter</b> |             |             |                 |             |             |
|              | Off-Road Equipment | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Offsite      |                    |               |             |             |                 |             |             |
|              | Worker             | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |               |             |             |                 |             |             |
|              | Off-Road           | 0.57          | 5.29        | 8.63        | 0.01            | 0.21        | 0.19        |
|              | Demolition         | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.57</b>   | <b>5.29</b> | <b>8.63</b> | <b>0.01</b>     | <b>0.21</b> | <b>0.19</b> |
| Offsite      |                    |               |             |             |                 |             |             |
|              | Hauling            | 0.05          | 0.05        | 0.87        | 0.00            | 0.16        | 0.04        |
|              | Vendor             | 0.01          | 0.36        | 0.18        | 0.01            | 0.09        | 0.03        |
|              | Worker             | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.06</b>   | <b>0.41</b> | <b>1.05</b> | <b>0.01</b>     | <b>0.25</b> | <b>0.07</b> |
| <b>TOTAL</b> |                    | <b>0.63</b>   | <b>5.70</b> | <b>9.68</b> | <b>0.02</b>     | <b>0.46</b> | <b>0.26</b> |

**3.11. Phase 2 Building Construction (2025)**

|              |                    | ROG           | NOx          | CO           | SO2         | PM10 Total  | PM2.5 Total |
|--------------|--------------------|---------------|--------------|--------------|-------------|-------------|-------------|
| Onsite       |                    | <b>Summer</b> |              |              |             |             |             |
|              | Off-Road Equipment | 1.24          | 10.60        | 11.90        | 0.02        | 0.40        | 0.37        |
|              | Onsite truck       | 0.00          | 0.00         | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>1.24</b>   | <b>10.60</b> | <b>11.90</b> | <b>0.02</b> | <b>0.40</b> | <b>0.37</b> |
| Offsite      |                    |               |              |              |             |             |             |
|              | Worker             | 0.02          | 0.02         | 0.31         | 0.00        | 0.06        | 0.01        |
|              | Vendor             | 0.01          | 0.06         | 0.03         | 0.01        | 0.02        | 0.01        |
|              | Hauling            | 0.00          | 0.00         | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.03</b>   | <b>0.08</b>  | <b>0.34</b>  | <b>0.01</b> | <b>0.08</b> | <b>0.02</b> |
| <b>TOTAL</b> |                    | <b>1.27</b>   | <b>10.68</b> | <b>12.24</b> | <b>0.03</b> | <b>0.48</b> | <b>0.39</b> |
| Onsite       |                    | <b>Winter</b> |              |              |             |             |             |
|              | Off-Road Equipment | 1.24          | 10.60        | 11.90        | 0.02        | 0.40        | 0.37        |
|              | Onsite truck       | 0.00          | 0.00         | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>1.24</b>   | <b>10.60</b> | <b>11.90</b> | <b>0.02</b> | <b>0.40</b> | <b>0.37</b> |
| Offsite      |                    |               |              |              |             |             |             |
|              | Worker             | 0.02          | 0.02         | 0.26         | 0.00        | 0.06        | 0.01        |
|              | Vendor             | 0.01          | 0.07         | 0.03         | 0.01        | 0.02        | 0.01        |
|              | Hauling            | 0.00          | 0.00         | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.03</b>   | <b>0.09</b>  | <b>0.29</b>  | <b>0.01</b> | <b>0.08</b> | <b>0.02</b> |
| <b>TOTAL</b> |                    | <b>1.27</b>   | <b>10.69</b> | <b>12.19</b> | <b>0.03</b> | <b>0.48</b> | <b>0.39</b> |
| Onsite       |                    |               |              |              |             |             |             |
|              | Off-Road Equipment | 1.24          | 10.60        | 11.90        | 0.02        | 0.40        | 0.37        |
|              | Onsite truck       | 0.00          | 0.00         | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>1.24</b>   | <b>10.60</b> | <b>11.90</b> | <b>0.02</b> | <b>0.40</b> | <b>0.37</b> |
| Offsite      |                    |               |              |              |             |             |             |
|              | Worker             | 0.02          | 0.02         | 0.31         | 0.00        | 0.06        | 0.01        |
|              | Vendor             | 0.01          | 0.07         | 0.03         | 0.01        | 0.02        | 0.01        |
|              | Hauling            | 0.00          | 0.00         | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.03</b>   | <b>0.09</b>  | <b>0.34</b>  | <b>0.01</b> | <b>0.08</b> | <b>0.02</b> |
| <b>TOTAL</b> |                    | <b>1.27</b>   | <b>10.69</b> | <b>12.24</b> | <b>0.03</b> | <b>0.48</b> | <b>0.39</b> |

**3.13. Phase 2 Building Construction (2026)**

|              |                    | ROG           | NOx          | CO           | SO2         | PM10 Total  | PM2.5 Total |
|--------------|--------------------|---------------|--------------|--------------|-------------|-------------|-------------|
| Onsite       |                    | <b>Summer</b> |              |              |             |             |             |
|              | Off-Road Equipment | 1.18          | 10.10        | 11.80        | 0.02        | 0.36        | 0.33        |
|              | Onsite truck       | 0.00          | 0.00         | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>1.18</b>   | <b>10.10</b> | <b>11.80</b> | <b>0.02</b> | <b>0.36</b> | <b>0.33</b> |
| Offsite      |                    |               |              |              |             |             |             |
|              | Worker             | 0.02          | 0.02         | 0.29         | 0.00        | 0.06        | 0.01        |
|              | Vendor             | 0.01          | 0.06         | 0.03         | 0.01        | 0.02        | 0.01        |
|              | Hauling            | 0.00          | 0.00         | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.03</b>   | <b>0.08</b>  | <b>0.32</b>  | <b>0.01</b> | <b>0.08</b> | <b>0.02</b> |
| <b>TOTAL</b> |                    | <b>1.21</b>   | <b>10.18</b> | <b>12.12</b> | <b>0.03</b> | <b>0.44</b> | <b>0.35</b> |
| Onsite       |                    | <b>Winter</b> |              |              |             |             |             |
|              | Off-Road Equipment | 1.18          | 10.10        | 11.80        | 0.02        | 0.36        | 0.33        |
|              | Onsite truck       | 0.00          | 0.00         | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>1.18</b>   | <b>10.10</b> | <b>11.80</b> | <b>0.02</b> | <b>0.36</b> | <b>0.33</b> |
| Offsite      |                    |               |              |              |             |             |             |
|              | Worker             | 0.02          | 0.02         | 0.25         | 0.00        | 0.06        | 0.01        |
|              | Vendor             | 0.01          | 0.06         | 0.03         | 0.01        | 0.02        | 0.01        |
|              | Hauling            | 0.00          | 0.00         | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.03</b>   | <b>0.08</b>  | <b>0.28</b>  | <b>0.01</b> | <b>0.08</b> | <b>0.02</b> |
| <b>TOTAL</b> |                    | <b>1.21</b>   | <b>10.18</b> | <b>12.08</b> | <b>0.03</b> | <b>0.44</b> | <b>0.35</b> |
| Onsite       |                    |               |              |              |             |             |             |
|              | Off-Road Equipment | 1.18          | 10.10        | 11.80        | 0.02        | 0.36        | 0.33        |
|              | Onsite truck       | 0.00          | 0.00         | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>1.18</b>   | <b>10.10</b> | <b>11.80</b> | <b>0.02</b> | <b>0.36</b> | <b>0.33</b> |
| Offsite      |                    |               |              |              |             |             |             |
|              | Worker             | 0.02          | 0.02         | 0.29         | 0.00        | 0.06        | 0.01        |
|              | Vendor             | 0.01          | 0.06         | 0.03         | 0.01        | 0.02        | 0.01        |
|              | Hauling            | 0.00          | 0.00         | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.03</b>   | <b>0.08</b>  | <b>0.32</b>  | <b>0.01</b> | <b>0.08</b> | <b>0.02</b> |
| <b>TOTAL</b> |                    | <b>1.21</b>   | <b>10.18</b> | <b>12.12</b> | <b>0.03</b> | <b>0.44</b> | <b>0.35</b> |

| 3.15. Phase 2 Building Construction (2027) |                    |               |             |              |             |             |             |
|--------------------------------------------|--------------------|---------------|-------------|--------------|-------------|-------------|-------------|
|                                            |                    | ROG           | NOx         | CO           | SO2         | PM10 Total  | PM2.5 Total |
| Onsite                                     |                    | <b>Summer</b> |             |              |             |             |             |
|                                            | Off-Road Equipment | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|                                            | Onsite truck       | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|                                            | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b>  | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Offsite                                    |                    |               |             |              |             |             |             |
|                                            | Worker             | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|                                            | Vendor             | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|                                            | Hauling            | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|                                            | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b>  | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b>                               |                    | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b>  | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite                                     |                    | <b>Winter</b> |             |              |             |             |             |
|                                            | Off-Road Equipment | 1.13          | 9.70        | 11.70        | 0.02        | 0.32        | 0.30        |
|                                            | Onsite truck       | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|                                            | <b>Total</b>       | <b>1.13</b>   | <b>9.70</b> | <b>11.70</b> | <b>0.02</b> | <b>0.32</b> | <b>0.30</b> |
| Offsite                                    |                    |               |             |              |             |             |             |
|                                            | Worker             | 0.02          | 0.02        | 0.23         | 0.00        | 0.06        | 0.01        |
|                                            | Vendor             | 0.01          | 0.06        | 0.03         | 0.01        | 0.02        | 0.01        |
|                                            | Hauling            | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|                                            | <b>Total</b>       | <b>0.03</b>   | <b>0.08</b> | <b>0.26</b>  | <b>0.01</b> | <b>0.08</b> | <b>0.02</b> |
| <b>TOTAL</b>                               |                    | <b>1.16</b>   | <b>9.78</b> | <b>11.96</b> | <b>0.03</b> | <b>0.40</b> | <b>0.32</b> |
| Onsite                                     |                    |               |             |              |             |             |             |
|                                            | Off-Road Equipment | 1.13          | 9.70        | 11.70        | 0.02        | 0.32        | 0.30        |
|                                            | Onsite truck       | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|                                            | <b>Total</b>       | <b>1.13</b>   | <b>9.70</b> | <b>11.70</b> | <b>0.02</b> | <b>0.32</b> | <b>0.30</b> |
| Offsite                                    |                    |               |             |              |             |             |             |
|                                            | Worker             | 0.02          | 0.02        | 0.23         | 0.00        | 0.06        | 0.01        |
|                                            | Vendor             | 0.01          | 0.06        | 0.03         | 0.01        | 0.02        | 0.01        |
|                                            | Hauling            | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|                                            | <b>Total</b>       | <b>0.03</b>   | <b>0.08</b> | <b>0.26</b>  | <b>0.01</b> | <b>0.08</b> | <b>0.02</b> |
| <b>TOTAL</b>                               |                    | <b>1.16</b>   | <b>9.78</b> | <b>11.96</b> | <b>0.03</b> | <b>0.40</b> | <b>0.32</b> |
| 3.17. Phase 2 Paving (2027)                |                    |               |             |              |             |             |             |
|                                            |                    | ROG           | NOx         | CO           | SO2         | PM10 Total  | PM2.5 Total |
| Onsite                                     |                    | <b>Summer</b> |             |              |             |             |             |
|                                            | Off-Road Equipment | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|                                            | Paving             | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|                                            | Onsite truck       | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|                                            | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b>  | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Offsite                                    |                    |               |             |              |             |             |             |
|                                            | Worker             | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|                                            | Vendor             | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|                                            | Hauling            | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|                                            | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b>  | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b>                               |                    | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b>  | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite                                     |                    | <b>Winter</b> |             |              |             |             |             |
|                                            | Off-Road Equipment | 0.32          | 2.84        | 4.81         | 0.01        | 0.09        | 0.09        |
|                                            | Paving             | 0.11          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|                                            | Onsite truck       | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|                                            | <b>Total</b>       | <b>0.43</b>   | <b>2.84</b> | <b>4.81</b>  | <b>0.01</b> | <b>0.09</b> | <b>0.09</b> |
| Offsite                                    |                    |               |             |              |             |             |             |
|                                            | Worker             | 0.03          | 0.03        | 0.38         | 0.00        | 0.10        | 0.02        |
|                                            | Vendor             | 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        |
|                                            | <b>Total</b>       | <b>0.03</b>   | <b>0.03</b> | <b>0.38</b>  | <b>0.00</b> | <b>0.10</b> | <b>0.02</b> |
| <b>TOTAL</b>                               |                    | <b>0.46</b>   | <b>2.87</b> | <b>5.19</b>  | <b>0.01</b> | <b>0.19</b> | <b>0.11</b> |
| Onsite                                     |                    |               |             |              |             |             |             |
|                                            | Off-Road Equipment | 0.32          | 2.84        | 4.81         | 0.01        | 0.09        | 0.09        |
|                                            | Paving             | 0.11          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|                                            | Onsite truck       | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|                                            | <b>Total</b>       | <b>0.43</b>   | <b>2.84</b> | <b>4.81</b>  | <b>0.01</b> | <b>0.09</b> | <b>0.09</b> |
| Offsite                                    |                    |               |             |              |             |             |             |
|                                            | Worker             | 0.03          | 0.03        | 0.38         | 0.00        | 0.10        | 0.02        |
|                                            | Vendor             | 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        |
|                                            | <b>Total</b>       | <b>0.03</b>   | <b>0.03</b> | <b>0.38</b>  | <b>0.00</b> | <b>0.10</b> | <b>0.02</b> |
| <b>TOTAL</b>                               |                    | <b>0.46</b>   | <b>2.87</b> | <b>5.19</b>  | <b>0.01</b> | <b>0.19</b> | <b>0.11</b> |

### 3.19. Phase 2 Architectural Coating (2027)

|              |                        | ROG           | NOx         | CO          | SO <sub>2</sub> | PM10 Total  | PM2.5 Total |
|--------------|------------------------|---------------|-------------|-------------|-----------------|-------------|-------------|
| Onsite       |                        | <b>Summer</b> |             |             |                 |             |             |
|              | Off-Road Equipment     | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Architectural Coatings | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck           | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>           | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Offsite      |                        |               |             |             |                 |             |             |
|              | Worker                 | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor                 | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling                | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>           | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                        | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                        | <b>Winter</b> |             |             |                 |             |             |
|              | Off-Road Equipment     | 0.20          | 1.57        | 1.04        | 0.01            | 0.06        | 0.06        |
|              | Architectural Coatings | 4.21          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck           | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>           | <b>4.41</b>   | <b>1.57</b> | <b>1.04</b> | <b>0.01</b>     | <b>0.06</b> | <b>0.06</b> |
| Offsite      |                        |               |             |             |                 |             |             |
|              | Worker                 | 0.01          | 0.01        | 0.05        | 0.00            | 0.01        | 0.01        |
|              | Vendor                 | 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        |
|              | <b>Total</b>           | <b>0.01</b>   | <b>0.01</b> | <b>0.05</b> | <b>0.00</b>     | <b>0.01</b> | <b>0.01</b> |
| <b>TOTAL</b> |                        | <b>4.42</b>   | <b>1.58</b> | <b>1.09</b> | <b>0.01</b>     | <b>0.07</b> | <b>0.07</b> |
| Onsite       |                        |               |             |             |                 |             |             |
|              | Off-Road Equipment     | 0.20          | 1.57        | 1.04        | 0.01            | 0.06        | 0.06        |
|              | Architectural Coatings | 4.21          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck           | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>           | <b>4.41</b>   | <b>1.57</b> | <b>1.04</b> | <b>0.01</b>     | <b>0.06</b> | <b>0.06</b> |
| Offsite      |                        |               |             |             |                 |             |             |
|              | Worker                 | 0.01          | 0.01        | 0.05        | 0.00            | 0.01        | 0.01        |
|              | Vendor                 | 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        |
|              | <b>Total</b>           | <b>0.01</b>   | <b>0.01</b> | <b>0.05</b> | <b>0.00</b>     | <b>0.01</b> | <b>0.01</b> |
| <b>TOTAL</b> |                        | <b>4.42</b>   | <b>1.58</b> | <b>1.09</b> | <b>0.01</b>     | <b>0.07</b> | <b>0.07</b> |

## Phase 3

### 3.1. Phase 3 Building Demolition (2027)

|              |                    | ROG           | NOx         | CO          | SO <sub>2</sub> | PM10 Total  | PM2.5 Total |
|--------------|--------------------|---------------|-------------|-------------|-----------------|-------------|-------------|
| Onsite       |                    | <b>Summer</b> |             |             |                 |             |             |
|              | Off-Road Equipment | 0.51          | 5.03        | 8.82        | 0.01            | 0.16        | 0.15        |
|              | Demolition         | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.51</b>   | <b>5.03</b> | <b>8.82</b> | <b>0.01</b>     | <b>0.16</b> | <b>0.15</b> |
| Offsite      |                    |               |             |             |                 |             |             |
|              | Worker             | 0.05          | 0.05        | 0.90        | 0.00            | 0.20        | 0.05        |
|              | Vendor             | 0.01          | 0.26        | 0.13        | 0.01            | 0.07        | 0.02        |
|              | Hauling            | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.06</b>   | <b>0.31</b> | <b>1.03</b> | <b>0.01</b>     | <b>0.27</b> | <b>0.07</b> |
| <b>TOTAL</b> |                    | <b>0.57</b>   | <b>5.34</b> | <b>9.85</b> | <b>0.02</b>     | <b>0.43</b> | <b>0.22</b> |
| Onsite       |                    | <b>Winter</b> |             |             |                 |             |             |
|              | Off-Road Equipment | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Offsite      |                    |               |             |             |                 |             |             |
|              | Worker             | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |               |             |             |                 |             |             |
|              | Off-Road           | 0.51          | 5.03        | 8.82        | 0.01            | 0.16        | 0.15        |
|              | Demolition         | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.51</b>   | <b>5.03</b> | <b>8.82</b> | <b>0.01</b>     | <b>0.16</b> | <b>0.15</b> |
| Offsite      |                    |               |             |             |                 |             |             |
|              | Worker             | 0.05          | 0.05        | 0.90        | 0.00            | 0.20        | 0.05        |
|              | Vendor             | 0.01          | 0.26        | 0.13        | 0.01            | 0.07        | 0.02        |
|              | Hauling            | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.06</b>   | <b>0.31</b> | <b>1.03</b> | <b>0.01</b>     | <b>0.27</b> | <b>0.07</b> |
| <b>TOTAL</b> |                    | <b>0.57</b>   | <b>5.34</b> | <b>9.85</b> | <b>0.02</b>     | <b>0.43</b> | <b>0.22</b> |

### 3.3. Building Demolition Debris Hauling (2027)

|              |                    | ROG         | NOx         | CO          | SO <sub>2</sub> | PM10 Total  | PM2.5Total  |
|--------------|--------------------|-------------|-------------|-------------|-----------------|-------------|-------------|
| Onsite       |                    | Summer      |             |             |                 |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00            | 0.35        | 0.05        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.35</b> | <b>0.05</b> |
| Offsite      |                    |             |             |             |                 |             |             |
|              | Worker             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.01        | 0.32        | 0.13        | 0.01            | 0.08        | 0.02        |
|              | <b>Total</b>       | <b>0.01</b> | <b>0.32</b> | <b>0.13</b> | <b>0.01</b>     | <b>0.08</b> | <b>0.02</b> |
| <b>TOTAL</b> |                    | <b>0.01</b> | <b>0.32</b> | <b>0.13</b> | <b>0.01</b>     | <b>0.43</b> | <b>0.07</b> |
| Onsite       |                    | Winter      |             |             |                 |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Offsite      |                    |             |             |             |                 |             |             |
|              | Worker             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |                 |             |             |
|              | Off-Road           | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00            | 0.35        | 0.05        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.35</b> | <b>0.05</b> |
| Offsite      |                    |             |             |             |                 |             |             |
|              | Worker             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.01        | 0.32        | 0.13        | 0.01            | 0.08        | 0.02        |
|              | <b>Total</b>       | <b>0.01</b> | <b>0.32</b> | <b>0.13</b> | <b>0.01</b>     | <b>0.08</b> | <b>0.02</b> |
| <b>TOTAL</b> |                    | <b>0.01</b> | <b>0.32</b> | <b>0.13</b> | <b>0.01</b>     | <b>0.43</b> | <b>0.07</b> |

### 3.5. Phase 3 Asphalt Demolition (2027)

|              |                    | ROG         | NOx         | CO          | SO <sub>2</sub> | PM10 Total  | PM2.5Total  |
|--------------|--------------------|-------------|-------------|-------------|-----------------|-------------|-------------|
| Onsite       |                    | Summer      |             |             |                 |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Offsite      |                    |             |             |             |                 |             |             |
|              | Worker             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    | Winter      |             |             |                 |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Offsite      |                    |             |             |             |                 |             |             |
|              | Worker             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |                 |             |             |
|              | Off-Road           | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Offsite      |                    |             |             |             |                 |             |             |
|              | Worker             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.00        | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |

### 3.7. Phase 3 Asphalt Demolition Debris Haul (2027)

|              |                    | ROG           | NOx         | CO          | SO <sub>2</sub> | PM10 Total  | PM2.5Total  |
|--------------|--------------------|---------------|-------------|-------------|-----------------|-------------|-------------|
| Onsite       |                    | <b>Summer</b> |             |             |                 |             |             |
|              | Off-Road Equipment | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00          | 0.00        | 0.00        | 0.00            | 0.05        | 0.01        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.05</b> | <b>0.01</b> |
| Offsite      |                    |               |             |             |                 |             |             |
|              | Worker             | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.01          | 0.08        | 0.03        | 0.01            | 0.02        | 0.01        |
|              | <b>Total</b>       | <b>0.01</b>   | <b>0.08</b> | <b>0.03</b> | <b>0.01</b>     | <b>0.02</b> | <b>0.01</b> |
| <b>TOTAL</b> |                    | <b>0.01</b>   | <b>0.08</b> | <b>0.03</b> | <b>0.01</b>     | <b>0.07</b> | <b>0.02</b> |
| Onsite       |                    | <b>Winter</b> |             |             |                 |             |             |
|              | Off-Road Equipment | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Offsite      |                    |               |             |             |                 |             |             |
|              | Worker             | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |               |             |             |                 |             |             |
|              | Off-Road           | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00          | 0.00        | 0.00        | 0.00            | 0.05        | 0.01        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.05</b> | <b>0.01</b> |
| Offsite      |                    |               |             |             |                 |             |             |
|              | Worker             | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.01          | 0.08        | 0.03        | 0.01            | 0.02        | 0.01        |
|              | <b>Total</b>       | <b>0.01</b>   | <b>0.08</b> | <b>0.03</b> | <b>0.01</b>     | <b>0.02</b> | <b>0.01</b> |
| <b>TOTAL</b> |                    | <b>0.01</b>   | <b>0.08</b> | <b>0.03</b> | <b>0.01</b>     | <b>0.07</b> | <b>0.02</b> |

### 3.9. Phase 3 Site Preparation (2027)

|              |                    | ROG           | NOx         | CO          | SO <sub>2</sub> | PM10 Total  | PM2.5 Total |
|--------------|--------------------|---------------|-------------|-------------|-----------------|-------------|-------------|
| Onsite       |                    | <b>Summer</b> |             |             |                 |             |             |
|              | Off-Road Equipment | 0.52          | 4.83        | 8.64        | 0.01            | 0.15        | 0.14        |
|              | Demolition         | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.52</b>   | <b>4.83</b> | <b>8.64</b> | <b>0.01</b>     | <b>0.15</b> | <b>0.14</b> |
| Offsite      |                    |               |             |             |                 |             |             |
|              | Worker             | 0.04          | 0.04        | 0.75        | 0.00            | 0.16        | 0.04        |
|              | Vendor             | 0.01          | 0.33        | 0.16        | 0.01            | 0.09        | 0.03        |
|              | Hauling            | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.05</b>   | <b>0.37</b> | <b>0.91</b> | <b>0.01</b>     | <b>0.25</b> | <b>0.07</b> |
| <b>TOTAL</b> |                    | <b>0.57</b>   | <b>5.20</b> | <b>9.55</b> | <b>0.02</b>     | <b>0.40</b> | <b>0.21</b> |
| Onsite       |                    | <b>Winter</b> |             |             |                 |             |             |
|              | Off-Road Equipment | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Demolition         | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Offsite      |                    |               |             |             |                 |             |             |
|              | Worker             | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Vendor             | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Hauling            | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b>     | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |               |             |             |                 |             |             |
|              | Off-Road           | 0.52          | 4.83        | 8.64        | 0.01            | 0.15        | 0.14        |
|              | Demolition         | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.52</b>   | <b>4.83</b> | <b>8.64</b> | <b>0.01</b>     | <b>0.15</b> | <b>0.14</b> |
| Offsite      |                    |               |             |             |                 |             |             |
|              | Hauling            | 0.04          | 0.04        | 0.75        | 0.00            | 0.16        | 0.04        |
|              | Vendor             | 0.01          | 0.33        | 0.16        | 0.01            | 0.09        | 0.03        |
|              | Worker             | 0.00          | 0.00        | 0.00        | 0.00            | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.05</b>   | <b>0.37</b> | <b>0.91</b> | <b>0.01</b>     | <b>0.25</b> | <b>0.07</b> |
| <b>TOTAL</b> |                    | <b>0.57</b>   | <b>5.20</b> | <b>9.55</b> | <b>0.02</b>     | <b>0.40</b> | <b>0.21</b> |

### 3.11. Phase 3 Building Construction (2027)

|              |                    | ROG           | NOx         | CO           | SO2         | PM10 Total  | PM2.5 Total |
|--------------|--------------------|---------------|-------------|--------------|-------------|-------------|-------------|
| Onsite       |                    | <b>Summer</b> |             |              |             |             |             |
|              | Off-Road Equipment | 0.97          | 8.25        | 9.91         | 0.02        | 0.26        | 0.24        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.97</b>   | <b>8.25</b> | <b>9.91</b>  | <b>0.02</b> | <b>0.26</b> | <b>0.24</b> |
| Offsite      |                    |               |             |              |             |             |             |
|              | Worker             | 0.04          | 0.03        | 0.60         | 0.00        | 0.13        | 0.03        |
|              | Vendor             | 0.01          | 0.13        | 0.06         | 0.01        | 0.03        | 0.01        |
|              | Hauling            | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.05</b>   | <b>0.16</b> | <b>0.66</b>  | <b>0.01</b> | <b>0.16</b> | <b>0.04</b> |
| <b>TOTAL</b> |                    | <b>1.02</b>   | <b>8.41</b> | <b>10.57</b> | <b>0.03</b> | <b>0.42</b> | <b>0.28</b> |
| Onsite       |                    | <b>Winter</b> |             |              |             |             |             |
|              | Off-Road Equipment | 0.97          | 8.25        | 9.91         | 0.02        | 0.26        | 0.24        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.97</b>   | <b>8.25</b> | <b>9.91</b>  | <b>0.02</b> | <b>0.26</b> | <b>0.24</b> |
| Offsite      |                    |               |             |              |             |             |             |
|              | Worker             | 0.03          | 0.04        | 0.51         | 0.00        | 0.13        | 0.03        |
|              | Vendor             | 0.01          | 0.13        | 0.06         | 0.01        | 0.03        | 0.01        |
|              | Hauling            | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.04</b>   | <b>0.17</b> | <b>0.57</b>  | <b>0.01</b> | <b>0.16</b> | <b>0.04</b> |
| <b>TOTAL</b> |                    | <b>1.01</b>   | <b>8.42</b> | <b>10.48</b> | <b>0.03</b> | <b>0.42</b> | <b>0.28</b> |
| Onsite       |                    |               |             |              |             |             |             |
|              | Off-Road Equipment | 0.97          | 8.25        | 9.91         | 0.02        | 0.26        | 0.24        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.97</b>   | <b>8.25</b> | <b>9.91</b>  | <b>0.02</b> | <b>0.26</b> | <b>0.24</b> |
| Offsite      |                    |               |             |              |             |             |             |
|              | Worker             | 0.04          | 0.04        | 0.60         | 0.00        | 0.13        | 0.03        |
|              | Vendor             | 0.01          | 0.13        | 0.06         | 0.01        | 0.03        | 0.01        |
|              | Hauling            | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.05</b>   | <b>0.17</b> | <b>0.66</b>  | <b>0.01</b> | <b>0.16</b> | <b>0.04</b> |
| <b>TOTAL</b> |                    | <b>1.02</b>   | <b>8.42</b> | <b>10.57</b> | <b>0.03</b> | <b>0.42</b> | <b>0.28</b> |

### 3.13. Phase 3 Building Construction (2028)

|              |                    | ROG           | NOx         | CO           | SO2         | PM10 Total  | PM2.5 Total |
|--------------|--------------------|---------------|-------------|--------------|-------------|-------------|-------------|
| Onsite       |                    | <b>Summer</b> |             |              |             |             |             |
|              | Off-Road Equipment | 0.93          | 7.89        | 9.88         | 0.02        | 0.23        | 0.21        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.93</b>   | <b>7.89</b> | <b>9.88</b>  | <b>0.02</b> | <b>0.23</b> | <b>0.21</b> |
| Offsite      |                    |               |             |              |             |             |             |
|              | Worker             | 0.03          | 0.03        | 0.56         | 0.00        | 0.13        | 0.03        |
|              | Vendor             | 0.01          | 0.12        | 0.06         | 0.01        | 0.03        | 0.01        |
|              | Hauling            | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.04</b>   | <b>0.15</b> | <b>0.62</b>  | <b>0.01</b> | <b>0.16</b> | <b>0.04</b> |
| <b>TOTAL</b> |                    | <b>0.97</b>   | <b>8.04</b> | <b>10.50</b> | <b>0.03</b> | <b>0.39</b> | <b>0.25</b> |
| Onsite       |                    | <b>Winter</b> |             |              |             |             |             |
|              | Off-Road Equipment | 0.93          | 7.89        | 9.88         | 0.02        | 0.23        | 0.21        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.93</b>   | <b>7.89</b> | <b>9.88</b>  | <b>0.02</b> | <b>0.23</b> | <b>0.21</b> |
| Offsite      |                    |               |             |              |             |             |             |
|              | Worker             | 0.03          | 0.04        | 0.48         | 0.00        | 0.13        | 0.03        |
|              | Vendor             | 0.01          | 0.13        | 0.06         | 0.01        | 0.03        | 0.01        |
|              | Hauling            | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.04</b>   | <b>0.17</b> | <b>0.54</b>  | <b>0.01</b> | <b>0.16</b> | <b>0.04</b> |
| <b>TOTAL</b> |                    | <b>0.97</b>   | <b>8.06</b> | <b>10.42</b> | <b>0.03</b> | <b>0.39</b> | <b>0.25</b> |
| Onsite       |                    |               |             |              |             |             |             |
|              | Off-Road Equipment | 0.93          | 7.89        | 9.88         | 0.02        | 0.23        | 0.21        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.93</b>   | <b>7.89</b> | <b>9.88</b>  | <b>0.02</b> | <b>0.23</b> | <b>0.21</b> |
| Offsite      |                    |               |             |              |             |             |             |
|              | Worker             | 0.03          | 0.04        | 0.56         | 0.00        | 0.13        | 0.03        |
|              | Vendor             | 0.01          | 0.13        | 0.06         | 0.01        | 0.03        | 0.01        |
|              | Hauling            | 0.00          | 0.00        | 0.00         | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.04</b>   | <b>0.17</b> | <b>0.62</b>  | <b>0.01</b> | <b>0.16</b> | <b>0.04</b> |
| <b>TOTAL</b> |                    | <b>0.97</b>   | <b>8.06</b> | <b>10.50</b> | <b>0.03</b> | <b>0.39</b> | <b>0.25</b> |

### 3.15. Phase 3 Paving (2028)

|              |                    | ROG           | NOx         | CO          | SO2         | PM10 Total  | PM2.5 Total |
|--------------|--------------------|---------------|-------------|-------------|-------------|-------------|-------------|
| Onsite       |                    | <b>Summer</b> |             |             |             |             |             |
|              | Off-Road Equipment | 0.31          | 2.76        | 4.82        | 0.01        | 0.08        | 0.08        |
|              | Paving             | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.31</b>   | <b>2.76</b> | <b>4.82</b> | <b>0.01</b> | <b>0.08</b> | <b>0.08</b> |
| Offsite      |                    |               |             |             |             |             |             |
|              | Worker             | 0.03          | 0.03        | 0.42        | 0.00        | 0.10        | 0.02        |
|              | Vendor             | 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        |
|              | <b>Total</b>       | <b>0.03</b>   | <b>0.03</b> | <b>0.42</b> | <b>0.00</b> | <b>0.10</b> | <b>0.02</b> |
| <b>TOTAL</b> |                    | <b>0.34</b>   | <b>2.79</b> | <b>5.24</b> | <b>0.01</b> | <b>0.18</b> | <b>0.10</b> |
| Onsite       |                    | <b>Winter</b> |             |             |             |             |             |
|              | Off-Road Equipment | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Paving             | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Offsite      |                    |               |             |             |             |             |             |
|              | Worker             | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Vendor             | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Hauling            | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    | <b>Summer</b> |             |             |             |             |             |
|              | Off-Road Equipment | 0.31          | 2.76        | 4.82        | 0.01        | 0.08        | 0.08        |
|              | Paving             | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.31</b>   | <b>2.76</b> | <b>4.82</b> | <b>0.01</b> | <b>0.08</b> | <b>0.08</b> |
| Offsite      |                    |               |             |             |             |             |             |
|              | Worker             | 0.03          | 0.03        | 0.42        | 0.00        | 0.10        | 0.02        |
|              | Vendor             | 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        |
|              | <b>Total</b>       | <b>0.03</b>   | <b>0.03</b> | <b>0.42</b> | <b>0.00</b> | <b>0.10</b> | <b>0.02</b> |
| <b>TOTAL</b> |                    | <b>0.34</b>   | <b>2.79</b> | <b>5.24</b> | <b>0.01</b> | <b>0.18</b> | <b>0.10</b> |

### 3.23. Phase 3 Architectural Coating (2028)

|              |                        | ROG           | NOx         | CO          | SO2         | PM10 Total  | PM2.5 Total |
|--------------|------------------------|---------------|-------------|-------------|-------------|-------------|-------------|
| Onsite       |                        | <b>Summer</b> |             |             |             |             |             |
|              | Off-Road Equipment     | 0.11          | 0.81        | 1.12        | 0.01        | 0.02        | 0.01        |
|              | Architectural Coatings | 8.14          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck           | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>           | <b>8.25</b>   | <b>0.81</b> | <b>1.12</b> | <b>0.01</b> | <b>0.02</b> | <b>0.01</b> |
| Offsite      |                        |               |             |             |             |             |             |
|              | Worker                 | 0.01          | 0.01        | 0.11        | 0.00        | 0.03        | 0.01        |
|              | Vendor                 | 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        |
|              | <b>Total</b>           | <b>0.01</b>   | <b>0.01</b> | <b>0.11</b> | <b>0.00</b> | <b>0.03</b> | <b>0.01</b> |
| <b>TOTAL</b> |                        | <b>8.26</b>   | <b>0.82</b> | <b>1.23</b> | <b>0.01</b> | <b>0.05</b> | <b>0.02</b> |
| Onsite       |                        | <b>Winter</b> |             |             |             |             |             |
|              | Off-Road Equipment     | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Architectural Coatings | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck           | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>           | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Offsite      |                        |               |             |             |             |             |             |
|              | Worker                 | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Vendor                 | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Hauling                | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>           | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                        | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                        | <b>Summer</b> |             |             |             |             |             |
|              | Off-Road Equipment     | 0.11          | 0.81        | 1.12        | 0.01        | 0.02        | 0.01        |
|              | Architectural Coatings | 8.14          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck           | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>           | <b>8.25</b>   | <b>0.81</b> | <b>1.12</b> | <b>0.01</b> | <b>0.02</b> | <b>0.01</b> |
| Offsite      |                        |               |             |             |             |             |             |
|              | Worker                 | 0.01          | 0.01        | 0.11        | 0.00        | 0.03        | 0.01        |
|              | Vendor                 | 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        |
|              | <b>Total</b>           | <b>0.01</b>   | <b>0.01</b> | <b>0.11</b> | <b>0.00</b> | <b>0.03</b> | <b>0.01</b> |
| <b>TOTAL</b> |                        | <b>8.26</b>   | <b>0.82</b> | <b>1.23</b> | <b>0.01</b> | <b>0.05</b> | <b>0.02</b> |

### 3.25. Phase 3 Utilities Trenching (2027)

|              |                    | ROG           | NOx         | CO          | SO2         | PM10 Total  | PM2.5 Total |
|--------------|--------------------|---------------|-------------|-------------|-------------|-------------|-------------|
| Onsite       |                    | <b>Summer</b> |             |             |             |             |             |
|              | Off-Road Equipment | 0.09          | 0.81        | 1.02        | 0.01        | 0.02        | 0.02        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.09</b>   | <b>0.81</b> | <b>1.02</b> | <b>0.01</b> | <b>0.02</b> | <b>0.02</b> |
| Offsite      |                    |               |             |             |             |             |             |
|              | Worker             | 0.01          | 0.01        | 0.15        | 0.00        | 0.03        | 0.01        |
|              | Vendor             | 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        |
|              | <b>Total</b>       | <b>0.01</b>   | <b>0.01</b> | <b>0.15</b> | <b>0.00</b> | <b>0.03</b> | <b>0.01</b> |
| <b>TOTAL</b> |                    | <b>0.10</b>   | <b>0.82</b> | <b>1.17</b> | <b>0.01</b> | <b>0.05</b> | <b>0.03</b> |
| Onsite       |                    | <b>Winter</b> |             |             |             |             |             |
|              | Off-Road Equipment | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Offsite      |                    |               |             |             |             |             |             |
|              | Worker             | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Vendor             | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Hauling            | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |               |             |             |             |             |             |
|              | Off-Road Equipment | 0.09          | 0.81        | 1.02        | 0.01        | 0.02        | 0.02        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.09</b>   | <b>0.81</b> | <b>1.02</b> | <b>0.01</b> | <b>0.02</b> | <b>0.02</b> |
| Offsite      |                    |               |             |             |             |             |             |
|              | Worker             | 0.01          | 0.01        | 0.15        | 0.00        | 0.03        | 0.01        |
|              | Vendor             | 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        |
|              | <b>Total</b>       | <b>0.01</b>   | <b>0.01</b> | <b>0.15</b> | <b>0.00</b> | <b>0.03</b> | <b>0.01</b> |
| <b>TOTAL</b> |                    | <b>0.10</b>   | <b>0.82</b> | <b>1.17</b> | <b>0.01</b> | <b>0.05</b> | <b>0.03</b> |

### 3.25. Phase 3 Finishing/Landscaping (2028)

|              |                    | ROG           | NOx         | CO          | SO2         | PM10 Total  | PM2.5 Total |
|--------------|--------------------|---------------|-------------|-------------|-------------|-------------|-------------|
| Onsite       |                    | <b>Summer</b> |             |             |             |             |             |
|              | Off-Road Equipment | 0.09          | 0.81        | 1.02        | 0.01        | 0.02        | 0.02        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.09</b>   | <b>0.81</b> | <b>1.02</b> | <b>0.01</b> | <b>0.02</b> | <b>0.02</b> |
| Offsite      |                    |               |             |             |             |             |             |
|              | Worker             | 0.01          | 0.01        | 0.14        | 0.00        | 0.03        | 0.01        |
|              | Vendor             | 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        |
|              | <b>Total</b>       | <b>0.01</b>   | <b>0.01</b> | <b>0.14</b> | <b>0.00</b> | <b>0.03</b> | <b>0.01</b> |
| <b>TOTAL</b> |                    | <b>0.10</b>   | <b>0.82</b> | <b>1.16</b> | <b>0.01</b> | <b>0.05</b> | <b>0.03</b> |
| Onsite       |                    | <b>Winter</b> |             |             |             |             |             |
|              | Off-Road Equipment | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Offsite      |                    |               |             |             |             |             |             |
|              | Worker             | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Vendor             | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Hauling            | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |               |             |             |             |             |             |
|              | Off-Road Equipment | 0.09          | 0.81        | 1.02        | 0.01        | 0.02        | 0.02        |
|              | Onsite truck       | 0.00          | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.09</b>   | <b>0.81</b> | <b>1.02</b> | <b>0.01</b> | <b>0.02</b> | <b>0.02</b> |
| Offsite      |                    |               |             |             |             |             |             |
|              | Worker             | 0.01          | 0.01        | 0.14        | 0.00        | 0.03        | 0.01        |
|              | Vendor             | 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        |
|              | <b>Total</b>       | <b>0.01</b>   | <b>0.01</b> | <b>0.14</b> | <b>0.00</b> | <b>0.03</b> | <b>0.01</b> |
| <b>TOTAL</b> |                    | <b>0.10</b>   | <b>0.82</b> | <b>1.16</b> | <b>0.01</b> | <b>0.05</b> | <b>0.03</b> |

| Phase 1 Construction                                                                   |     |     |    |     |            |             |
|----------------------------------------------------------------------------------------|-----|-----|----|-----|------------|-------------|
|                                                                                        | ROG | NOx | CO | SO2 | PM10 Total | PM2.5 Total |
| Phase 1 Building and Asphalt Demolition and Debris Haul                                | 0   | 3   | 5  | 0   | 0          | 0           |
| Phase 1 Building and Asphalt Demolition and Debris Haul and Utilities Trenching        | 1   | 6   | 9  | 0   | 0          | 0           |
| Phase 1 Utilities Trenching                                                            | 0   | 2   | 4  | 0   | 0          | 0           |
| Phase 1 Utilities Trenching and Building Construction (2023)                           | 1   | 8   | 11 | 0   | 0          | 0           |
| Phase 1 Building Construction (2023)                                                   | 1   | 6   | 7  | 0   | 0          | 0           |
| Phase 1 Building Construction (2024)                                                   | 1   | 6   | 7  | 0   | 0          | 0           |
| Phase 1 Building Construction (2024) and Architectural Coating                         | 4   | 7   | 8  | 0   | 0          | 0           |
| Phase 1 Building Construction (2024), Architectural Coating, and Finishing/Landscaping | 5   | 9   | 13 | 0   | 0          | 0           |

| Phase 2 Construction                                                      |     |     |    |     |            |             |
|---------------------------------------------------------------------------|-----|-----|----|-----|------------|-------------|
|                                                                           | ROG | NOx | CO | SO2 | PM10 Total | PM2.5 Total |
| Phase 2 Building and Asphalt Demolition and Debris Haul                   | 0   | 5   | 8  | 0   | 1          | 0           |
| Phase 2 Building and Asphalt Demolition and Debris Haul, Site Preparation | 1   | 11  | 18 | 0   | 2          | 1           |
| Phase 2 Site Preparation                                                  | 1   | 6   | 10 | 0   | 0          | 0           |
| Phase 2 Site Preparation and Building Construction (2025)                 | 2   | 16  | 22 | 0   | 1          | 1           |
| Phase 2 Building Construction (2025)                                      | 1   | 11  | 12 | 0   | 0          | 0           |
| Phase 2 Building Construction (2026)                                      | 1   | 10  | 12 | 0   | 0          | 0           |
| Phase 2 Building Construction (2027)                                      | 1   | 10  | 12 | 0   | 0          | 0           |
| Phase 2 Building Construction (2027), Paving, and Architectural Coating   | 6   | 14  | 18 | 0   | 1          | 0           |

| Phase 3 Construction                                                                           |           |            |            |            |            |             |
|------------------------------------------------------------------------------------------------|-----------|------------|------------|------------|------------|-------------|
|                                                                                                | ROG       | NOx        | CO         | SO2        | PM10 Total | PM2.5 Total |
| Phase 3 Building and Asphalt Demolition and Debris Haul                                        | 1         | 6          | 10         | 0          | 1          | 0           |
| Phase 3 Building and Asphalt Demolition and Debris Haul, Site Preparation                      | 1         | 11         | 20         | 0          | 1          | 1           |
| Phase 3 Site Preparation                                                                       | 1         | 5          | 10         | 0          | 0          | 0           |
| Phase 3 Site Preparation and Utilities Trenching                                               | 1         | 6          | 11         | 0          | 0          | 0           |
| Phase 3 Utilities Trenching                                                                    | 0         | 1          | 1          | 0          | 0          | 0           |
| Phase 3 Utilities Trenching and Building Construction (2027)                                   | 1         | 9          | 12         | 0          | 0          | 0           |
| Phase 3 Building Construction (2027)                                                           | 1         | 8          | 11         | 0          | 0          | 0           |
| Phase 3 Building Construction (2028)                                                           | 1         | 8          | 11         | 0          | 0          | 0           |
| Phase 3 Building Construction (2028), Paving, and Architectural Coating                        | 10        | 12         | 17         | 0          | 1          | 0           |
| Phase 3 Building Construction (2028), Paving, Architectural Coating, and Finishing/Landscaping | 10        | 12         | 18         | 0          | 1          | 0           |
| <b>MAX DAILY</b>                                                                               | <b>10</b> | <b>16</b>  | <b>22</b>  | <b>0</b>   | <b>2</b>   | <b>1</b>    |
| <b>Regional Thresholds</b>                                                                     | <b>75</b> | <b>100</b> | <b>550</b> | <b>150</b> | <b>150</b> | <b>55</b>   |
| Exceeds Thresholds?                                                                            | No        | No         | No         | No         | No         | No          |

## Construction LST Worksheet:

| Phase 1                                       |                    |             |             |             |             |
|-----------------------------------------------|--------------------|-------------|-------------|-------------|-------------|
| Phase 1 Asphalt Demolition (2023)             |                    |             |             |             |             |
|                                               |                    | NOx         | CO          | PM10 Total  | PM2.5Total  |
| Onsite                                        |                    |             |             |             |             |
|                                               | Off-Road Equipment | 2.99        | 4.01        | 0.17        | 0.15        |
|                                               | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|                                               | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|                                               | <b>Total</b>       | <b>2.99</b> | <b>4.01</b> | <b>0.17</b> | <b>0.15</b> |
| <b>TOTAL</b>                                  |                    | <b>2.99</b> | <b>4.01</b> | <b>0.17</b> | <b>0.15</b> |
| Onsite                                        |                    |             |             |             |             |
|                                               | Off-Road Equipment | 0.24        | 0.32        | 0.01        | 0.01        |
|                                               | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|                                               | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|                                               | <b>Total</b>       | <b>0.24</b> | <b>0.32</b> | <b>0.01</b> | <b>0.01</b> |
| <b>TOTAL</b>                                  |                    | <b>0.24</b> | <b>0.32</b> | <b>0.01</b> | <b>0.01</b> |
| Onsite                                        |                    |             |             |             |             |
|                                               | Off-Road           | 2.99        | 4.01        | 0.17        | 0.15        |
|                                               | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|                                               | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|                                               | <b>Total</b>       | <b>2.99</b> | <b>4.01</b> | <b>0.17</b> | <b>0.15</b> |
| <b>TOTAL</b>                                  |                    | <b>2.99</b> | <b>4.01</b> | <b>0.17</b> | <b>0.15</b> |
| Phase 1 Asphalt Demolition Debris Haul (2023) |                    |             |             |             |             |
|                                               |                    | NOx         | CO          | PM10 Total  | PM2.5Total  |
| Onsite                                        |                    |             |             |             |             |
|                                               | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|                                               | Demolition         | 0.00        | 0.00        | 0.02        | 0.01        |
|                                               | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|                                               | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.02</b> | <b>0.01</b> |
| <b>TOTAL</b>                                  |                    | <b>0.00</b> | <b>0.00</b> | <b>0.02</b> | <b>0.01</b> |
| Onsite                                        |                    |             |             |             |             |
|                                               | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|                                               | Demolition         | 0.00        | 0.00        | 0.01        | 0.01        |
|                                               | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|                                               | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.01</b> | <b>0.01</b> |
| <b>TOTAL</b>                                  |                    | <b>0.00</b> | <b>0.00</b> | <b>0.01</b> | <b>0.01</b> |
| Onsite                                        |                    |             |             |             |             |
|                                               | Off-Road           | 0.00        | 0.00        | 0.00        | 0.00        |
|                                               | Demolition         | 0.00        | 0.00        | 0.02        | 0.01        |
|                                               | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|                                               | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.02</b> | <b>0.01</b> |
| <b>TOTAL</b>                                  |                    | <b>0.00</b> | <b>0.00</b> | <b>0.02</b> | <b>0.01</b> |

| Phase 1 Building Construction (2023) |                        |             |             |             |             |
|--------------------------------------|------------------------|-------------|-------------|-------------|-------------|
|                                      |                        | NOx         | CO          | PM10 Total  | PM2.5 Total |
| Onsite                               |                        |             |             |             |             |
|                                      | Off-Road Equipment     | 5.93        | 7.00        | 0.28        | 0.26        |
|                                      | Onsite truck           | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>           | <b>5.93</b> | <b>7.00</b> | <b>0.28</b> | <b>0.26</b> |
| <b>TOTAL</b>                         |                        | <b>5.93</b> | <b>7.00</b> | <b>0.28</b> | <b>0.26</b> |
| Onsite                               |                        |             |             |             |             |
|                                      | Off-Road Equipment     | 5.93        | 7.00        | 0.28        | 0.26        |
|                                      | Onsite truck           | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>           | <b>5.93</b> | <b>7.00</b> | <b>0.28</b> | <b>0.26</b> |
| <b>TOTAL</b>                         |                        | <b>5.93</b> | <b>7.00</b> | <b>0.28</b> | <b>0.26</b> |
| Onsite                               |                        |             |             |             |             |
|                                      | Off-Road Equipment     | 5.93        | 7.00        | 0.28        | 0.26        |
|                                      | Onsite truck           | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>           | <b>5.93</b> | <b>7.00</b> | <b>0.28</b> | <b>0.26</b> |
| <b>TOTAL</b>                         |                        | <b>5.93</b> | <b>7.00</b> | <b>0.28</b> | <b>0.26</b> |
| Phase 1 Building Construction (2024) |                        |             |             |             |             |
|                                      |                        | NOx         | CO          | PM10 Total  | PM2.5 Total |
| Onsite                               |                        |             |             |             |             |
|                                      | Off-Road Equipment     | 5.60        | 6.98        | 0.26        | 0.23        |
|                                      | Onsite truck           | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>           | <b>5.60</b> | <b>6.98</b> | <b>0.26</b> | <b>0.23</b> |
| <b>TOTAL</b>                         |                        | <b>5.60</b> | <b>6.98</b> | <b>0.26</b> | <b>0.23</b> |
| Onsite                               |                        |             |             |             |             |
|                                      | Off-Road Equipment     | 5.60        | 6.98        | 0.26        | 0.23        |
|                                      | Onsite truck           | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>           | <b>5.60</b> | <b>6.98</b> | <b>0.26</b> | <b>0.23</b> |
| <b>TOTAL</b>                         |                        | <b>5.60</b> | <b>6.98</b> | <b>0.26</b> | <b>0.23</b> |
| Onsite                               |                        |             |             |             |             |
|                                      | Off-Road Equipment     | 5.60        | 6.98        | 0.26        | 0.23        |
|                                      | Onsite truck           | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>           | <b>5.60</b> | <b>6.98</b> | <b>0.26</b> | <b>0.23</b> |
| <b>TOTAL</b>                         |                        | <b>5.60</b> | <b>6.98</b> | <b>0.26</b> | <b>0.23</b> |
| Phase 1 Architectural Coating (2024) |                        |             |             |             |             |
|                                      |                        | NOx         | CO          | PM10 Total  | PM2.5 Total |
| Onsite                               |                        |             |             |             |             |
|                                      | Off-Road Equipment     | 0.91        | 1.15        | 0.03        | 0.03        |
|                                      | Architectural Coatings | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | Onsite truck           | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>           | <b>0.91</b> | <b>1.15</b> | <b>0.03</b> | <b>0.03</b> |
| <b>TOTAL</b>                         |                        | <b>0.91</b> | <b>1.15</b> | <b>0.03</b> | <b>0.03</b> |
| Onsite                               |                        |             |             |             |             |
|                                      | Off-Road Equipment     | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | Architectural Coatings | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | Onsite truck           | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>           | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b>                         |                        | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite                               |                        |             |             |             |             |
|                                      | Off-Road Equipment     | 0.91        | 1.15        | 0.03        | 0.03        |
|                                      | Architectural Coatings | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | Onsite truck           | 0.00        | 0.00        | 0.00        | 0.00        |
|                                      | <b>Total</b>           | <b>0.91</b> | <b>1.15</b> | <b>0.03</b> | <b>0.03</b> |
| <b>TOTAL</b>                         |                        | <b>0.91</b> | <b>1.15</b> | <b>0.03</b> | <b>0.03</b> |

### Phase 1 Utilities Trenching (2023)

|              |                    | NOx         | CO          | PM10 Total  | PM2.5 Total |
|--------------|--------------------|-------------|-------------|-------------|-------------|
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 2.40        | 3.83        | 0.11        | 0.10        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>2.40</b> | <b>3.83</b> | <b>0.11</b> | <b>0.10</b> |
| <b>TOTAL</b> |                    | <b>2.40</b> | <b>3.83</b> | <b>0.11</b> | <b>0.10</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 2.40        | 3.83        | 0.11        | 0.10        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>2.40</b> | <b>3.83</b> | <b>0.11</b> | <b>0.10</b> |
| <b>TOTAL</b> |                    | <b>2.40</b> | <b>3.83</b> | <b>0.11</b> | <b>0.10</b> |

### Phase 1 Finishing/Landscaping (2024)

|              |                    | NOx         | CO          | PM10 Total  | PM2.5 Total |
|--------------|--------------------|-------------|-------------|-------------|-------------|
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 2.40        | 3.83        | 0.11        | 0.10        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>2.40</b> | <b>3.83</b> | <b>0.11</b> | <b>0.10</b> |
| <b>TOTAL</b> |                    | <b>2.40</b> | <b>3.83</b> | <b>0.11</b> | <b>0.10</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 2.40        | 3.83        | 0.11        | 0.10        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>2.40</b> | <b>3.83</b> | <b>0.11</b> | <b>0.10</b> |
| <b>TOTAL</b> |                    | <b>2.40</b> | <b>3.83</b> | <b>0.11</b> | <b>0.10</b> |

## Phase 2

### 3.2. Phase 2 Building Demolition (2025)

|              |                    | NOx         | CO          | PM10 Total  | PM2.5 Total |
|--------------|--------------------|-------------|-------------|-------------|-------------|
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 4.30        | 7.00        | 0.17        | 0.16        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>4.30</b> | <b>7.00</b> | <b>0.17</b> | <b>0.16</b> |
| <b>TOTAL</b> |                    | <b>4.30</b> | <b>7.00</b> | <b>0.17</b> | <b>0.16</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.42        | 0.69        | 0.02        | 0.02        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.42</b> | <b>0.69</b> | <b>0.02</b> | <b>0.02</b> |
| <b>TOTAL</b> |                    | <b>0.42</b> | <b>0.69</b> | <b>0.02</b> | <b>0.02</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road           | 4.30        | 7.00        | 0.17        | 0.16        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>4.30</b> | <b>7.00</b> | <b>0.17</b> | <b>0.16</b> |
| <b>TOTAL</b> |                    | <b>4.30</b> | <b>7.00</b> | <b>0.17</b> | <b>0.16</b> |

**3.3. Building Demolition Debris Hauling (2025)**

|              |                    | NOx         | CO          | PM10 Total  | PM2.5Total  |
|--------------|--------------------|-------------|-------------|-------------|-------------|
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.27        | 0.04        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.27</b> | <b>0.04</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.27</b> | <b>0.04</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road           | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.27        | 0.04        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.27</b> | <b>0.04</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.27</b> | <b>0.04</b> |

**3.5. Phase 2 Asphalt Demolition (2025)**

|              |                    | NOx         | CO          | PM10 Total  | PM2.5Total  |
|--------------|--------------------|-------------|-------------|-------------|-------------|
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road           | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |

**3.7. Phase 2 Asphalt Demolition Debris Haul (2025)**

|              |                    | NOx         | CO          | PM10 Total  | PM2.5Total  |
|--------------|--------------------|-------------|-------------|-------------|-------------|
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.58        | 0.09        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.58</b> | <b>0.09</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.58</b> | <b>0.09</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road           | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.58        | 0.09        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.58</b> | <b>0.09</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.58</b> | <b>0.09</b> |

**3.9. Phase 2 Site Preparation (2025)**

|              |                    | NOx         | CO          | PM10 Total  | PM2.5 Total |
|--------------|--------------------|-------------|-------------|-------------|-------------|
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 5.29        | 8.63        | 0.21        | 0.19        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>5.29</b> | <b>8.63</b> | <b>0.21</b> | <b>0.19</b> |
| <b>TOTAL</b> |                    | <b>5.29</b> | <b>8.63</b> | <b>0.21</b> | <b>0.19</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road           | 5.29        | 8.63        | 0.21        | 0.19        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>5.29</b> | <b>8.63</b> | <b>0.21</b> | <b>0.19</b> |
| <b>TOTAL</b> |                    | <b>5.29</b> | <b>8.63</b> | <b>0.21</b> | <b>0.19</b> |

**3.11. Phase 2 Building Construction (2025)**

|              |                    | NOx          | CO           | PM10 Total  | PM2.5 Total |
|--------------|--------------------|--------------|--------------|-------------|-------------|
| Onsite       |                    |              |              |             |             |
|              | Off-Road Equipment | 10.60        | 11.90        | 0.40        | 0.37        |
|              | Onsite truck       | 0.00         | 0.00         | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>10.60</b> | <b>11.90</b> | <b>0.40</b> | <b>0.37</b> |
| <b>TOTAL</b> |                    | <b>10.60</b> | <b>11.90</b> | <b>0.40</b> | <b>0.37</b> |
| Onsite       |                    |              |              |             |             |
|              | Off-Road Equipment | 10.60        | 11.90        | 0.40        | 0.37        |
|              | Onsite truck       | 0.00         | 0.00         | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>10.60</b> | <b>11.90</b> | <b>0.40</b> | <b>0.37</b> |
| <b>TOTAL</b> |                    | <b>10.60</b> | <b>11.90</b> | <b>0.40</b> | <b>0.37</b> |
| Onsite       |                    |              |              |             |             |
|              | Off-Road Equipment | 10.60        | 11.90        | 0.40        | 0.37        |
|              | Onsite truck       | 0.00         | 0.00         | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>10.60</b> | <b>11.90</b> | <b>0.40</b> | <b>0.37</b> |
| <b>TOTAL</b> |                    | <b>10.60</b> | <b>11.90</b> | <b>0.40</b> | <b>0.37</b> |

**3.13. Phase 2 Building Construction (2026)**

|              |                    | NOx          | CO           | PM10 Total  | PM2.5 Total |
|--------------|--------------------|--------------|--------------|-------------|-------------|
| Onsite       |                    |              |              |             |             |
|              | Off-Road Equipment | 10.10        | 11.80        | 0.36        | 0.33        |
|              | Onsite truck       | 0.00         | 0.00         | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>10.10</b> | <b>11.80</b> | <b>0.36</b> | <b>0.33</b> |
| <b>TOTAL</b> |                    | <b>10.10</b> | <b>11.80</b> | <b>0.36</b> | <b>0.33</b> |
| Onsite       |                    |              |              |             |             |
|              | Off-Road Equipment | 10.10        | 11.80        | 0.36        | 0.33        |
|              | Onsite truck       | 0.00         | 0.00         | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>10.10</b> | <b>11.80</b> | <b>0.36</b> | <b>0.33</b> |
| <b>TOTAL</b> |                    | <b>10.10</b> | <b>11.80</b> | <b>0.36</b> | <b>0.33</b> |
| Onsite       |                    |              |              |             |             |
|              | Off-Road Equipment | 10.10        | 11.80        | 0.36        | 0.33        |
|              | Onsite truck       | 0.00         | 0.00         | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>10.10</b> | <b>11.80</b> | <b>0.36</b> | <b>0.33</b> |
| <b>TOTAL</b> |                    | <b>10.10</b> | <b>11.80</b> | <b>0.36</b> | <b>0.33</b> |

**3.15. Phase 2 Building Construction (2027)**

|              |                    | NOx         | CO           | PM10 Total  | PM2.5 Total |
|--------------|--------------------|-------------|--------------|-------------|-------------|
| Onsite       |                    |             |              |             |             |
|              | Off-Road Equipment | 0.00        | 0.00         | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00         | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b>  | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b>  | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |              |             |             |
|              | Off-Road Equipment | 9.70        | 11.70        | 0.32        | 0.30        |
|              | Onsite truck       | 0.00        | 0.00         | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>9.70</b> | <b>11.70</b> | <b>0.32</b> | <b>0.30</b> |
| <b>TOTAL</b> |                    | <b>9.70</b> | <b>11.70</b> | <b>0.32</b> | <b>0.30</b> |
| Onsite       |                    |             |              |             |             |
|              | Off-Road Equipment | 9.70        | 11.70        | 0.32        | 0.30        |
|              | Onsite truck       | 0.00        | 0.00         | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>9.70</b> | <b>11.70</b> | <b>0.32</b> | <b>0.30</b> |
| <b>TOTAL</b> |                    | <b>9.70</b> | <b>11.70</b> | <b>0.32</b> | <b>0.30</b> |

**3.17. Phase 2 Paving (2027)**

|              |                    | NOx         | CO          | PM10 Total  | PM2.5 Total |
|--------------|--------------------|-------------|-------------|-------------|-------------|
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Paving             | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 2.84        | 4.81        | 0.09        | 0.09        |
|              | Paving             | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>2.84</b> | <b>4.81</b> | <b>0.09</b> | <b>0.09</b> |
| <b>TOTAL</b> |                    | <b>2.84</b> | <b>4.81</b> | <b>0.09</b> | <b>0.09</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 2.84        | 4.81        | 0.09        | 0.09        |
|              | Paving             | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>2.84</b> | <b>4.81</b> | <b>0.09</b> | <b>0.09</b> |
| <b>TOTAL</b> |                    | <b>2.84</b> | <b>4.81</b> | <b>0.09</b> | <b>0.09</b> |

**3.19. Phase 2 Architectural Coating (2027)**

|              |                        | NOx         | CO          | PM10 Total  | PM2.5 Total |
|--------------|------------------------|-------------|-------------|-------------|-------------|
| Onsite       |                        |             |             |             |             |
|              | Off-Road Equipment     | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Architectural Coatings | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck           | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>           | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                        | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                        |             |             |             |             |
|              | Off-Road Equipment     | 1.57        | 1.04        | 0.06        | 0.06        |
|              | Architectural Coatings | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck           | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>           | <b>1.57</b> | <b>1.04</b> | <b>0.06</b> | <b>0.06</b> |
| <b>TOTAL</b> |                        | <b>1.57</b> | <b>1.04</b> | <b>0.06</b> | <b>0.06</b> |
| Onsite       |                        |             |             |             |             |
|              | Off-Road Equipment     | 1.57        | 1.04        | 0.06        | 0.06        |
|              | Architectural Coatings | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck           | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>           | <b>1.57</b> | <b>1.04</b> | <b>0.06</b> | <b>0.06</b> |
| <b>TOTAL</b> |                        | <b>1.57</b> | <b>1.04</b> | <b>0.06</b> | <b>0.06</b> |

## Phase 3

### 3.1. Phase 3 Building Demolition (2027)

|              |                    | NOx         | CO          | PM10 Total  | PM2.5Total  |
|--------------|--------------------|-------------|-------------|-------------|-------------|
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 5.03        | 8.82        | 0.16        | 0.15        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>5.03</b> | <b>8.82</b> | <b>0.16</b> | <b>0.15</b> |
| <b>TOTAL</b> |                    | <b>5.03</b> | <b>8.82</b> | <b>0.16</b> | <b>0.15</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road           | 5.03        | 8.82        | 0.16        | 0.15        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>5.03</b> | <b>8.82</b> | <b>0.16</b> | <b>0.15</b> |
| <b>TOTAL</b> |                    | <b>5.03</b> | <b>8.82</b> | <b>0.16</b> | <b>0.15</b> |

### 3.3. Building Demolition Debris Hauling (2027)

|              |                    | NOx         | CO          | PM10 Total  | PM2.5Total  |
|--------------|--------------------|-------------|-------------|-------------|-------------|
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.35        | 0.05        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.35</b> | <b>0.05</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.35</b> | <b>0.05</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road           | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.35        | 0.05        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.35</b> | <b>0.05</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.35</b> | <b>0.05</b> |

### 3.5. Phase 3 Asphalt Demolition (2027)

|              |                    | NOx         | CO          | PM10 Total  | PM2.5Total  |
|--------------|--------------------|-------------|-------------|-------------|-------------|
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road           | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |

### 3.7. Phase 3 Asphalt Demolition Debris Haul (2027)

|              |                    | NOx         | CO          | PM10 Total  | PM2.5Total  |
|--------------|--------------------|-------------|-------------|-------------|-------------|
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.05        | 0.01        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.05</b> | <b>0.01</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.05</b> | <b>0.01</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road           | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.05        | 0.01        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.05</b> | <b>0.01</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.05</b> | <b>0.01</b> |

### 3.9. Phase 3 Site Preparation (2027)

|              |                    | NOx         | CO          | PM10 Total  | PM2.5 Total |
|--------------|--------------------|-------------|-------------|-------------|-------------|
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 4.83        | 8.64        | 0.15        | 0.14        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>4.83</b> | <b>8.64</b> | <b>0.15</b> | <b>0.14</b> |
| <b>TOTAL</b> |                    | <b>4.83</b> | <b>8.64</b> | <b>0.15</b> | <b>0.14</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road           | 4.83        | 8.64        | 0.15        | 0.14        |
|              | Demolition         | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>4.83</b> | <b>8.64</b> | <b>0.15</b> | <b>0.14</b> |
| <b>TOTAL</b> |                    | <b>4.83</b> | <b>8.64</b> | <b>0.15</b> | <b>0.14</b> |

### 3.11. Phase 3 Building Construction (2027)

|              |                    | NOx         | CO          | PM10 Total  | PM2.5 Total |
|--------------|--------------------|-------------|-------------|-------------|-------------|
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 8.25        | 9.91        | 0.26        | 0.24        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>8.25</b> | <b>9.91</b> | <b>0.26</b> | <b>0.24</b> |
| <b>TOTAL</b> |                    | <b>8.25</b> | <b>9.91</b> | <b>0.26</b> | <b>0.24</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 8.25        | 9.91        | 0.26        | 0.24        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>8.25</b> | <b>9.91</b> | <b>0.26</b> | <b>0.24</b> |
| <b>TOTAL</b> |                    | <b>8.25</b> | <b>9.91</b> | <b>0.26</b> | <b>0.24</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 8.25        | 9.91        | 0.26        | 0.24        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>8.25</b> | <b>9.91</b> | <b>0.26</b> | <b>0.24</b> |
| <b>TOTAL</b> |                    | <b>8.25</b> | <b>9.91</b> | <b>0.26</b> | <b>0.24</b> |

**3.13. Phase 3 Building Construction (2028)**

|              |                    | NOx         | CO          | PM10 Total  | PM2.5 Total |
|--------------|--------------------|-------------|-------------|-------------|-------------|
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 7.89        | 9.88        | 0.23        | 0.21        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>7.89</b> | <b>9.88</b> | <b>0.23</b> | <b>0.21</b> |
| <b>TOTAL</b> |                    | <b>7.89</b> | <b>9.88</b> | <b>0.23</b> | <b>0.21</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 7.89        | 9.88        | 0.23        | 0.21        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>7.89</b> | <b>9.88</b> | <b>0.23</b> | <b>0.21</b> |
| <b>TOTAL</b> |                    | <b>7.89</b> | <b>9.88</b> | <b>0.23</b> | <b>0.21</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 7.89        | 9.88        | 0.23        | 0.21        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>7.89</b> | <b>9.88</b> | <b>0.23</b> | <b>0.21</b> |
| <b>TOTAL</b> |                    | <b>7.89</b> | <b>9.88</b> | <b>0.23</b> | <b>0.21</b> |

**3.15. Phase 3 Paving (2028)**

|              |                    | NOx         | CO          | PM10 Total  | PM2.5 Total |
|--------------|--------------------|-------------|-------------|-------------|-------------|
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 2.76        | 4.82        | 0.08        | 0.08        |
|              | Paving             | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>2.76</b> | <b>4.82</b> | <b>0.08</b> | <b>0.08</b> |
| <b>TOTAL</b> |                    | <b>2.76</b> | <b>4.82</b> | <b>0.08</b> | <b>0.08</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Paving             | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 2.76        | 4.82        | 0.08        | 0.08        |
|              | Paving             | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>2.76</b> | <b>4.82</b> | <b>0.08</b> | <b>0.08</b> |
| <b>TOTAL</b> |                    | <b>2.76</b> | <b>4.82</b> | <b>0.08</b> | <b>0.08</b> |

**3.23. Phase 3 Architectural Coating (2028)**

|              |                        | NOx         | CO          | PM10 Total  | PM2.5 Total |
|--------------|------------------------|-------------|-------------|-------------|-------------|
| Onsite       |                        |             |             |             |             |
|              | Off-Road Equipment     | 0.81        | 1.12        | 0.02        | 0.01        |
|              | Architectural Coatings | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck           | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>           | <b>0.81</b> | <b>1.12</b> | <b>0.02</b> | <b>0.01</b> |
| <b>TOTAL</b> |                        | <b>0.81</b> | <b>1.12</b> | <b>0.02</b> | <b>0.01</b> |
| Onsite       |                        |             |             |             |             |
|              | Off-Road Equipment     | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Architectural Coatings | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck           | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>           | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                        | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                        |             |             |             |             |
|              | Off-Road Equipment     | 0.81        | 1.12        | 0.02        | 0.01        |
|              | Architectural Coatings | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck           | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>           | <b>0.81</b> | <b>1.12</b> | <b>0.02</b> | <b>0.01</b> |
| <b>TOTAL</b> |                        | <b>0.81</b> | <b>1.12</b> | <b>0.02</b> | <b>0.01</b> |

### 3.25. Phase 3 Utilities Trenching (2027)

|              |                    | NOx         | CO          | PM10 Total  | PM2.5 Total |
|--------------|--------------------|-------------|-------------|-------------|-------------|
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.81        | 1.02        | 0.02        | 0.02        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.81</b> | <b>1.02</b> | <b>0.02</b> | <b>0.02</b> |
| <b>TOTAL</b> |                    | <b>0.81</b> | <b>1.02</b> | <b>0.02</b> | <b>0.02</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.81        | 1.02        | 0.02        | 0.02        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.81</b> | <b>1.02</b> | <b>0.02</b> | <b>0.02</b> |
| <b>TOTAL</b> |                    | <b>0.81</b> | <b>1.02</b> | <b>0.02</b> | <b>0.02</b> |

### 3.25. Phase 3 Finishing/Landscaping (2028)

|              |                    | NOx         | CO          | PM10 Total  | PM2.5 Total |
|--------------|--------------------|-------------|-------------|-------------|-------------|
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.81        | 1.02        | 0.02        | 0.02        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.81</b> | <b>1.02</b> | <b>0.02</b> | <b>0.02</b> |
| <b>TOTAL</b> |                    | <b>0.81</b> | <b>1.02</b> | <b>0.02</b> | <b>0.02</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.00        | 0.00        | 0.00        | 0.00        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>TOTAL</b> |                    | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| Onsite       |                    |             |             |             |             |
|              | Off-Road Equipment | 0.81        | 1.02        | 0.02        | 0.02        |
|              | Onsite truck       | 0.00        | 0.00        | 0.00        | 0.00        |
|              | <b>Total</b>       | <b>0.81</b> | <b>1.02</b> | <b>0.02</b> | <b>0.02</b> |
| <b>TOTAL</b> |                    | <b>0.81</b> | <b>1.02</b> | <b>0.02</b> | <b>0.02</b> |

### Phase 1 Construction

|                                                                                        | NOx        | CO         | PM10 Total  | PM2.5 Total |
|----------------------------------------------------------------------------------------|------------|------------|-------------|-------------|
| <b>Phase 1 Building and Asphalt Demolition and Debris Haul</b>                         | <b>3</b>   | <b>4</b>   | <b>0.19</b> | <b>0.16</b> |
| <b>≤1.00 Acre LST</b>                                                                  | <b>103</b> | <b>562</b> | <b>4.00</b> | <b>3.00</b> |
| <b>Exceeds LST?</b>                                                                    | <b>no</b>  | <b>no</b>  | <b>no</b>   | <b>no</b>   |
| <b>Phase 1 Building and Asphalt Demolition and Debris Haul and Utilities Trenching</b> | <b>5</b>   | <b>8</b>   | <b>0.30</b> | <b>0.26</b> |
| <b>≤1.00 Acre LST</b>                                                                  | <b>103</b> | <b>562</b> | <b>4.00</b> | <b>3.00</b> |
| <b>Exceeds LST?</b>                                                                    | <b>no</b>  | <b>no</b>  | <b>no</b>   | <b>no</b>   |
| <b>Phase 1 Utilities Trenching</b>                                                     | <b>2</b>   | <b>4</b>   | <b>0.11</b> | <b>0.10</b> |
| <b>≤1.00 Acre LST</b>                                                                  | <b>103</b> | <b>562</b> | <b>4.00</b> | <b>3.00</b> |
| <b>Exceeds LST?</b>                                                                    | <b>no</b>  | <b>no</b>  | <b>no</b>   | <b>no</b>   |
| <b>Phase 1 Utilities Trenching and Building Construction (2023)</b>                    | <b>8</b>   | <b>11</b>  | <b>0.39</b> | <b>0.36</b> |
| <b>≤1.00 Acre LST</b>                                                                  | <b>103</b> | <b>562</b> | <b>4.00</b> | <b>3.00</b> |
| <b>Exceeds LST?</b>                                                                    | <b>no</b>  | <b>no</b>  | <b>no</b>   | <b>no</b>   |
| <b>Phase 1 Building Construction (2023)</b>                                            | <b>6</b>   | <b>7</b>   | <b>0.28</b> | <b>0.26</b> |
| <b>≤1.00 Acre LST</b>                                                                  | <b>103</b> | <b>562</b> | <b>4.00</b> | <b>3.00</b> |
| <b>Exceeds LST?</b>                                                                    | <b>no</b>  | <b>no</b>  | <b>no</b>   | <b>no</b>   |

|                                                                                        |     |     |            |             |
|----------------------------------------------------------------------------------------|-----|-----|------------|-------------|
| Phase 1 Building Construction (2024)                                                   | 6   | 7   | 0.26       | 0.23        |
| ≤1.00 Acre LST                                                                         | 103 | 562 | 4.00       | 3.00        |
| Exceeds LST?                                                                           | no  | no  | no         | no          |
| Phase 1 Building Construction (2024) and Architectural Coating                         | 7   | 8   | 0.29       | 0.26        |
| ≤1.00 Acre LST                                                                         | 103 | 562 | 4.00       | 3.00        |
| Exceeds LST?                                                                           | no  | no  | no         | no          |
| Phase 1 Building Construction (2024), Architectural Coating, and Finishing/Landscaping | 9   | 12  | 0.40       | 0.36        |
| ≤1.00 Acre LST                                                                         | 103 | 562 | 4.00       | 3.00        |
| Exceeds LST?                                                                           | no  | no  | no         | no          |
| <b>Phase 2 Construction</b>                                                            |     |     |            |             |
|                                                                                        | NOx | CO  | PM10 Total | PM2.5 Total |
| Phase 2 Building and Asphalt Demolition and Debris Haul                                | 4   | 7   | 1.02       | 0.29        |
| 1.50 Acre LST                                                                          | 125 | 694 | 5.00       | 3.50        |
| Exceeds LST?                                                                           | no  | no  | no         | no          |
| Phase 2 Building and Asphalt Demolition and Debris Haul, Site Preparation              | 10  | 16  | 1.23       | 0.48        |
| 2.44 Acre LST                                                                          | 158 | 930 | 7.02       | 4.29        |
| Exceeds LST?                                                                           | no  | no  | no         | no          |
| Phase 2 Site Preparation                                                               | 5   | 9   | 0.21       | 0.19        |
| 2.00 Acre LST                                                                          | 147 | 827 | 6.00       | 4.00        |
| Exceeds LST?                                                                           | no  | no  | no         | no          |
| Phase 2 Site Preparation and Building Construction (2025)                              | 16  | 21  | 0.61       | 0.56        |
| 2.38 Acre LST                                                                          | 156 | 915 | 6.87       | 4.25        |
| Exceeds LST?                                                                           | no  | no  | no         | no          |
| Phase 2 Building Construction (2025)                                                   | 11  | 12  | 0.40       | 0.37        |
| ≤1.00 Acre LST                                                                         | 103 | 562 | 4.00       | 3.00        |
| Exceeds LST?                                                                           | no  | no  | no         | no          |
| Phase 2 Building Construction (2026)                                                   | 10  | 12  | 0.36       | 0.33        |
| ≤1.00 Acre LST                                                                         | 103 | 562 | 4.00       | 3.00        |
| Exceeds LST?                                                                           | no  | no  | no         | no          |
| Phase 2 Building Construction (2027)                                                   | 10  | 12  | 0.32       | 0.30        |
| ≤1.00 Acre LST                                                                         | 103 | 562 | 4.00       | 3.00        |
| Exceeds LST?                                                                           | no  | no  | no         | no          |
| Phase 2 Building Construction (2027), Paving, and Architectural Coating                | 14  | 18  | 0.47       | 0.45        |
| 1.38 Acre LST                                                                          | 120 | 661 | 4.75       | 3.37        |
| Exceeds LST?                                                                           | no  | no  | no         | no          |

| Phase 3 Construction                                                                           |     |     |            |             |
|------------------------------------------------------------------------------------------------|-----|-----|------------|-------------|
|                                                                                                | NOx | CO  | PM10 Total | PM2.5 Total |
| Phase 3 Building and Asphalt Demolition and Debris Haul                                        | 5   | 9   | 0.56       | 0.21        |
| ≤1.00 Acre LST                                                                                 | 103 | 562 | 4.00       | 3.00        |
| Exceeds LST?                                                                                   | no  | no  | no         | no          |
| Phase 3 Building and Asphalt Demolition and Debris Haul, Site Preparation                      | 10  | 17  | 0.71       | 0.35        |
| ≤1.00 Acre LST                                                                                 | 103 | 562 | 4.00       | 3.00        |
| Exceeds LST?                                                                                   | no  | no  | no         | no          |
| Phase 3 Site Preparation                                                                       | 5   | 9   | 0.15       | 0.14        |
| ≤1.00 Acre LST                                                                                 | 103 | 562 | 4.00       | 3.00        |
| Exceeds LST?                                                                                   | no  | no  | no         | no          |
| Phase 3 Site Preparation and Utilities Trenching                                               | 6   | 10  | 0.17       | 0.16        |
| ≤1.00 Acre LST                                                                                 | 103 | 562 | 4.00       | 3.00        |
| Exceeds LST?                                                                                   | no  | no  | no         | no          |
| Phase 3 Utilities Trenching                                                                    | 1   | 1   | 0.02       | 0.02        |
| ≤1.00 Acre LST                                                                                 | 103 | 562 | 4.00       | 3.00        |
| Exceeds LST?                                                                                   | no  | no  | no         | no          |
| Phase 3 Utilities Trenching and Building Construction (2027)                                   | 9   | 11  | 0.28       | 0.26        |
| ≤1.00 Acre LST                                                                                 | 103 | 562 | 4.00       | 3.00        |
| Exceeds LST?                                                                                   | no  | no  | no         | no          |
| Phase 3 Building Construction (2027)                                                           | 8   | 10  | 0.26       | 0.24        |
| ≤1.00 Acre LST                                                                                 | 103 | 562 | 4.00       | 3.00        |
| Exceeds LST?                                                                                   | no  | no  | no         | no          |
| Phase 3 Building Construction (2028)                                                           | 8   | 10  | 0.23       | 0.21        |
| ≤1.00 Acre LST                                                                                 | 103 | 562 | 4.00       | 3.00        |
| Exceeds LST?                                                                                   | no  | no  | no         | no          |
| Phase 3 Building Construction (2028), Paving, and Architectural Coating                        | 11  | 16  | 0.33       | 0.30        |
| ≤1.00 Acre LST                                                                                 | 103 | 562 | 4.00       | 3.00        |
| Exceeds LST?                                                                                   | no  | no  | no         | no          |
| Phase 3 Building Construction (2028), Paving, Architectural Coating, and Finishing/Landscaping | 12  | 17  | 0.35       | 0.32        |
| ≤1.00 Acre LST                                                                                 | 103 | 562 | 4.00       | 3.00        |
| Exceeds LST?                                                                                   | no  | no  | no         | no          |

## Regional Operation Emissions Worksheet

<sup>1</sup> CalEEMod, Version 2022.1

### Proposed Project

#### Summer

|              | ROG         | NOx         | CO          | SO2         | PM10 Total  | PM2.5 Total |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Mobile       | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
| Area         | 0.63        | 2.57        | 0.03        | 3.55        | 0.00        | 0.00        |
| Energy       | 0.01        | 0.01        | 0.12        | 0.10        | 0.00        | 0.00        |
| <b>Total</b> | <b>0.64</b> | <b>2.58</b> | <b>0.15</b> | <b>3.65</b> | <b>0.00</b> | <b>0.00</b> |

#### Winter

|              | ROG         | NOx         | CO          | SO2         | PM10 Total  | PM2.5 Total |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Mobile       | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
| Area         | 0.00        | 1.99        | 0.00        | 0.00        | 0.00        | 0.00        |
| Energy       | 0.01        | 0.01        | 0.12        | 0.10        | 0.00        | 0.00        |
| <b>Total</b> | <b>0.01</b> | <b>2.00</b> | <b>0.12</b> | <b>0.10</b> | <b>0.00</b> | <b>0.00</b> |

#### Max Daily

|              | ROG         | NOx         | CO          | SO2         | PM10 Total  | PM2.5 Total |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Mobile       | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
| Area         | 0.63        | 2.57        | 0.03        | 3.55        | 0.00        | 0.00        |
| Energy       | 0.01        | 0.01        | 0.12        | 0.10        | 0.00        | 0.00        |
| <b>Total</b> | <b>0.64</b> | <b>2.58</b> | <b>0.15</b> | <b>3.65</b> | <b>0.00</b> | <b>0.00</b> |

#### Regional Thresholds (lb/day)

|                     |           |           |            |            |            |           |
|---------------------|-----------|-----------|------------|------------|------------|-----------|
|                     | <b>55</b> | <b>55</b> | <b>550</b> | <b>150</b> | <b>150</b> | <b>55</b> |
| Exceeds Thresholds? | No        | No        | No         | No         | No         | No        |

# GHG Emissions Inventory

## Proposed Project Buildout

### Construction<sup>1</sup>

#### Phase 1 Construction

|                                         | MTCO <sub>2</sub> e |
|-----------------------------------------|---------------------|
| 2023                                    | 96                  |
| 2024                                    | 101                 |
| <b>Total Construction</b>               | <b>197</b>          |
| <b>30-Year Amortization<sup>2</sup></b> | <b>7</b>            |

#### Phase 2 Construction

|                                         | MTCO <sub>2</sub> e |
|-----------------------------------------|---------------------|
| 2025                                    | 148                 |
| 2026                                    | 275                 |
| 2027                                    | 45                  |
| <b>Total Construction</b>               | <b>468</b>          |
| <b>30-Year Amortization<sup>2</sup></b> | <b>16</b>           |

#### Phase 3 Construction

|                                         | MTCO <sub>2</sub> e |
|-----------------------------------------|---------------------|
| 2027                                    | 133                 |
| 2028                                    | 156                 |
| <b>Total Construction</b>               | <b>289</b>          |
| <b>30-Year Amortization<sup>2</sup></b> | <b>10</b>           |

### Totals

|                                               | MTCO <sub>2</sub> e | %           |
|-----------------------------------------------|---------------------|-------------|
| Year 2023                                     | 96                  | 10%         |
| Year 2024                                     | 101                 | 11%         |
| Year 2025                                     | 148                 | 16%         |
| Year 2026                                     | 275                 | 29%         |
| Year 2027                                     | 178                 | 19%         |
| Year 2028                                     | 156                 | 16%         |
| <b>Total Construction</b>                     | <b>953</b>          | <b>100%</b> |
| <b>Total 30-Year Amortization<sup>2</sup></b> | <b>32</b>           |             |

#### Notes

<sup>1</sup> CalEEMod, Version 2022.1

<sup>2</sup> Total construction emissions are amortized over 30 years per SCAQMD methodology; SCAQMD. 2009, November 19.

Greenhouse Gases (GHG) CEQA Significance Thresholds Working Group Meeting 14. [http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-\(ghg\)-ceqa-significance-thresholds/year-2008-2009/ghg-meeting-14/ghg-meeting-14-main-presentation.pdf?sfvrsn=2](http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/year-2008-2009/ghg-meeting-14/ghg-meeting-14-main-presentation.pdf?sfvrsn=2).

### Operations<sup>1</sup>

|                                   | MTCO <sub>2</sub> e/Year <sup>2</sup> | %           |
|-----------------------------------|---------------------------------------|-------------|
|                                   | Operations                            |             |
| Mobile                            | 0                                     | 0%          |
| Area                              | 2                                     | 2%          |
| Energy                            | 55                                    | 61%         |
| Water                             | 1                                     | 1%          |
| Solid Waste                       | 0                                     | 0%          |
| Refrigerants                      | 0                                     | 0%          |
| 30-Year Construction Amortization | 32                                    | 36%         |
|                                   | <b>89</b>                             | <b>100%</b> |

South Coast AQMD Bright-Line Screening Threshold **3,000**  
Exceed Threshold? **No**

#### Notes

<sup>1</sup> CalEEMod, Version 2022.1

<sup>2</sup> MTCO<sub>2</sub>e=metric tons of carbon dioxide equivalent.

# **Assumptions Worksheet**

## CalEEMod Inputs- Grant Elementary School, Construction

**Name:** Grant Elementary School, Construction  
**Project Number:** SMM-08  
**Project Location:** 2368 Pearl St, Santa Monica, CA 90405  
**County/Air Basin:** Los Angeles - South Coast AQMD  
**Climate Zone:** 11  
**Land Use Setting:** Urban  
**Operational Year:** 2028  
**Utility Company:** Southern California Edison  
**Air Basin:** South Coast Air Basin  
**Air District:** South Coast AQMD  
**SRA:** 2 - Northwest Coastal LA County

Project Site Acreage 6.01

|                        | Phase 1 | Phase 2 | Phase 3 | Total |
|------------------------|---------|---------|---------|-------|
| Disturbed Site Acreage | 0.62    | 2.44    | 0.74    | 3.80  |

| Project Components        |  | SQFT    |       |
|---------------------------|--|---------|-------|
| <b>Demolition</b>         |  |         |       |
| <b>Phase 1</b>            |  |         |       |
| Asphalt Demolition (Tons) |  | 3,230   | 48    |
| <b>Phase 2</b>            |  |         |       |
| Building Demolition (CY)  |  | 7,660   | 705   |
| Asphalt Demolition (Tons) |  | 102,000 | 1,511 |
| <b>Phase 3</b>            |  |         |       |
| Building Demolition (CY)  |  | 7,405   | 681   |
| Asphalt Demolition (Tons) |  | 7,140   | 106   |

Notes

| Project Components                      | Number of Stories | SQFT   | Building Footprint   | Acres       |
|-----------------------------------------|-------------------|--------|----------------------|-------------|
| <b>Construction</b>                     |                   |        |                      |             |
| <b>Phase 1</b>                          |                   |        |                      |             |
| Library Renovation                      | 1                 | 5,955  | 5,955                | 0.00        |
| Library Expansion                       | 1                 | 250    | 250                  | 0.01        |
| TK/K Consolidation Classroom Renovation | 1                 | 4,415  | 4,415                | 0.00        |
|                                         |                   |        |                      |             |
| Parking Lot                             |                   | 0      |                      | 0.00        |
| Asphalt Surfaces                        |                   | 0      |                      | 0.00        |
| Landscaping                             |                   | 14,182 |                      | 0.33        |
| Hardscape                               |                   | 3,336  |                      | 0.08        |
| Remaining Area                          |                   | 9,239  |                      | 0.21        |
|                                         |                   |        | <b>TOTAL ACREAGE</b> | <b>0.62</b> |
|                                         |                   |        |                      |             |
| <b>Phase 2</b>                          |                   |        |                      |             |
| New Elementary Classrooms               | 1                 | 10,626 | 10,626               | 0.24        |
|                                         |                   |        |                      |             |
| Parking Lot                             |                   | 22,803 |                      | 0.52        |
| Asphalt Surfaces                        |                   | 10,198 |                      | 0.23        |
| Landscaping                             |                   | 43,615 |                      | 1.00        |
| Hardscape                               |                   | 18,958 |                      | 0.44        |
|                                         |                   |        | <b>TOTAL ACREAGE</b> | <b>2.44</b> |
|                                         |                   |        |                      |             |
| <b>Phase 3</b>                          |                   |        |                      |             |
| Two-Story Classroom Building            | 2                 | 23,700 | 11,850               | 0.27        |
|                                         |                   |        |                      |             |
| Parking Lot                             |                   | 0      |                      | 0.00        |
| Asphalt Surfaces                        |                   | 0      |                      | 0.00        |
| Landscaping                             |                   | 3,640  |                      | 0.08        |
| Hardscape                               |                   | 11,139 |                      | 0.26        |
| Remaining Area                          |                   | 5,605  |                      | 0.13        |
|                                         |                   |        | <b>TOTAL ACREAGE</b> | <b>0.74</b> |

### CalEEMod Land Use Inputs - Phase 1

| Land Use Type | Land Use Subtype                       | Unit Amount | Size Metric | Lot Acreage | Land Use Square Feet |
|---------------|----------------------------------------|-------------|-------------|-------------|----------------------|
| Educational   | Elementary School                      | 0.250       | 1000 sqft   | 0.01        | 250                  |
| Parking*      | Other Non-asphalt Surfaces (Landscape) | 14.182      | 1000 sqft   | 0.33        | 14,182               |
| Parking*      | Other Non-asphalt Surfaces (Hardscape) | 12.575      | 1000 sqft   | 0.29        | 12,575               |
|               |                                        |             |             | <b>0.62</b> |                      |

### CalEEMod Land Use Inputs - Phase 2

| Land Use Type | Land Use Subtype                       | Unit Amount | Size Metric | Lot Acreage | Land Use Square Feet |
|---------------|----------------------------------------|-------------|-------------|-------------|----------------------|
| Educational   | Elementary School                      | 10.626      | 1000 sqft   | 0.24        | 10,626               |
| Parking       | Parking Lot                            | 22.803      | 1000 sqft   | 0.52        | 22,803               |
| Parking       | Other Asphalt Surfaces                 | 10.198      | 1000 sqft   | 0.23        | 10,198               |
| Parking*      | Other Non-asphalt Surfaces (Landscape) | 43.615      | 1000 sqft   | 1.00        | 43,615               |
| Parking*      | Other Non-asphalt Surfaces (Hardscape) | 18.958      | 1000 sqft   | 0.44        | 18,958               |
|               |                                        |             |             | <b>2.44</b> |                      |

### CalEEMod Land Use Inputs - Phase 3

| Land Use Type | Land Use Subtype                       | Unit Amount | Size Metric | Lot Acreage | Land Use Square Feet |
|---------------|----------------------------------------|-------------|-------------|-------------|----------------------|
| Educational   | Elementary School                      | 23.700      | 1000 sqft   | 0.27        | 23,700               |
| Parking*      | Other Non-asphalt Surfaces (Landscape) | 3.640       | 1000 sqft   | 0.08        | 3,640                |
| Parking*      | Other Non-asphalt Surfaces (Hardscape) | 16.744      | 1000 sqft   | 0.38        | 16,744               |
|               |                                        |             |             | <b>0.74</b> |                      |

**Demolition - Phase 1**

| Component      |  | Amount to be Demolished | Haul Truck Capacity | Haul Distance (miles) | Total Trip Ends | Duration (days) | Trip Ends Per Day |
|----------------|--|-------------------------|---------------------|-----------------------|-----------------|-----------------|-------------------|
| Asphalt (tons) |  | 48                      | 16                  | 20                    | 6               | 29              | 1                 |
| Total          |  | 48                      |                     |                       | 6               |                 |                   |

**Demolition - Phase 2**

| Component      |  | Amount to be Demolished | Haul Truck Capacity | Haul Distance (miles) | Total Trip Ends | Duration (days) | Trip Ends Per Day |
|----------------|--|-------------------------|---------------------|-----------------------|-----------------|-----------------|-------------------|
| Building (CY)  |  | 705                     | 16                  | 20                    | 90              | 36              | 3                 |
| Asphalt (tons) |  | 1,511                   | 20                  | 20                    | 152             | 36              | 5                 |
| Total          |  | 2,216                   |                     |                       | 242             |                 |                   |

**Demolition - Phase 3**

| Component      |  | Amount to be Demolished | Haul Truck Capacity | Haul Distance (miles) | Total Trip Ends | Duration (days) | Trip Ends Per Day |
|----------------|--|-------------------------|---------------------|-----------------------|-----------------|-----------------|-------------------|
| Building (CY)  |  | 681                     | 16                  | 20                    | 88              | 27              | 4                 |
| Asphalt (tons) |  | 106                     | 20                  | 20                    | 11              | 27              | 1                 |
| Total          |  | 787                     |                     |                       | 99              |                 |                   |

## Architectural Coating

|                   | Percent Painted |
|-------------------|-----------------|
| Interior Painted: | 100%            |
| Exterior Painted: | 100%            |

### Rule 1113

|                             |    |                 |
|-----------------------------|----|-----------------|
| Interior Paint VOC content: | 50 | grams per liter |
| Exterior Paing VOC content: | 50 | grams per liter |

### Phase 1

| Structures                            | Land Use Square Feet | CalEEMod Factor <sup>2</sup> | Total Paintable Surface Area | Paintable Interior Area <sup>1</sup> | Paintable Exterior Area <sup>1</sup> |
|---------------------------------------|----------------------|------------------------------|------------------------------|--------------------------------------|--------------------------------------|
| <b>Non-Residential Structures</b>     |                      |                              |                              |                                      |                                      |
| Library Expansion                     | 250                  | 2.0                          | 500                          | 375                                  | 125                                  |
| Library and TK/K Classroom Renovation | 10,370               | 2.0                          | 20,740                       | 15,555                               | 5,185                                |
|                                       |                      |                              | 21,240                       | <b>15,930</b>                        | <b>5,310</b>                         |
| <b>Parking</b>                        |                      |                              |                              |                                      |                                      |
| Landscaped and Hardscaped Areas       | 17,518               | 6%                           | 1,051                        | -                                    | 1,051                                |
|                                       |                      |                              | 1,051                        |                                      | <b>1,051</b>                         |

### Phase 2

| Structures                                | Land Use Square Feet | CalEEMod Factor <sup>2</sup> | Total Paintable Surface Area | Paintable Interior Area <sup>1</sup> | Paintable Exterior Area <sup>1</sup> |
|-------------------------------------------|----------------------|------------------------------|------------------------------|--------------------------------------|--------------------------------------|
| <b>Non-Residential Structures</b>         |                      |                              |                              |                                      |                                      |
| Elementary School                         | 10,626               | 2.0                          | 21,252                       | 15,939                               | 5,313                                |
|                                           |                      |                              | 21,252                       | <b>15,939</b>                        | <b>5,313</b>                         |
| <b>Parking</b>                            |                      |                              |                              |                                      |                                      |
| Parking Lot                               | 22,803               | 6%                           | 1,368                        | -                                    | 1,368                                |
| Asphalt, Landscaped, and Hardscaped Areas | 72,771               | 6%                           | 4,366                        | -                                    | 4,366                                |
|                                           |                      |                              | 5,734                        |                                      | <b>5,734</b>                         |

### Phase 3

| Structures                        | Land Use Square Feet | CalEEMod Factor <sup>2</sup> | Total Paintable Surface Area | Paintable Interior Area <sup>1</sup> | Paintable Exterior Area <sup>1</sup> |
|-----------------------------------|----------------------|------------------------------|------------------------------|--------------------------------------|--------------------------------------|
| <b>Non-Residential Structures</b> |                      |                              |                              |                                      |                                      |
| Elementary School                 | 23,700               | 2.0                          | 47,400                       | 35,550                               | 11,850                               |
|                                   |                      |                              | 47,400                       | <b>35,550</b>                        | <b>11,850</b>                        |
| <b>Parking</b>                    |                      |                              |                              |                                      |                                      |
| Parking Lot                       | 0                    | 6%                           | 0                            | -                                    | 0                                    |
| Landscaped and Hardscaped Areas   | 14,779               | 6%                           | 887                          | -                                    | 887                                  |
|                                   |                      |                              | 887                          |                                      | <b>887</b>                           |

<sup>1</sup>CalEEMod methodology calculates the paintable interior and exterior areas by multiplying the total paintable surface area by 75 and 25 percent, respectively.

<sup>2</sup>The program assumes the total surface for painting equals 2.7 times the floor square footage for residential and 2 times that for nonresidential square footage defined by the user.

<sup>3</sup>Assumes that all parking and non-parking asphalt will be striped. CalEEMod methodology assumes 6% of surface area is striped.

**Construction Mitigation***SCAQMD Rule 403*

|                      |       |   |             |
|----------------------|-------|---|-------------|
| Replace Ground Cover | PM10: | 5 | % Reduction |
|                      | PM25: | 5 | % Reduction |

|                    |            |    |             |
|--------------------|------------|----|-------------|
| Water Exposed Area | Frequency: | 2  | per day     |
|                    | PM10:      | 61 | % Reduction |
|                    | PM25:      | 61 | % Reduction |

|               |                |    |     |
|---------------|----------------|----|-----|
| Unpaved Roads | Vehicle Speed: | 25 | mph |
|---------------|----------------|----|-----|

*SCAQMD Rule 1186*

|                  |   |                |
|------------------|---|----------------|
| Clean Paved Road | 9 | % PM Reduction |
|------------------|---|----------------|

**Southern California Edison Carbon Intensity Factors**

|                                  |        |                          |
|----------------------------------|--------|--------------------------|
| CO <sub>2</sub> : <sup>1,2</sup> | 449.98 | pounds per megawatt hour |
| CH <sub>4</sub> : <sup>3</sup>   | 0.033  | pound per megawatt hour  |
| N <sub>2</sub> O: <sup>3</sup>   | 0.004  | pound per megawatt hour  |

<sup>1</sup> Based on CO<sub>2</sub>e intensity factor of 452 pounds per megawatt hour; Southern California Edison. 2022. 2021 Sustainability Report.

<sup>2</sup> Based on Intergovernmental Panel on Climate Change Fourth Assessment Report global warming potentials for CH<sub>4</sub> and N<sub>2</sub>O; Intergovernmental Panel on Climate Change (IPCC). 2007. Fourth Assessment Report: Climate Change 2007.

<sup>3</sup> CalEEMod default values.

| Global Warming Potentials (GWP)                                                                                                                                                                   |     |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
|                                                                                                                                                                                                   | AR4 | AR5 |
| CO <sub>2</sub>                                                                                                                                                                                   | 1   | 1   |
| CH <sub>4</sub>                                                                                                                                                                                   | 25  | 28  |
| N <sub>2</sub> O                                                                                                                                                                                  | 298 | 265 |
| Based on Intergovernmental Panel on Climate Change Fourth Assessment Report global warming potentials for CH <sub>4</sub> and N <sub>2</sub> O; Intergovernmental Panel on Climate Change (IPCC). |     |     |

## Building Demolition Haul Trip Calculation

### Conversion factors\*

|                    |                        |
|--------------------|------------------------|
| 0.046 ton/SF       | Building Debris        |
| 2.0 CY/ton         | Building Debris        |
| 1.2641662 tons/cy  | Soil                   |
| 20 tons            | Truck Capacity in tons |
| 16 CY              | Truck Capacity in CY   |
| 0.791035229 CY/ton | Soil                   |

| Building                    | BSF Demo | Tons/SF | Tons | CY of Building<br>Materials | Haul Truck (CY) | Round Trips | Total Trip Ends |
|-----------------------------|----------|---------|------|-----------------------------|-----------------|-------------|-----------------|
| Phase 1 Building Demolition | 0        | 0.046   | 0    | 0                           | 16              | 0           | 0               |
| Phase 2 Building Demolition | 7,660    | 0.046   | 352  | 705                         | 16              | 45          | 90              |
| Phase 3 Building Demolition | 7,405    | 0.046   | 341  | 681                         | 16              | 44          | 88              |
|                             | 15,065   |         |      |                             |                 |             |                 |

\*CalEEMod User's Guide Version 2022, Appendix C

## Pavement Volume to Weight Conversion

| Component                  | Total SF of Area <sup>1</sup> | Assumed Thickness (foot) <sup>2</sup> | Debris Volume (cu. ft) | Weight of Crushed Asphalt (lbs/cf) <sup>3</sup> | AC Mass (lbs) | AC Mass (tons) |
|----------------------------|-------------------------------|---------------------------------------|------------------------|-------------------------------------------------|---------------|----------------|
| Phase 1 Asphalt Demolition | 3,230                         | 0.333                                 | 1,077                  | 89                                              | 95,704        | 47.85          |
| Phase 2 Asphalt Demolition | 102,000                       | 0.333                                 | 34,000                 | 89                                              | 3,022,222     | 1511.11        |
| Phase 3 Asphalt Demolition | 7,140                         | 0.333                                 | 2,380                  | 89                                              | 211,556       | 105.78         |
| <b>Total</b>               | <b>112,370</b>                |                                       |                        |                                                 |               | <b>1,665</b>   |

<sup>1</sup> Based on aerial image of existing project site.

<sup>2</sup> Pavements and Surface Materials. Nonpoint Education for Municipal Officials, Technical Paper Number 8. University of Connecticut Cooperative Extension System, 1999.

<sup>3</sup> <https://www.delmar.ca.us/DocumentCenter/View/5668/CalRecycle-Conversion-Table>

## Construction Activities and Schedule Assumption

\* based on information provided by the Applicant

|                                         |                       | Construction Schedule |            |                                   |
|-----------------------------------------|-----------------------|-----------------------|------------|-----------------------------------|
|                                         |                       |                       |            | CalEEMod<br>Duration<br>(Workday) |
| Construction Activities                 | Phase Type            | Start Date            | End Date   |                                   |
| Phase 1                                 |                       |                       |            |                                   |
| Phase 1 Asphalt Demolition              | Demolition            | 5/1/2023              | 5/12/2023  | 10                                |
| Phase 1 Asphalt Demolition Debris Haul  | Demolition            | 5/1/2023              | 5/12/2023  | 10                                |
| Phase 1 Utility Trenching               | Trenching             | 5/12/2023             | 5/18/2023  | 5                                 |
| Phase 1 Building Construction           | Building Construction | 5/18/2023             | 10/4/2023  | 100                               |
| Phase 1 Architectural Coating           | Architectural Coating | 9/28/2023             | 10/4/2023  | 5                                 |
| Phase 1 Finishing/Landscaping           | Trenching             | 9/28/2023             | 10/4/2023  | 5                                 |
|                                         |                       |                       |            |                                   |
| Phase 2                                 |                       |                       |            |                                   |
| Phase 2 Building Demolition             | Demolition            | 6/15/2025             | 7/11/2025  | 20                                |
| Phase 2 Building Demolition Debris Haul | Demolition            | 6/15/2025             | 7/11/2025  | 20                                |
| Phase 2 Asphalt Demolition              | Demolition            | 6/15/2025             | 7/11/2025  | 20                                |
| Phase 2 Asphalt Demolition Debris Haul  | Demolition            | 6/15/2025             | 7/11/2025  | 20                                |
| Phase 2 Site Preparation                | Site Preparation      | 7/11/2025             | 7/15/2025  | 3                                 |
| Phase 2 Building Construction           | Building Construction | 7/15/2025             | 5/18/2026  | 220                               |
| Phase 2 Paving                          | Paving                | 5/5/2026              | 5/18/2026  | 10                                |
| Phase 2 Architectural Coating           | Architectural Coating | 5/5/2026              | 5/18/2026  | 10                                |
|                                         |                       |                       |            |                                   |
| Phase 3                                 |                       |                       |            |                                   |
| Phase 3 Building Demolition             | Demolition            | 6/15/2026             | 6/26/2026  | 10                                |
| Phase 3 Building Demolition Debris Haul | Demolition            | 6/15/2026             | 6/26/2026  | 10                                |
| Phase 3 Asphalt Demolition              | Demolition            | 6/15/2026             | 6/26/2026  | 10                                |
| Phase 3 Asphalt Demolition Debris Haul  | Demolition            | 6/15/2026             | 6/26/2026  | 10                                |
| Phase 3 Site Preparation                | Site Preparation      | 6/26/2026             | 6/26/2026  | 1                                 |
| Phase 3 Utility Trenching               | Trenching             | 6/27/2026             | 7/3/2026   | 5                                 |
| Phase 3 Building Construction           | Building Construction | 7/3/2026              | 11/19/2026 | 100                               |
| Phase 3 Paving                          | Paving                | 11/13/2026            | 11/19/2026 | 5                                 |
| Phase 3 Architectural Coating           | Architectural Coating | 11/13/2026            | 11/19/2026 | 5                                 |
| Phase 3 Finishing/Landscaping           | Trenching             | 11/13/2026            | 11/19/2026 | 5                                 |

### Normalization Calculations Phase 1

| CalEEMod Defaults Construction Duration (Library) |                        |
|---------------------------------------------------|------------------------|
| 156                                               | days of construction   |
| 0.43                                              | years of construction  |
| 5.13                                              | months of construction |

| Assumed Construction Duration |           |
|-------------------------------|-----------|
| 5/15/2023                     | 8/15/2024 |
| 458                           | days      |
| 15.06                         | months    |

Norm Factor: 2.94

### Normalization Calculations Phase 2

| CalEEMod Defaults Construction Duration (Library) |                        |
|---------------------------------------------------|------------------------|
| 337                                               | days of construction   |
| 0.92                                              | years of construction  |
| 11.08                                             | months of construction |

| Assumed Construction Duration |           |
|-------------------------------|-----------|
| 6/15/2025                     | 2/15/2027 |
| 610                           | days      |
| 20.05                         | months    |

Norm Factor: 1.81

### Normalization Calculations Phase 3

| CalEEMod Defaults Construction Duration (Library) |                        |
|---------------------------------------------------|------------------------|
| 157                                               | days of construction   |
| 0.43                                              | years of construction  |
| 5.16                                              | months of construction |

| Assumed Construction Duration |           |
|-------------------------------|-----------|
| 6/15/2027                     | 8/15/2028 |
| 427                           | days      |
| 14.04                         | months    |

Norm Factor: 2.72

| Overlapping Schedule                    |                       |                       |           |                                   |
|-----------------------------------------|-----------------------|-----------------------|-----------|-----------------------------------|
|                                         |                       | Construction Schedule |           |                                   |
|                                         |                       |                       |           | CalEEMod<br>Duration<br>(Workday) |
| Construction Activities                 | Phase Type            | Start Date            | End Date  |                                   |
| Phase 1                                 |                       |                       |           |                                   |
| Phase 1 Asphalt Demolition              | Demolition            | 5/15/2023             | 6/22/2023 | 29                                |
| Phase 1 Asphalt Demolition Debris Haul  | Demolition            | 5/15/2023             | 6/22/2023 | 29                                |
| Phase 1 Utility Trenching               | Trenching             | 6/22/2023             | 6/28/2023 | 5                                 |
| Phase 1 Building Construction           | Building Construction | 6/28/2023             | 8/11/2024 | 293                               |
| Phase 1 Architectural Coating           | Architectural Coating | 7/22/2024             | 8/11/2024 | 15                                |
| Phase 1 Finishing/Landscaping           | Trenching             | 8/5/2024              | 8/11/2024 | 5                                 |
|                                         |                       |                       |           |                                   |
| Phase 2                                 |                       |                       |           |                                   |
| Phase 2 Building Demolition             | Demolition            | 6/15/2025             | 8/4/2025  | 36                                |
| Phase 2 Building Demolition Debris Haul | Demolition            | 6/15/2025             | 8/4/2025  | 36                                |
| Phase 2 Asphalt Demolition              | Demolition            | 6/15/2025             | 8/4/2025  | 36                                |
| Phase 2 Asphalt Demolition Debris Haul  | Demolition            | 6/15/2025             | 8/4/2025  | 36                                |
| Phase 2 Site Preparation                | Site Preparation      | 8/4/2025              | 8/9/2025  | 5                                 |
| Phase 2 Building Construction           | Building Construction | 8/9/2025              | 2/17/2027 | 398                               |
| Phase 2 Paving                          | Paving                | 1/25/2027             | 2/17/2027 | 18                                |
| Phase 2 Architectural Coating           | Architectural Coating | 1/25/2027             | 2/17/2027 | 18                                |
|                                         |                       |                       |           |                                   |
| Phase 3                                 |                       |                       |           |                                   |
| Phase 3 Building Demolition             | Demolition            | 6/15/2027             | 7/21/2027 | 27                                |
| Phase 3 Building Demolition Debris Haul | Demolition            | 6/15/2027             | 7/21/2027 | 27                                |
| Phase 3 Asphalt Demolition              | Demolition            | 6/15/2027             | 7/21/2027 | 27                                |
| Phase 3 Asphalt Demolition Debris Haul  | Demolition            | 6/15/2027             | 7/21/2027 | 27                                |
| Phase 3 Site Preparation                | Site Preparation      | 7/21/2027             | 7/23/2027 | 3                                 |
| Phase 3 Utility Trenching               | Trenching             | 7/23/2027             | 7/29/2027 | 5                                 |
| Phase 3 Building Construction           | Building Construction | 7/29/2027             | 8/11/2028 | 272                               |
| Phase 3 Paving                          | Paving                | 7/25/2028             | 8/11/2028 | 14                                |
| Phase 3 Architectural Coating           | Architectural Coating | 7/25/2028             | 8/11/2028 | 14                                |
| Phase 3 Finishing/Landscaping           | Trenching             | 8/5/2028              | 8/11/2028 | 5                                 |

## CalEEMod Construction Off-Road Equipment Inputs

\*Based on CalEEMod defaults, assumed equipment would not be shared for most conservative results

General Construction Hours: 8 hours

btwn 7:00 AM to 4:00 PM (with 1 hr break), Mon-Fri

### Water Truck Vendor Trip Calculation

| Amount of Water<br>(gal/acre/day) <sup>1</sup> | Water Truck Capacity<br>(gallons) <sup>2</sup> |
|------------------------------------------------|------------------------------------------------|
| 10,000                                         | 4,000                                          |

Notes:

<sup>1</sup> Based on data provided in Guidance for Application for Dust Control Permit

[https://www.epa.gov/sites/default/files/2019-04/documents/mr\\_guidanceforapplicationfordustcontrolpermit.pdf](https://www.epa.gov/sites/default/files/2019-04/documents/mr_guidanceforapplicationfordustcontrolpermit.pdf)

<sup>2</sup> Based on standard water truck capacity:

McLellan Industries. 2022, January (access). Water Trucks. <https://www.mcllellanindustries.com/trucks/water->

<sup>3</sup> disturb 1 acre per day.

| Construction Equipment Details                      |       |                |                  |     |              |             |
|-----------------------------------------------------|-------|----------------|------------------|-----|--------------|-------------|
| Equipment                                           | model | # of Equipment | hr/day           | hp  | load factor* | total trips |
| <b>Asphalt Demolition</b>                           |       |                |                  |     |              |             |
| Backhoe                                             |       | 1              | 8                | 84  | 0.37         |             |
| Forklift                                            |       | 2              | 8                | 82  | 0.2          |             |
| Worker Trips                                        |       |                |                  |     |              | 8           |
| Vendor Trips                                        |       |                |                  |     |              | 0           |
| Hauling Trips                                       |       |                |                  |     |              | 0           |
| Water Trucks (Added To Vendor Trips)                |       |                | Acres Disturbed: | 0.5 |              | 4           |
| <b>Asphalt Demolition Debris Haul</b>               |       |                |                  |     |              |             |
| No Additional Equipment Required For Debris Hauling |       |                |                  |     |              |             |
| Worker Trips                                        |       |                |                  |     |              | 0           |
| Vendor Trips                                        |       |                |                  |     |              | 0           |
| Hauling Trips                                       |       |                |                  |     |              | 1           |
| <b>Utilities Trenching</b>                          |       |                |                  |     |              |             |
| Skip Loader                                         |       | 1              | 8                | 84  | 0.37         |             |
| Backhoe                                             |       | 1              | 8                | 84  | 0.37         |             |
| Worker Trips                                        |       |                |                  |     |              | 5           |
| Vendor Trips                                        |       |                |                  |     |              | 0           |
| Hauling Trips                                       |       |                |                  |     |              | 0           |
| <b>Building Construction</b>                        |       |                |                  |     |              |             |
| Crane                                               |       | 1              | 4                | 367 | 0.29         |             |
| Forklift                                            |       | 2              | 6                | 82  | 0.2          |             |
| Tractors/Loaders/Backhoes                           |       | 2              | 8                | 84  | 0.37         |             |
| Worker Trips                                        |       |                |                  |     |              | 1           |
| Vendor Trips                                        |       |                |                  |     |              | 1           |
| Hauling Trips                                       |       |                |                  |     |              | 0           |
| <b>Architectural Coating (surface lots, etc...)</b> |       |                |                  |     |              |             |
| Air Compressor                                      |       | 1              | 6                | 37  | 0.48         |             |
| Worker Trips                                        |       |                |                  |     |              | 1           |
| Vendor Trips                                        |       |                |                  |     |              | 0           |
| Hauling Trips                                       |       |                |                  |     |              | 0           |
| <b>Finishing/Landscaping</b>                        |       |                |                  |     |              |             |
| Skip Loader                                         |       | 1              | 8                | 84  | 0.37         |             |
| Backhoe                                             |       | 1              | 8                | 84  | 0.37         |             |
| Worker Trips                                        |       |                |                  |     |              | 5           |
| Vendor Trips                                        |       |                |                  |     |              | 0           |
| Hauling Trips                                       |       |                |                  |     |              | 0           |

## CalEEMod Construction Off-Road Equipment Inputs

\*Based on CalEEMod defaults, assumed equipment would not be shared for most conservative results

General Construction Hours: 8 hours

btwn 7:00 AM to 4:00 PM (with 1 hr break), Mon-Fri

### Water Truck Vendor Trip Calculation

| Amount of Water<br>(gal/acre/day) <sup>1</sup> | Water Truck Capacity (gallons) <sup>2</sup> |
|------------------------------------------------|---------------------------------------------|
| 10,000                                         | 4,000                                       |

Notes:

<sup>1</sup> Based on data provided in Guidance for Application for Dust Control Permit

Maricopa County Air Quality Department. 2005, June. Guidance for Application of Dust Control Permit.  
[https://www.epa.gov/sites/default/files/2019-04/documents/mr\\_guidanceforapplicationfordustcontrolpermit.pdf](https://www.epa.gov/sites/default/files/2019-04/documents/mr_guidanceforapplicationfordustcontrolpermit.pdf)

<sup>2</sup> Based on standard water truck capacity:

McLellan Industries. 2022, January (access). Water Trucks. <https://www.mclellanindustries.com/trucks/water-trucks/>

<sup>3</sup> Assumes that dozers, tractors/loaders/backhoes, and graders can disturb 0.50 acres per day and scrapers can disturb 1 acre per day.

| Construction Equipment Details                                               |       |                |                  |     |              |             |
|------------------------------------------------------------------------------|-------|----------------|------------------|-----|--------------|-------------|
| Equipment                                                                    | model | # of Equipment | hr/day           | hp  | load factor* | total trips |
| <b>Building Demolition</b>                                                   |       |                |                  |     |              |             |
| Front End Loader                                                             |       | 1              | 8                | 84  | 0.37         |             |
| Forklift                                                                     |       | 2              | 8                | 82  | 0.2          |             |
| Skid Steer                                                                   |       | 2              | 8                | 71  | 0.37         |             |
| Worker Trips                                                                 |       |                |                  |     |              | 13          |
| Vendor Trips                                                                 |       |                |                  |     |              | 0           |
| Hauling Trips                                                                |       |                |                  |     |              | 0           |
| Water Trucks (Added To Vendor Trips)                                         |       |                | Acres Disturbed: | 1.5 |              | 8           |
| <b>Building Demolition Debris Haul</b>                                       |       |                |                  |     |              |             |
| no additional equipment required for debris hauling                          |       |                |                  |     |              |             |
| Worker Trips                                                                 |       |                |                  |     |              | 0           |
| Vendor Trips                                                                 |       |                |                  |     |              | 0           |
| Hauling Trips                                                                |       |                |                  |     |              | 3           |
| <b>Asphalt Demolition</b>                                                    |       |                |                  |     |              |             |
| assumes asphalt demolition equipment is shared building demolition equipment |       |                |                  |     |              |             |
| Worker Trips                                                                 |       |                |                  |     |              | 0           |
| Vendor Trips                                                                 |       |                |                  |     |              | 0           |
| Hauling Trips                                                                |       |                |                  |     |              | 0           |
| <b>Asphalt Demolition Debris Haul</b>                                        |       |                |                  |     |              |             |
| no additional equipment required for debris hauling                          |       |                |                  |     |              |             |
| Worker Trips                                                                 |       |                |                  |     |              | 0           |
| Vendor Trips                                                                 |       |                |                  |     |              | 0           |
| Hauling Trips                                                                |       |                |                  |     |              | 5           |
| <b>Site Preparation</b>                                                      |       |                |                  |     |              |             |
| Skip Loaders                                                                 |       | 3              | 8                | 84  | 0.37         |             |
| Backhoe                                                                      |       | 1              | 8                | 84  | 0.37         |             |
| Compaction Roller                                                            |       | 1              | 8                | 36  | 0.38         |             |
| Worker Trips                                                                 |       |                |                  |     |              | 13          |
| Vendor Trips                                                                 |       |                |                  |     |              | 0           |
| Hauling Trips                                                                |       |                |                  |     |              | 0           |
| Water Trucks (Added To Vendor Trips)                                         |       |                | Acres Disturbed: | 2   |              | 10          |
| <b>Building Construction</b>                                                 |       |                |                  |     |              |             |
| Crane                                                                        |       | 1              | 8                | 367 | 0.29         |             |
| Forklift                                                                     |       | 2              | 7                | 82  | 0.2          |             |
| Generator Sets                                                               |       | 1              | 8                | 14  | 0.74         |             |
| Tractors/Loaders/Backhoes                                                    |       | 1              | 6                | 84  | 0.37         |             |
| Welders                                                                      |       | 3              | 8                | 46  | 0.45         |             |
| Worker Trips                                                                 |       |                |                  |     |              | 4           |
| Vendor Trips                                                                 |       |                |                  |     |              | 2           |
| Hauling Trips                                                                |       |                |                  |     |              | 0           |
| <b>Paving</b>                                                                |       |                |                  |     |              |             |
| Skip Loader                                                                  |       | 2              | 8                | 84  | 0.37         |             |
| Compaction Roller                                                            |       | 1              | 8                | 36  | 0.38         |             |
| Worker Trips                                                                 |       |                |                  |     |              | 8           |
| Vendor Trips                                                                 |       |                |                  |     |              | 0           |
| Hauling Trips                                                                |       |                |                  |     |              | 0           |
| <b>Architectural Coating (surface lots, etc...)</b>                          |       |                |                  |     |              |             |
| Generator                                                                    |       | 2              | 8                | 14  | 0.74         |             |
| Worker Trips                                                                 |       |                |                  |     |              | 1           |
| Vendor Trips                                                                 |       |                |                  |     |              | 0           |
| Hauling Trips                                                                |       |                |                  |     |              | 0           |

## CalEEMod Construction Off-Road Equipment Inputs

\*Based on CalEEMod defaults, assumed equipment would not be shared for most conservative results

General Construction Hours: 8 hours

btwn 7:00 AM to 4:00 PM (with 1 hr break), Mon-Fri

### Water Truck Vendor Trip Calculation

| Amount of Water<br>(gal/acre/day) <sup>1</sup> | Water Truck Capacity<br>(gallons) <sup>2</sup> |
|------------------------------------------------|------------------------------------------------|
| 10,000                                         | 4,000                                          |

Notes:

<sup>1</sup> Based on data provided in Guidance for Application for Dust Control Permit

Maricopa County Air Quality Department. 2005, June. Guidance for Application of Dust Control Permit.  
[https://www.epa.gov/sites/default/files/2019-04/documents/mr\\_guidanceforapplicationfordustcontrolpermit.pdf](https://www.epa.gov/sites/default/files/2019-04/documents/mr_guidanceforapplicationfordustcontrolpermit.pdf)

<sup>2</sup> Based on standard water truck capacity:  
 McLellan Industries. 2022, January (access). Water Trucks. <https://www.mcllellanindustries.com/trucks/water-trucks/>

<sup>3</sup> Assumes that dozers, tractors/loaders/backhoes, and graders can disturb 0.50 acres per day and scrapers can disturb 1 acre per day.

| Construction Equipment Details                                               |       |                |                  |     |              |             |
|------------------------------------------------------------------------------|-------|----------------|------------------|-----|--------------|-------------|
| Equipment                                                                    | model | # of Equipment | hr/day           | hp  | load factor* | total trips |
| <b>Building Demolition</b>                                                   |       |                |                  |     |              |             |
| Front End Loader                                                             |       | 1              | 8                | 84  | 0.37         |             |
| Skip Loader                                                                  |       | 2              | 8                | 84  | 0.37         |             |
| Forklift                                                                     |       | 2              | 8                | 82  | 0.2          |             |
| Excavator                                                                    |       | 1              | 8                | 36  | 0.38         |             |
| Worker Trips                                                                 |       |                |                  |     |              | 15          |
| Vendor Trips                                                                 |       |                |                  |     |              | 0           |
| Hauling Trips                                                                |       |                |                  |     |              | 0           |
| Water Trucks (Added To Vendor Trips)                                         |       |                | Acres Disturbed: | 1.5 |              | 8           |
| <b>Building Demolition Debris Haul</b>                                       |       |                |                  |     |              |             |
| no additional equipment required for debris hauling                          |       |                |                  |     |              |             |
| Worker Trips                                                                 |       |                |                  |     |              | 0           |
| Vendor Trips                                                                 |       |                |                  |     |              | 0           |
| Hauling Trips                                                                |       |                |                  |     |              | 4           |
| <b>Asphalt Demolition</b>                                                    |       |                |                  |     |              |             |
| assumes asphalt demolition equipment is shared building demolition equipment |       |                |                  |     |              |             |
| Worker Trips                                                                 |       |                |                  |     |              | 0           |
| Vendor Trips                                                                 |       |                |                  |     |              | 0           |
| Hauling Trips                                                                |       |                |                  |     |              | 0           |
| <b>Asphalt Demolition Debris Haul</b>                                        |       |                |                  |     |              |             |
| no additional equipment required for debris hauling                          |       |                |                  |     |              |             |
| Worker Trips                                                                 |       |                |                  |     |              | 0           |
| Vendor Trips                                                                 |       |                |                  |     |              | 0           |
| Hauling Trips                                                                |       |                |                  |     |              | 1           |
| <b>Site Preparation</b>                                                      |       |                |                  |     |              |             |
| Skip Loader                                                                  |       | 3              | 8                | 84  | 0.37         |             |
| Backhoe                                                                      |       | 1              | 8                | 84  | 0.37         |             |
| Compaction Roller                                                            |       | 1              | 8                | 36  | 0.38         |             |
| Worker Trips                                                                 |       |                |                  |     |              | 13          |
| Vendor Trips                                                                 |       |                |                  |     |              | 0           |
| Hauling Trips                                                                |       |                |                  |     |              | 0           |
| Water Trucks (Added To Vendor Trips)                                         |       |                | Acres Disturbed: | 2   |              | 10          |
| <b>Utilities Trenching</b>                                                   |       |                |                  |     |              |             |
| Excavators                                                                   |       | 1              | 8                | 36  | 0.38         |             |
| Worker Trips                                                                 |       |                |                  |     |              | 3           |
| Vendor Trips                                                                 |       |                |                  |     |              | 0           |
| Hauling Trips                                                                |       |                |                  |     |              | 0           |
| <b>Building Construction</b>                                                 |       |                |                  |     |              |             |
| Cranes                                                                       |       | 1              | 6                | 367 | 0.29         |             |
| Forklifts                                                                    |       | 1              | 6                | 82  | 0.2          |             |

|                                                     |  |   |   |    |      |    |
|-----------------------------------------------------|--|---|---|----|------|----|
| Generator Sets                                      |  | 1 | 8 | 14 | 0.74 |    |
| Tractors/Loaders/Backhoes                           |  | 1 | 6 | 84 | 0.37 |    |
| Welders                                             |  | 3 | 8 | 46 | 0.45 |    |
| Worker Trips                                        |  |   |   |    |      | 10 |
| Vendor Trips                                        |  |   |   |    |      | 4  |
| Hauling Trips                                       |  |   |   |    |      | 0  |
| <b>Paving</b>                                       |  |   |   |    |      |    |
| Skip Loader                                         |  | 2 | 8 | 84 | 0.37 |    |
| Compaction Roller                                   |  | 1 | 8 | 36 | 0.38 |    |
| Worker Trips                                        |  |   |   |    |      | 8  |
| Vendor Trips                                        |  |   |   |    |      | 0  |
| Hauling Trips                                       |  |   |   |    |      | 0  |
| <b>Architectural Coating (surface lots, etc...)</b> |  |   |   |    |      |    |
| Air Compressors                                     |  | 1 | 6 | 78 | 0.48 |    |
| Worker Trips                                        |  |   |   |    |      | 2  |
| Vendor Trips                                        |  |   |   |    |      | 0  |
| Hauling Trips                                       |  |   |   |    |      | 0  |
| <b>Finishing/Landscaping</b>                        |  |   |   |    |      |    |
| Excavators                                          |  | 1 | 8 | 36 | 0.38 |    |
| Worker Trips                                        |  |   |   |    |      | 3  |
| Vendor Trips                                        |  |   |   |    |      | 0  |
| Hauling Trips                                       |  |   |   |    |      | 0  |

| Phase Name                              | Worker Trip Ends<br>Per Day | Vendor Trip Ends<br>Per Day | Haul Truck Trip<br>Ends Per Day | Total Trip Ends<br>Per Day | Start Date | End Date  | Workdays |
|-----------------------------------------|-----------------------------|-----------------------------|---------------------------------|----------------------------|------------|-----------|----------|
| <b>Phase 1</b>                          |                             |                             |                                 |                            |            |           |          |
| Phase 1 Asphalt Demolition              | 8                           | 4                           | 0                               | 12                         | 5/15/2023  | 6/22/2023 | 29       |
| Phase 1 Asphalt Demolition Debris Haul  | 0                           | 0                           | 1                               | 1                          | 5/15/2023  | 6/22/2023 | 29       |
| Phase 1 Utility Trenching               | 5                           | 0                           | 0                               | 5                          | 6/22/2023  | 6/28/2023 | 5        |
| Phase 1 Building Construction           | 1                           | 1                           | 0                               | 2                          | 6/28/2023  | 8/11/2024 | 293      |
| Phase 1 Architectural Coating           | 1                           | 0                           | 0                               | 1                          | 7/22/2024  | 8/11/2024 | 15       |
| Phase 1 Finishing/Landscaping           | 5                           | 0                           | 0                               | 5                          | 8/5/2024   | 8/11/2024 | 5        |
| <b>Phase 2</b>                          |                             |                             |                                 |                            |            |           |          |
| Phase 2 Building Demolition             | 13                          | 8                           | 0                               | 21                         | 6/15/2025  | 8/4/2025  | 36       |
| Phase 2 Building Demolition Debris Haul | 0                           | 0                           | 3                               | 3                          | 6/15/2025  | 8/4/2025  | 36       |
| Phase 2 Asphalt Demolition              | 0                           | 0                           | 0                               | 0                          | 6/15/2025  | 8/4/2025  | 36       |
| Phase 2 Asphalt Demolition Debris Haul  | 0                           | 0                           | 5                               | 5                          | 6/15/2025  | 8/4/2025  | 36       |
| Phase 2 Site Preparation                | 13                          | 10                          | 0                               | 23                         | 8/4/2025   | 8/9/2025  | 5        |
| Phase 2 Building Construction           | 4                           | 2                           | 0                               | 6                          | 8/9/2025   | 2/17/2027 | 398      |
| Phase 2 Paving                          | 8                           | 0                           | 0                               | 8                          | 1/25/2027  | 2/17/2027 | 18       |
| Phase 2 Architectural Coating           | 1                           | 0                           | 0                               | 1                          | 1/25/2027  | 2/17/2027 | 18       |
| <b>Phase 3</b>                          |                             |                             |                                 |                            |            |           |          |
| Phase 3 Building Demolition             | 15                          | 8                           | 0                               | 23                         | 6/15/2027  | 7/21/2027 | 27       |
| Phase 3 Building Demolition Debris Haul | 0                           | 0                           | 4                               | 4                          | 6/15/2027  | 7/21/2027 | 27       |
| Phase 3 Asphalt Demolition              | 0                           | 0                           | 0                               | 0                          | 6/15/2027  | 7/21/2027 | 27       |
| Phase 3 Asphalt Demolition Debris Haul  | 0                           | 0                           | 1                               | 1                          | 6/15/2027  | 7/21/2027 | 27       |
| Phase 3 Site Preparation                | 13                          | 10                          | 0                               | 23                         | 7/21/2027  | 7/23/2027 | 3        |
| Phase 3 Utility Trenching               | 3                           | 0                           | 0                               | 3                          | 7/23/2027  | 7/29/2027 | 5        |
| Phase 3 Building Construction           | 10                          | 4                           | 0                               | 14                         | 7/29/2027  | 8/11/2028 | 272      |
| Phase 3 Paving                          | 8                           | 0                           | 0                               | 8                          | 7/25/2028  | 8/11/2028 | 14       |
| Phase 3 Architectural Coating           | 2                           | 0                           | 0                               | 2                          | 7/25/2028  | 8/11/2028 | 14       |
| Phase 3 Finishing/Landscaping           | 3                           | 0                           | 0                               | 3                          | 8/5/2028   | 8/11/2028 | 5        |

| Construction Activity (Overlapping)                                                            | Worker Trip Ends<br>Per Day | Vendor Trip Ends<br>Per Day | Haul Truck Trip<br>Ends Per Day | Total Trip Ends<br>Per Day | Start Date | End Date   | Workdays |
|------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|---------------------------------|----------------------------|------------|------------|----------|
| <b>Phase 1</b>                                                                                 |                             |                             |                                 |                            |            |            |          |
| Phase 1 Asphalt Demolition and Debris Haul                                                     | 8                           | 4                           | 1                               | 13                         | 5/15/2023  | 6/21/2023  | 28       |
| Phase 1 Asphalt Demolition and Debris Haul, Utilities Trenching                                | 13                          | 4                           | 1                               | 18                         | 6/22/2023  | 6/22/2023  | 1        |
| Phase 1 Utilities Trenching                                                                    | 5                           | 0                           | 0                               | 5                          | 6/23/2023  | 6/27/2023  | 3        |
| Phase 1 Utilities Trenching and Building Construction (2023)                                   | 6                           | 1                           | 0                               | 7                          | 6/28/2023  | 6/28/2023  | 1        |
| Phase 1 Building Construction (2023)                                                           | 1                           | 1                           | 0                               | 2                          | 6/29/2023  | 12/31/2023 | 132      |
| Phase 1 Building Construction (2024)                                                           | 1                           | 1                           | 0                               | 2                          | 1/1/2024   | 7/21/2024  | 145      |
| Phase 1 Building Construction (2024) and Architectural Coating                                 | 2                           | 1                           | 0                               | 3                          | 7/22/2024  | 8/4/2024   | 10       |
| Phase 1 Building Construction (2024), Architectural Coating, and Finishing/Landscaping         | 7                           | 1                           | 0                               | 8                          | 8/5/2024   | 8/11/2024  | 5        |
| <b>Phase 2</b>                                                                                 |                             |                             |                                 |                            |            |            |          |
| Phase 2 Building and Asphalt Demolition and Debris Haul                                        | 13                          | 8                           | 8                               | 29                         | 6/15/2025  | 8/3/2025   | 35       |
| Phase 2 Building and Asphalt Demolition and Debris Haul, Site Preparation                      | 26                          | 18                          | 8                               | 52                         | 8/4/2025   | 8/4/2025   | 1        |
| Phase 2 Site Preparation                                                                       | 13                          | 10                          | 0                               | 23                         | 8/5/2025   | 8/8/2025   | 4        |
| Phase 2 Site Preparation and Building Construction (2025)                                      | 17                          | 12                          | 0                               | 29                         | 8/9/2025   | 8/9/2025   | 0        |
| Phase 2 Building Construction (2025)                                                           | 4                           | 2                           | 0                               | 6                          | 8/10/2025  | 12/31/2025 | 103      |
| Phase 2 Building Construction (2026)                                                           | 4                           | 2                           | 0                               | 6                          | 1/1/2026   | 12/31/2026 | 261      |
| Phase 2 Building Construction (2027)                                                           | 4                           | 2                           | 0                               | 6                          | 1/1/2026   | 1/24/2027  | 277      |
| Phase 2 Building Construction (2027), Paving, and Architectural Coating                        | 13                          | 2                           | 0                               | 15                         | 1/25/2027  | 2/17/2027  | 18       |
| <b>Phase 3</b>                                                                                 |                             |                             |                                 |                            |            |            |          |
| Phase 3 Building and Asphalt Demolition and Debris Haul                                        | 15                          | 8                           | 5                               | 28                         | 6/15/2027  | 7/20/2027  | 26       |
| Phase 3 Building and Asphalt Demolition and Debris Haul, Site Preparation                      | 28                          | 18                          | 5                               | 51                         | 7/21/2027  | 7/21/2027  | 1        |
| Phase 3 Site Preparation                                                                       | 13                          | 10                          | 0                               | 23                         | 7/22/2027  | 7/22/2027  | 1        |
| Phase 3 Site Preparation and Utilities Trenching                                               | 16                          | 10                          | 0                               | 26                         | 7/23/2027  | 7/23/2027  | 1        |
| Phase 3 Utilities Trenching                                                                    | 3                           | 0                           | 0                               | 8                          | 7/24/2027  | 7/28/2027  | 3        |
| Phase 3 Utilities Trenching and Building Construction (2027)                                   | 13                          | 4                           | 0                               | 17                         | 7/29/2027  | 7/29/2027  | 1        |
| Phase 3 Building Construction (2027)                                                           | 10                          | 4                           | 0                               | 14                         | 7/30/2027  | 12/31/2027 | 111      |
| Phase 3 Building Construction (2028)                                                           | 10                          | 4                           | 0                               | 14                         | 1/1/2028   | 7/24/2028  | 146      |
| Phase 3 Building Construction (2028), Paving, and Architectural Coating                        | 20                          | 4                           | 0                               | 24                         | 7/25/2028  | 8/4/2028   | 9        |
| Phase 3 Building Construction (2030), Paving, Architectural Coating, and Finishing/Landscaping | 23                          | 4                           | 0                               | 27                         | 8/5/2028   | 8/11/2028  | 5        |
|                                                                                                | 28                          | 18                          | 8                               | 52                         |            |            |          |

## CalEEMod Inputs- Grant Elementary School, Operation

**Name:** Grant Elementary School, Operation  
**Project Number:** SMM-08  
**Project Location:** 2368 Pearl St, Santa Monica, CA 90405  
**County/Air Basin:** Los Angeles - South Coast AQMD  
**Climate Zone:** 11  
**Land Use Setting:** Urban  
**Operational Year:** 2028  
**Utility Company:** Southern California Edison  
**Air Basin:** South Coast Air Basin  
**Air District:** South Coast AQMD  
**SRA:** 2 - Northwest Coastal LA County

|                        |      |
|------------------------|------|
| Project Site Acreage   | 6.48 |
| Disturbed Site Acreage | 6.48 |

| Existing to Remain              |               |             |
|---------------------------------|---------------|-------------|
| Buildings                       | SQFT          | Acres       |
| Classrooms - 1954               | 4,415         | 0.10        |
| Classrooms - 1940/1954          | 3,285         | 0.08        |
| Classrooms - 1936               | 5,815         | 0.13        |
| Classroom/Administration - 1936 | 5,110         | 0.12        |
| Auditorium - 1945               | 5,105         | 0.12        |
| Library - 1968                  | 5,995         | 0.14        |
| Computer Lab/Classrooms - 1940  |               | 0.00        |
| Cafeteria/Classrooms - 1945     | 13,965        | 0.32        |
| Classroom - 1945                | 3,370         | 0.08        |
| Modular Buildings - 1992        | 0             | 0.00        |
| Modular Buildings - 1999        | 0             | 0.00        |
| <b>Total</b>                    | <b>47,060</b> | <b>1.08</b> |
| Asphalt Playground Area         | 25,000        | 0.57        |

| Proposed Project             |               |             |
|------------------------------|---------------|-------------|
| Project Components           | New SQFT      | Acres       |
| Phase 1                      |               |             |
| Library Expansion            | 250           | 0.01        |
| Phase 2                      |               |             |
| New Elementary Classrooms    | 10,626        | 0.24        |
| Phase 3                      |               |             |
| Two-Story Classroom Building | 23,700        | 0.27        |
| <b>TOTAL BUILDING SQFT</b>   | <b>34,576</b> | <b>0.52</b> |
| Parking Lot                  | 22,803        | 0.52        |
| Other Asphalt Surfaces       | 10,198        | 0.23        |
| Landscaping                  | 61,437        | 1.41        |
| Hardscape                    | 33,433        | 0.77        |
| Remaining Area               | 59,612        | 1.37        |

## CalEEMod Land Use Inputs

| Land Use Type | Land Use Subtype                            | Unit Amount | Size Metric | Lot Acreage | Land Use Square Feet |
|---------------|---------------------------------------------|-------------|-------------|-------------|----------------------|
| Educational   | Elementary School                           | 81.636      | 1000 sqft   | 1.60        | 81,636               |
| Parking       | Parking Lot                                 | 22.803      | 1000 sqft   | 0.52        | 22,803               |
| Parking       | Other Asphalt Surfaces                      | 35.198      | 1000 sqft   | 0.81        | 35,198               |
| Parking       | Other Non-asphalt Surfaces<br>(Landscaping) | 61.437      | 1000 sqft   | 1.41        | 61,437               |
| Parking       | Other Non-asphalt Surfaces<br>(Hardscaping) | 93.045      | 1000 sqft   | 2.14        | 93,045               |
|               |                                             |             |             | <b>6.48</b> |                      |

## Trips

Student capacity is not anticipated to change from existing school capacity. Therefore, trip generation would be similar to existing conditions and was not added to the model.

## Water Use - CalEEMod Defaults<sup>1</sup>

|                   | Indoor (gal/year) | Outdoor (gal/year) | Total <sup>3</sup> |
|-------------------|-------------------|--------------------|--------------------|
| Elementary School | 0.00              | 0.00               | 0.00               |
| Landscaping       | 0.00              | 861,628.33         | 861,628.33         |

Student capacity is not anticipated to change from existing school capacity.

## Notes

- 1 Based on water and wastewater use numbers from Water Supply and Demand Analysis. See Section 5.19, [Utilities and Service Systems](#).
- 2 Uses conversion of 325,851 gallons per acre-foot.
- 3 Assumes 100% aerobic treatment.

## Solid Waste

Student capacity is not anticipated to change from existing school capacity. Therefore, solid waste generation would be similar to existing conditions and was not added to the model.

## Electricity (Buildings)

## Energy Use

| Land Use Subtype <sup>1</sup> | Total Annual Electricity Consumption (kWh/year) | Total Annual Natural Gas Consumption (kBTU/year) | Title-24 Electricity Energy Intensity |                             | Nontitle-24 Electricity Energy Intensity |                                       |
|-------------------------------|-------------------------------------------------|--------------------------------------------------|---------------------------------------|-----------------------------|------------------------------------------|---------------------------------------|
|                               |                                                 |                                                  | (kWhr/size/year)*                     | Intensity (kBTU/size/year)* | (kWhr/size/year)                         | Gas Energy Intensity (kBTU/size/year) |
| Elementary School Buildings   | 628,774                                         | 2,109,192.35                                     | 543,569.39                            | 1,072,851.02                | 85,205.01                                | 1,036,341.33                          |
| New Parking Lot               | 21,292                                          | 0.00                                             | 21,292.06                             | 0.00                        | 0.00                                     | 0.00                                  |
| <b>TOTAL</b>                  | <b>650,066</b>                                  | <b>2,109,192</b>                                 |                                       |                             |                                          |                                       |

## Notes

- 1 Assumes that old and new buildings have the same energy rates

## Architectural Coating

|                   | Percent Painted |
|-------------------|-----------------|
| Interior Painted: | 100%            |

**Rule 1113**

Exterior Painted: 100%

Interior Paint VOC content: 50 grams per liter

Exterior Paing VOC content: 50 grams per liter

| Structures              | Land Use Square Feet | CalEEMod Factor <sup>2</sup> | Total Paintable Surface Area | Paintable Interior Area <sup>1</sup> | Paintable Exterior Area <sup>1</sup> |
|-------------------------|----------------------|------------------------------|------------------------------|--------------------------------------|--------------------------------------|
| <b>Buildings</b>        |                      |                              |                              |                                      |                                      |
| Elementary School       | 81,636               | 2.0                          | 163,272                      | 122,454                              | 40,818                               |
|                         |                      |                              | 163,272                      | <b>122,454</b>                       | <b>40,818</b>                        |
| <b>Parking</b>          |                      |                              |                              |                                      |                                      |
| Parking Lot             | 22,803               | 6%                           | 1,368                        | -                                    | 1,368                                |
| Asphalt Surfaces        | 35,198               | 6%                           | 2,112                        |                                      | 2,112                                |
| New Landscaped Surfaces | 61,437               | 6%                           | 3,686                        |                                      | 3,686                                |
|                         |                      |                              | 7,166                        |                                      | <b>7,166.280</b>                     |

<sup>1</sup>CalEEMod methodology calculates the paintable interior and exterior areas by multiplying the total paintable surface area by 75 and 25 percent, respectively.<sup>2</sup>The program assumes the total surface for painting equals 2.7 times the floor square footage for residential and 2 times that for nonresidential square footage defined by the user.<sup>3</sup>Assumes that parking lot, asphalt surfaces, and landscaped surfaces will be striped. CalEEMod methodology assumes 6% of surface area is striped.**Southern California Edison Carbon Intensity Factors**

|                                  |        |                          |
|----------------------------------|--------|--------------------------|
| CO <sub>2</sub> : <sup>1,2</sup> | 449.98 | pounds per megawatt hour |
| CH <sub>4</sub> : <sup>3</sup>   | 0.033  | pound per megawatt hour  |
| N <sub>2</sub> O: <sup>3</sup>   | 0.004  | pound per megawatt hour  |

RPS Year: 2021

## Notes:

Based on CO<sub>2</sub>e intensity factor of 452 pounds per megawatt hour; Southern California Edison. 2022. 2021 Sustainability Report.<sup>1</sup> <https://www.edison.com/home/sustainability/sustainability-report.html>Based on Intergovernmental Panel on Climate Change Fourth Assessment Report global warming potentials for CH<sub>4</sub> and N<sub>2</sub>O; Intergovernmental Panel on Climate Change (IPCC). 2007.<sup>2</sup> Fourth Assessment Report: Climate Change 2007.<sup>3</sup> CalEEMod2022 default values.

| Global Warming Potentials (GWP) |     |     |
|---------------------------------|-----|-----|
|                                 | AR4 | AR5 |
| CO <sub>2</sub>                 | 1   | 1   |
| CH <sub>4</sub>                 | 25  | 28  |
| N <sub>2</sub> O                | 298 | 265 |

Based on Intergovernmental Panel on Climate Change Fourth Assessment Report global warming potentials for CH<sub>4</sub> and N<sub>2</sub>O; Intergovernmental Panel on Climate Change (IPCC).

| McKinley ES Electricity | Annual KWH | GHG         |
|-------------------------|------------|-------------|
| Existing (2018-2019)    | 276,700    | 56.73002569 |
| Project Increment       | 367,030    | 75.24980604 |
| Total                   | 643,730    | 131.9798317 |

## **CalEEMod Construction Model**

1. Basic Project Information  
1.1. Basic Project Information

|                             |                                              |
|-----------------------------|----------------------------------------------|
| Data Field                  | Value                                        |
| Project Name                | Grant Elementary School Construction Phase 1 |
| Lead Agency                 |                                              |
| Land Use Scale              | Project/site                                 |
| Analysis Level for Defaults | County                                       |
| Windspeed (m/s)             | 2.7                                          |
| Precipitation (days)        | 20.2                                         |
| Location                    | 2368 Pearl St, Santa Monica, CA 90405, USA   |
| County                      | Los Angeles-South Coast                      |
| City                        | Santa Monica                                 |
| Air District                | South Coast AQMD                             |
| Air Basin                   | South Coast                                  |
| TAZ                         | 4411                                         |
| EDFZ                        | 7                                            |
| Electric Utility            | Southern California Edison                   |
| Gas Utility                 | Southern California Gas                      |

1.2. Land Use Types

| Land Use Subtype           | Size | Unit          | Lot Acreage | Building Area (sq ft) | Landscape Area (sq ft) | Special Landscap | Population | Description |
|----------------------------|------|---------------|-------------|-----------------------|------------------------|------------------|------------|-------------|
| Elementary School          |      | 0.25 1000sqft |             | 0.01                  | 250                    | 0                | 0          |             |
| Other Non-Asphalt Surfaces |      | 14.2 1000sqft |             | 0.33                  | 0                      | 14182            |            |             |
| Other Non-Asphalt Surfaces |      | 12.6 1000sqft |             | 0.29                  | 0                      | 0                |            |             |

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

| Uny/Mit.            | TOG  | ROG  | NOx  | CO    | SO <sub>2</sub> | PM10E   | PM10D   | PM10T | PM2.5E  | PM2.5D  | PM2.5T | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R       | CO <sub>2</sub> e |
|---------------------|------|------|------|-------|-----------------|---------|---------|-------|---------|---------|--------|------------------|-------------------|-------------------|-----------------|------------------|---------|-------------------|
| Daily, Summer (Max) |      |      |      |       |                 |         |         |       |         |         |        |                  |                   |                   |                 |                  |         |                   |
| Unmit.              | 1.15 | 4.57 | 8.98 | 12.5  | 0.02            | 0.41    | 0.24    | 0.53  | 0.37    | 0.06    | 0.39   |                  | 2150              | 2150              | 0.09            | 0.04             | 1.28    | 2160              |
| Mit.                | 0.24 | 3.84 | 1.64 | 13.7  | 0.02            | 0.04    | 0.24    | 0.26  | 0.04    | 0.06    | 0.08   |                  | 2150              | 2150              | 0.09            | 0.04             | 1.28    | 2160              |
| % Reduced           | 79.4 | 16   | 81.7 | -9.33 |                 | 90.5    |         | 50.1  | 89.7    |         | 79.4   |                  |                   |                   |                 |                  |         |                   |
| Daily, Winter (Max) |      |      |      |       |                 |         |         |       |         |         |        |                  |                   |                   |                 |                  |         |                   |
| Unmit.              | 0.7  | 0.59 | 5.98 | 7.09  | 0.01            | 0.28    | 0.02    | 0.31  | 0.26    | 0.01    | 0.27   |                  | 1351              | 1351              | 0.05            | 0.02             | < 0.005 | 1357              |
| Mit.                | 0.13 | 0.13 | 0.69 | 8.19  | 0.01            | 0.03    | 0.02    | 0.05  | 0.03    | 0.01    | 0.03   |                  | 1351              | 1351              | 0.05            | 0.02             | < 0.005 | 1357              |
| % Reduced           | 81.3 | 78.1 | 88.5 | -15.6 |                 | 91.2    |         | 84.7  | 90.4    |         | 88.6   |                  |                   |                   |                 |                  |         |                   |
| Average Daily (Max) |      |      |      |       |                 |         |         |       |         |         |        |                  |                   |                   |                 |                  |         |                   |
| Unmit.              | 0.31 | 0.41 | 2.54 | 3.2   | 0.01            | 0.12    | 0.02    | 0.14  | 0.11    | 0.01    | 0.12   |                  | 607               | 607               | 0.02            | 0.01             | 0.06    | 610               |
| Mit.                | 0.06 | 0.21 | 0.33 | 3.69  | 0.01            | 0.01    | 0.02    | 0.03  | 0.01    | 0.01    | 0.02   |                  | 607               | 607               | 0.02            | 0.01             | 0.06    | 610               |
| % Reduced           | 80.6 | 49   | 86.9 | -15.3 |                 | 90.6    |         | 76.8  | 89.7    |         | 86.2   |                  |                   |                   |                 |                  |         |                   |
| Annual (Max)        |      |      |      |       |                 |         |         |       |         |         |        |                  |                   |                   |                 |                  |         |                   |
| Unmit.              | 0.06 | 0.07 | 0.46 | 0.58  | < 0.005         | 0.02    | < 0.005 | 0.03  | 0.02    | < 0.005 | 0.02   |                  | 100               | 100               | < 0.005         | < 0.005          | 0.01    | 101               |
| Mit.                | 0.01 | 0.04 | 0.06 | 0.67  | < 0.005         | < 0.005 | < 0.005 | 0.01  | < 0.005 | < 0.005 | 0.02   |                  | 100               | 100               | < 0.005         | < 0.005          | 0.01    | 101               |
| % Reduced           | 80.6 | 49   | 86.9 | -15.3 |                 | 90.6    |         | 76.8  | 89.7    |         | 86.2   |                  |                   |                   |                 |                  |         |                   |

2.2. Construction Emissions by Year, Unmitigated

| Year                 | TOG  | ROG  | NOx  | CO   | SO <sub>2</sub> | PM10E | PM10D   | PM10T | PM2.5E | PM2.5D  | PM2.5T | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R       | CO <sub>2</sub> e |
|----------------------|------|------|------|------|-----------------|-------|---------|-------|--------|---------|--------|------------------|-------------------|-------------------|-----------------|------------------|---------|-------------------|
| Daily - Summer (Max) |      |      |      |      |                 |       |         |       |        |         |        |                  |                   |                   |                 |                  |         |                   |
| 2023                 | 1.02 | 8.54 | 11.3 | 0.02 | 0.41            | 0.24  | 0.53    | 0.37  | 0.06   | 0.39    |        |                  | 2005              | 2005              | 0.08            | 0.04             | 1.28    | 2014              |
| 2024                 | 1.15 | 4.57 | 8.98 | 12.5 | 0.02            | 0.39  | 0.1     | 0.49  | 0.36   | 0.02    | 0.39   |                  | 2150              | 2150              | 0.09            | 0.02             | 0.48    | 2160              |
| Daily - Winter (Max) |      |      |      |      |                 |       |         |       |        |         |        |                  |                   |                   |                 |                  |         |                   |
| 2023                 | 0.7  | 0.59 | 5.98 | 7.09 | 0.01            | 0.28  | 0.02    | 0.31  | 0.26   | 0.01    | 0.27   |                  | 1351              | 1351              | 0.05            | 0.02             | < 0.005 | 1357              |
| 2024                 | 0.67 | 0.56 | 5.64 | 7.06 | 0.01            | 0.26  | 0.02    | 0.28  | 0.24   | 0.01    | 0.24   |                  | 1350              | 1350              | 0.05            | 0.02             | < 0.005 | 1356              |
| Average Daily        |      |      |      |      |                 |       |         |       |        |         |        |                  |                   |                   |                 |                  |         |                   |
| 2023                 | 0.3  | 0.25 | 2.48 | 3.02 | 0.01            | 0.12  | 0.02    | 0.14  | 0.11   | 0.01    | 0.12   |                  | 575               | 575               | 0.02            | 0.01             | 0.06    | 578               |
| 2024                 | 0.31 | 0.41 | 2.54 | 3.2  | 0.01            | 0.11  | 0.01    | 0.13  | 0.11   | < 0.005 | 0.11   |                  | 607               | 607               | 0.02            | 0.01             | 0.03    | 610               |
| Annual               |      |      |      |      |                 |       |         |       |        |         |        |                  |                   |                   |                 |                  |         |                   |
| 2023                 | 0.05 | 0.05 | 0.45 | 0.55 | < 0.005         | 0.02  | < 0.005 | 0.03  | 0.02   | < 0.005 | 0.02   |                  | 95.2              | 95.2              | < 0.005         | < 0.005          | 0.01    | 95.7              |
| 2024                 | 0.06 | 0.07 | 0.46 | 0.58 | < 0.005         | 0.02  | < 0.005 | 0.02  | 0.02   | < 0.005 | 0.02   |                  | 100               | 100               | < 0.005         | < 0.005          | < 0.005 | 101               |

2.3. Construction Emissions by Year, Mitigated

| Year                 | TOG  | ROG  | NOx  | CO   | SO <sub>2</sub> | PM10E   | PM10D   | PM10T   | PM2.5E  | PM2.5D  | PM2.5T  | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R       | CO <sub>2</sub> e |
|----------------------|------|------|------|------|-----------------|---------|---------|---------|---------|---------|---------|------------------|-------------------|-------------------|-----------------|------------------|---------|-------------------|
| Daily - Summer (Max) |      |      |      |      |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| 2023                 | 0.21 | 0.21 | 1    | 12.7 | 0.02            | 0.04    | 0.26    | 0.04    | 0.06    | 0.08    |         |                  | 2005              | 2005              | 0.08            | 0.04             | 1.28    | 2014              |
| 2024                 | 0.24 | 3.84 | 1.64 | 13.7 | 0.02            | 0.04    | 0.1     | 0.14    | 0.04    | 0.02    | 0.06    |                  | 2150              | 2150              | 0.09            | 0.02             | 0.48    | 2160              |
| Daily - Winter (Max) |      |      |      |      |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| 2023                 | 0.13 | 0.13 | 0.69 | 8.19 | 0.01            | 0.03    | 0.02    | 0.05    | 0.03    | 0.01    | 0.03    |                  | 1351              | 1351              | 0.05            | 0.02             | < 0.005 | 1357              |
| 2024                 | 0.13 | 0.13 | 0.69 | 8.18 | 0.01            | 0.03    | 0.02    | 0.05    | 0.03    | 0.01    | 0.03    |                  | 1350              | 1350              | 0.05            | 0.02             | < 0.005 | 1356              |
| Average Daily        |      |      |      |      |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| 2023                 | 0.06 | 0.06 | 0.3  | 3.44 | 0.01            | 0.01    | 0.02    | 0.03    | 0.01    | 0.01    | 0.02    |                  | 575               | 575               | 0.02            | 0.01             | 0.06    | 578               |
| 2024                 | 0.06 | 0.21 | 0.33 | 3.69 | 0.01            | 0.01    | 0.01    | 0.02    | 0.01    | < 0.005 | 0.01    |                  | 607               | 607               | 0.02            | 0.01             | 0.03    | 610               |
| Annual               |      |      |      |      |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| 2023                 | 0.01 | 0.01 | 0.06 | 0.63 | < 0.005         | < 0.005 | < 0.005 | 0.01    | < 0.005 | < 0.005 | < 0.005 |                  | 95.2              | 95.2              | < 0.005         | < 0.005          | 0.01    | 95.7              |
| 2024                 | 0.01 | 0.04 | 0.06 | 0.67 | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |                  | 100               | 100               | < 0.005         | < 0.005          | < 0.005 | 101               |

3. Construction Emissions Details

3.1. Demolition (2023) - Unmitigated

| Location            | TOG     | ROG     | NOx     | CO      | SO <sub>2</sub> | PM10E   | PM10D   | PM10T   | PM2.5E  | PM2.5D  | PM2.5T  | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R       | CO <sub>2</sub> e |
|---------------------|---------|---------|---------|---------|-----------------|---------|---------|---------|---------|---------|---------|------------------|-------------------|-------------------|-----------------|------------------|---------|-------------------|
| Onsite              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Daily, Summer (Max) |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment  | 0.36    | 0.31    | 2.99    | 4.01    | 0.01            | 0.17    |         | 0.17    | 0.15    |         | 0.15    |                  | 595               | 595               | 0.02            | < 0.005          |         | 597               |
| Demolition          |         |         |         |         |                 |         | 0       | 0       |         | 0       |         |                  |                   |                   |                 |                  |         |                   |
| Onsite truck        | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Daily, Winter (Max) |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Average Daily       |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment  | 0.03    | 0.02    | 0.24    | 0.32    | < 0.005         | 0.01    |         | 0.01    | 0.01    |         | 0.01    |                  | 47.3              | 47.3              | < 0.005         | < 0.005          |         | 47.5              |
| Demolition          |         |         |         |         |                 |         | 0       | 0       |         | 0       |         |                  |                   |                   |                 |                  |         |                   |
| Onsite truck        | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Annual              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment  | 0.01    | < 0.005 | 0.04    | 0.06    | < 0.005         | < 0.005 |         | < 0.005 | < 0.005 |         | < 0.005 |                  | 7.83              | 7.83              | < 0.005         | < 0.005          |         | 7.86              |
| Demolition          |         |         |         |         |                 |         | 0       | 0       |         | 0       |         |                  |                   |                   |                 |                  |         |                   |
| Onsite truck        | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Offsite             |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Daily, Summer (Max) |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker              | 0.04    | 0.04    | 0.04    | 0.61    | 0               | 0       | 0.1     | 0.1     | 0       | 0.02    | 0.02    |                  | 108               | 108               | < 0.005         | < 0.005          | 0.46    | 110               |
| Vendor              | 0.01    | < 0.005 | 0.16    | 0.08    | < 0.005         | < 0.005 | 0.03    | 0.04    | < 0.005 | 0.01    | 0.01    |                  | 131               | 131               | 0.01            | 0.02             | 0.35    | 137               |
| Hauling             | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Daily, Winter (Max) |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Average Daily       |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.04    | 0               | 0       | 0.01    | 0.01    | 0       | < 0.005 | < 0.005 |                  | 8.27              | 8.27              | < 0.005         | < 0.005          | 0.02    | 8.39              |
| Vendor              | < 0.005 | < 0.005 | 0.01    | 0.01    | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |                  | 10.4              | 10.4              | < 0.005         | < 0.005          | 0.01    | 10.8              |
| Hauling             | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Annual              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.01    | 0               | 0       | < 0.005 | < 0.005 | 0       | < 0.005 | < 0.005 |                  | 1.37              | 1.37              | < 0.005         | < 0.005          | < 0.005 | 1.39              |
| Vendor              | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |                  | 1.72              | 1.72              | < 0.005         | < 0.005          | < 0.005 | 1.8               |
| Hauling             | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |

3.2. Demolition (2023) - Mitigated

| Location            | TOG     | ROG     | NOx     | CO      | SO <sub>2</sub> | PM10E   | PM10D   | PM10T   | PM2.5E  | PM2.5D  | PM2.5T  | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R       | CO <sub>2</sub> e |
|---------------------|---------|---------|---------|---------|-----------------|---------|---------|---------|---------|---------|---------|------------------|-------------------|-------------------|-----------------|------------------|---------|-------------------|
| Onsite              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Daily, Summer (Max) |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment  | 0.06    | 0.06    | 0.29    | 4.17    | 0.01            | 0.01    |         | 0.01    | 0.01    |         | 0.01    |                  | 595               | 595               | 0.02            | < 0.005          |         | 597               |
| Demolition          |         |         |         |         |                 |         | 0       | 0       |         | 0       |         |                  |                   |                   |                 |                  |         |                   |
| Onsite truck        | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Daily, Winter (Max) |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Average Daily       |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment  | < 0.005 | < 0.005 | 0.02    | 0.33    | < 0.005         | < 0.005 |         | < 0.005 | < 0.005 |         | < 0.005 |                  | 47.3              | 47.3              | < 0.005         | < 0.005          |         | 47.5              |
| Demolition          |         |         |         |         |                 |         | 0       | 0       |         | 0       |         |                  |                   |                   |                 |                  |         |                   |
| Onsite truck        | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Annual              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment  | < 0.005 | < 0.005 | < 0.005 | 0.06    | < 0.005         | < 0.005 |         | < 0.005 | < 0.005 |         | < 0.005 |                  | 7.83              | 7.83              | < 0.005         | < 0.005          |         | 7.86              |
| Demolition          |         |         |         |         |                 |         | 0       | 0       |         | 0       |         |                  |                   |                   |                 |                  |         |                   |
| Onsite truck        | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Offsite             |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Daily, Summer (Max) |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker              | 0.04    | 0.04    | 0.04    | 0.61    | 0               | 0       | 0.1     | 0.1     | 0       | 0.02    | 0.02    |                  | 108               | 108               | < 0.005         | < 0.005          | 0.46    | 110               |
| Vendor              | 0.01    | < 0.005 | 0.08    | 0.08    | < 0.005         | 0.03    | 0.04    | 0.04    | < 0.005 | 0.01    | 0.01    |                  | 131               | 131               | < 0.005         | 0.02             | 0.35    | 137               |
| Hauling             | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Daily, Winter (Max) |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Average Daily       |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.04    | 0               | 0       | 0.01    | 0.01    | 0       | < 0.005 | < 0.005 |                  | 8.27              | 8.27              | < 0.005         | < 0.005          | 0.02    | 8.39              |
| Vendor              | < 0.005 | < 0.005 | 0.01    | 0.01    | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |                  | 10.4              | 10.4              | < 0.005         | < 0.005          | 0.01    | 10.8              |
| Hauling             | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Annual              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.01    | 0               | 0       | < 0.005 | < 0.005 | 0       | < 0.005 | < 0.005 |                  | 1.37              | 1.37              | < 0.005         | < 0.005          | < 0.005 | 1.39              |
| Vendor              | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |                  | 1.72              | 1.72              | < 0.005         | < 0.005          | < 0.005 | 1.8               |
| Hauling             | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |

|                                                 |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
|-------------------------------------------------|---------|---------|---------|---------|-----------------|---------|---------|---------|---------|---------|---------|------------------|-------------------|-------------------|-----------------|------------------|---------|-------------------|
| Daily, Summer (Max)                             | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Off-Road Equipment Demolition                   | 0       | 0       | 0       | 0       | 0               | 0       | 0.02    | 0.02    | 0       | < 0.005 | < 0.005 | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Onsite truck                                    | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Daily, Winter (Max)                             |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Average Daily                                   |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment Demolition                   | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Onsite truck                                    | 0       | 0       | 0       | 0       | 0               | 0       | < 0.005 | < 0.005 | 0       | < 0.005 | < 0.005 | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Annual                                          |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment Demolition                   | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Onsite truck                                    | 0       | 0       | 0       | 0       | 0               | 0       | < 0.005 | < 0.005 | 0       | < 0.005 | < 0.005 | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Offsite                                         |         |         |         |         |                 |         | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Daily, Summer (Max)                             |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker                                          | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Vendor                                          | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Hauling                                         | 0.01    | < 0.005 | 0.09    | 0.03    | < 0.005         | < 0.005 | 0.02    | 0.02    | < 0.005 | 0.01    | 0.01    | 71.6             | 71.6              | < 0.005           | 0.01            | 0.16             | 75.3    | 75.3              |
| Daily, Winter (Max)                             |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Average Daily                                   |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker                                          | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Vendor                                          | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Hauling                                         | < 0.005 | < 0.005 | 0.01    | < 0.005 | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 5.69             | 5.69              | < 0.005           | < 0.005         | 0.01             | 5.97    | 5.97              |
| Annual                                          |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker                                          | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Vendor                                          | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Hauling                                         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.94             | 0.94              | < 0.005           | < 0.005         | < 0.005          | < 0.005 | 0.99              |
| 3.4. Demolition (2023) - Mitigated              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Location                                        | TOG     | ROG     | NOx     | CO      | SO <sub>2</sub> | PM10E   | PM10D   | PM10T   | PM2.5E  | PM2.5D  | PM2.5T  | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R       | CO <sub>2</sub> e |
| Onsite                                          |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Daily, Summer (Max)                             |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment Demolition                   | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | < 0.005 | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Onsite truck                                    | 0       | 0       | 0       | 0       | 0               | 0       | 0.02    | 0.02    | 0       | 0       | < 0.005 | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Daily, Winter (Max)                             |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Average Daily                                   |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment Demolition                   | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | < 0.005 | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Onsite truck                                    | 0       | 0       | 0       | 0       | 0               | 0       | < 0.005 | < 0.005 | 0       | < 0.005 | < 0.005 | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Annual                                          |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment Demolition                   | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Onsite truck                                    | 0       | 0       | 0       | 0       | 0               | 0       | < 0.005 | < 0.005 | 0       | < 0.005 | < 0.005 | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Offsite                                         |         |         |         |         |                 |         | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Daily, Summer (Max)                             |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker                                          | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Vendor                                          | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Hauling                                         | 0.01    | < 0.005 | 0.09    | 0.03    | < 0.005         | < 0.005 | 0.02    | 0.02    | < 0.005 | 0.01    | 0.01    | 71.6             | 71.6              | < 0.005           | 0.01            | 0.16             | 75.3    | 75.3              |
| Daily, Winter (Max)                             |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Average Daily                                   |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker                                          | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Vendor                                          | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Hauling                                         | < 0.005 | < 0.005 | 0.01    | < 0.005 | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 5.69             | 5.69              | < 0.005           | < 0.005         | 0.01             | 5.97    | 5.97              |
| Annual                                          |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker                                          | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Vendor                                          | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Hauling                                         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.94             | 0.94              | < 0.005           | < 0.005         | < 0.005          | < 0.005 | 0.99              |
| 3.5. Building Construction (2023) - Unmitigated |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Location                                        | TOG     | ROG     | NOx     | CO      | SO <sub>2</sub> | PM10E   | PM10D   | PM10T   | PM2.5E  | PM2.5D  | PM2.5T  | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R       | CO <sub>2</sub> e |
| Onsite                                          |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Daily, Summer (Max)                             |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment Demolition                   | 0.69    | 0.58    | 5.93    | 7       | 0.01            | 0.28    | 0       | 0.28    | 0.26    | 0       | 0.26    | 1305             | 1305              | 0.05              | 0.01            | 0                | 1309    | 1309              |
| Onsite truck                                    | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Daily, Winter (Max)                             |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment Demolition                   | 0.69    | 0.58    | 5.93    | 7       | 0.01            | 0.28    | 0       | 0.28    | 0.26    | 0       | 0.26    | 1305             | 1305              | 0.05              | 0.01            | 0                | 1309    | 1309              |
| Onsite truck                                    | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Average Daily                                   |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment Demolition                   | 0.25    | 0.21    | 2.17    | 2.56    | < 0.005         | 0.1     | 0       | 0.1     | 0.1     | 0       | 0.1     | 477              | 477               | 0.02              | < 0.005         | 0                | 479     | 479               |
| Onsite truck                                    | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Annual                                          |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment Demolition                   | 0.05    | 0.04    | 0.4     | 0.47    | < 0.005         | 0.02    | 0       | 0.02    | 0.02    | 0       | 0.02    | 79               | 79                | < 0.005           | < 0.005         | 0                | 79.3    | 79.3              |
| Onsite truck                                    | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Offsite                                         |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Daily, Summer (Max)                             |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker                                          | 0.01    | < 0.005 | 0.01    | 0.08    | 0               | 0       | 0.01    | 0.01    | 0       | < 0.005 | < 0.005 | 14.4             | 14.4              | < 0.005           | < 0.005         | 0.06             | 14.7    | 14.7              |
| Vendor                                          | < 0.005 | < 0.005 | 0.04    | 0.02    | < 0.005         | < 0.005 | 0.01    | 0.01    | < 0.005 | < 0.005 | < 0.005 | 32.7             | 32.7              | < 0.005           | < 0.005         | 0.09             | 34.2    | 34.2              |
| Hauling                                         | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Daily, Winter (Max)                             |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker                                          | 0.01    | < 0.005 | 0.01    | 0.07    | 0               | 0       | 0.01    | 0.01    | 0       | < 0.005 | < 0.005 | 13.7             | 13.7              | < 0.005           | < 0.005         | < 0.005          | 13.8    | 13.8              |
| Vendor                                          | < 0.005 | < 0.005 | 0.04    | 0.02    | < 0.005         | < 0.005 | 0.01    | 0.01    | < 0.005 | < 0.005 | < 0.005 | 32.7             | 32.7              | < 0.005           | < 0.005         | < 0.005          | 34.1    | 34.1              |
| Hauling                                         | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Average Daily                                   |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker                                          | < 0.005 | < 0.005 | < 0.005 | 0.03    | 0               | 0       | < 0.005 | < 0.005 | 0       | < 0.005 | < 0.005 | 5.08             | 5.08              | < 0.005           | < 0.005         | 0.01             | 5.15    | 5.15              |
| Vendor                                          | < 0.005 | < 0.005 | 0.02    | 0.01    | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 12               | 12                | < 0.005           | < 0.005         | 0.01             | 12.5    | 12.5              |
| Hauling                                         | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Annual                                          |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker                                          | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0               | 0       | < 0.005 | < 0.005 | 0       | < 0.005 | < 0.005 | 0.84             | 0.84              | < 0.005           | < 0.005         | < 0.005          | 0.85    | 0.85              |
| Vendor                                          | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 1.98             | 1.98              | < 0.005           | < 0.005         | < 0.005          | 2.07    | 2.07              |
| Hauling                                         | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| 3.6. Building Construction (2023) - Mitigated   |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Location                                        | TOG     | ROG     | NOx     | CO      | SO <sub>2</sub> | PM10E   | PM10D   | PM10T   | PM2.5E  | PM2.5D  | PM2.5T  | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R       | CO <sub>2</sub> e |
| Onsite                                          |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Daily, Summer (Max)                             |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment Demolition                   | 0.12    | 0.12    | 0.64    | 8.1     | 0.01            | 0.02    | 0       | 0.02    | 0.02    | 0       | 0.02    | 1305             | 1305              | 0.05              | 0.01            | 0                | 1309    | 1309              |
| Onsite truck                                    | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Daily, Winter (Max)                             |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment Demolition                   | 0.12    | 0.12    | 0.64    | 8.1     | 0.01            | 0.02    | 0       | 0.02    | 0.02    | 0       | 0.02    | 1305             | 1305              | 0.05              | 0.01            | 0                | 1309    | 1309              |
| Onsite truck                                    | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Average Daily                                   |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment Demolition                   | 0.05    | 0.05    | 0.23    | 2.96    | < 0.005         | 0.01    | 0       | 0.01    | 0.01    | 0       | 0.01    | 477              | 477               | 0.02              | < 0.005         | 0                | 479     | 479               |
| Onsite truck                                    | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Annual                                          |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment Demolition                   | 0.01    | 0.01    | 0.04    | 0.54    | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | <       |         |                  |                   |                   |                 |                  |         |                   |

|                                                 |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
|-------------------------------------------------|--------|--------|--------|--------|-----------------|--------|--------|--------|--------|--------|--------|------------------|-------------------|-------------------|-----------------|------------------|--------|-------------------|
| Daily, Winter (Max)                             |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Worker                                          | <0.005 | <0.005 | 0.01   | 0.06   | 0               | 0      | 0.01   | 0.01   | 0      | <0.005 | <0.005 |                  | 13.4              | 13.4              | <0.005          | <0.005           | <0.005 | 13.5              |
| Vendor                                          | <0.005 | <0.005 | 0.04   | 0.02   | <0.005          | <0.005 | 0.01   | 0.01   | <0.005 | <0.005 | <0.005 |                  | 32.3              | 32.3              | <0.005          | <0.005           | <0.005 | 33.6              |
| Hauling                                         | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Average Daily                                   |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Worker                                          | <0.005 | <0.005 | <0.005 | 0.03   | 0               | 0      | 0.01   | 0.01   | 0      | <0.005 | <0.005 |                  | 5.95              | 5.95              | <0.005          | <0.005           | 0.01   | 6.04              |
| Vendor                                          | <0.005 | <0.005 | 0.02   | 0.01   | <0.005          | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |                  | 14.1              | 14.1              | <0.005          | <0.005           | 0.02   | 14.8              |
| Hauling                                         | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Annual                                          |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Worker                                          | <0.005 | <0.005 | <0.005 | 0.01   | 0               | 0      | <0.005 | <0.005 | 0      | <0.005 | <0.005 |                  | 0.99              | 0.99              | <0.005          | <0.005           | <0.005 | 1                 |
| Vendor                                          | <0.005 | <0.005 | <0.005 | <0.005 | <0.005          | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |                  | 2.34              | 2.34              | <0.005          | <0.005           | <0.005 | 2.44              |
| Hauling                                         | 0      | 0      | 0      | 0      | <0.005          | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |                  | 0                 | 0                 | <0.005          | <0.005           | <0.005 | 0                 |
| 3.8. Building Construction (2024) - Mitigated   |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Location                                        | TOG    | ROG    | NOx    | CO     | SO <sub>2</sub> | PM10E  | PM10D  | PM10T  | PM2.5E | PM2.5D | PM2.5T | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R      | CO <sub>2</sub> e |
| Onsite                                          |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Daily, Summer (Max)                             |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Off-Road Equipment                              | 0.12   | 0.12   | 0.64   | 8.1    | 0.01            | 0.02   |        | 0.02   | 0.02   |        | 0.02   |                  | 1305              | 1305              | 0.05            | 0.01             |        | 1309              |
| Onsite truck                                    | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Daily, Winter (Max)                             |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Off-Road Equipment                              | 0.12   | 0.12   | 0.64   | 8.1    | 0.01            | 0.02   |        | 0.02   | 0.02   |        | 0.02   |                  | 1305              | 1305              | 0.05            | 0.01             |        | 1309              |
| Onsite truck                                    | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Average Daily                                   |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Off-Road Equipment                              | 0.05   | 0.05   | 0.28   | 3.55   | 0.01            | 0.01   |        | 0.01   | 0.01   |        | 0.01   |                  | 572               | 572               | 0.02            | <0.005           |        | 574               |
| Onsite truck                                    | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Annual                                          |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Off-Road Equipment                              | 0.01   | 0.01   | 0.05   | 0.65   | <0.005          | <0.005 |        | <0.005 | <0.005 |        | <0.005 |                  | 94.7              | 94.7              | <0.005          | <0.005           |        | 95                |
| Onsite truck                                    | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Offsite                                         |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Daily, Summer (Max)                             |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Worker                                          | <0.005 | <0.005 | <0.005 | 0.08   | 0               | 0      | 0.01   | 0.01   | 0      | <0.005 | <0.005 |                  | 14.1              | 14.1              | <0.005          | <0.005           | 0.06   | 14.3              |
| Vendor                                          | <0.005 | <0.005 | 0.04   | 0.02   | <0.005          | <0.005 | 0.01   | 0.01   | <0.005 | <0.005 | <0.005 |                  | 32.3              | 32.3              | <0.005          | <0.005           | 0.09   | 33.7              |
| Hauling                                         | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Daily, Winter (Max)                             |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Worker                                          | <0.005 | <0.005 | 0.01   | 0.06   | 0               | 0      | 0.01   | 0.01   | 0      | <0.005 | <0.005 |                  | 13.4              | 13.4              | <0.005          | <0.005           | <0.005 | 13.5              |
| Vendor                                          | <0.005 | <0.005 | 0.04   | 0.02   | <0.005          | <0.005 | 0.01   | 0.01   | <0.005 | <0.005 | <0.005 |                  | 32.3              | 32.3              | <0.005          | <0.005           | <0.005 | 33.6              |
| Hauling                                         | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Average Daily                                   |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Worker                                          | <0.005 | <0.005 | <0.005 | 0.03   | 0               | 0      | 0.01   | 0.01   | 0      | <0.005 | <0.005 |                  | 5.95              | 5.95              | <0.005          | <0.005           | 0.01   | 6.04              |
| Vendor                                          | <0.005 | <0.005 | 0.02   | 0.01   | <0.005          | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |                  | 14.1              | 14.1              | <0.005          | <0.005           | 0.02   | 14.8              |
| Hauling                                         | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Annual                                          |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Worker                                          | <0.005 | <0.005 | <0.005 | 0.01   | 0               | 0      | <0.005 | <0.005 | 0      | <0.005 | <0.005 |                  | 0.99              | 0.99              | <0.005          | <0.005           | <0.005 | 1                 |
| Vendor                                          | <0.005 | <0.005 | <0.005 | <0.005 | <0.005          | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |                  | 2.34              | 2.34              | <0.005          | <0.005           | <0.005 | 2.44              |
| Hauling                                         | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| 3.9. Architectural Coating (2024) - Unmitigated |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Location                                        | TOG    | ROG    | NOx    | CO     | SO <sub>2</sub> | PM10E  | PM10D  | PM10T  | PM2.5E | PM2.5D | PM2.5T | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R      | CO <sub>2</sub> e |
| Onsite                                          |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Daily, Summer (Max)                             |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Off-Road Equipment                              | 0.17   | 0.14   | 0.91   | 1.15   | <0.005          | 0.03   |        | 0.03   | 0.03   |        | 0.03   |                  | 134               | 134               | 0.01            | <0.005           |        | 134               |
| Architectural Coatings                          |        | 3.61   |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Onsite truck                                    | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Daily, Winter (Max)                             |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Off-Road Equipment                              | 0.01   | 0.01   | 0.04   | 0.05   | <0.005          | <0.005 |        | <0.005 | <0.005 |        | <0.005 |                  | 5.49              | 5.49              | <0.005          | <0.005           |        | 5.51              |
| Architectural Coatings                          |        | 0.15   |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Onsite truck                                    | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| 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              |
| Architectural Coatings                          |        | 0.03   |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Onsite truck                                    | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Offsite                                         |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Daily, Summer (Max)                             |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Worker                                          | <0.005 | <0.005 | <0.005 | 0.08   | 0               | 0      | 0.01   | 0.01   | 0      | <0.005 | <0.005 |                  | 14.1              | 14.1              | <0.005          | <0.005           | 0.06   | 14.3              |
| Vendor                                          | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Hauling                                         | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Daily, Winter (Max)                             |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Off-Road Equipment                              |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Architectural Coatings                          |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Onsite truck                                    |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Average Daily                                   |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Worker                                          | <0.005 | <0.005 | <0.005 | <0.005 | 0               | 0      | <0.005 | <0.005 | 0      | <0.005 | <0.005 |                  | 0.56              | 0.56              | <0.005          | <0.005           | <0.005 | 0.57              |
| Vendor                                          | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Hauling                                         | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Annual                                          |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Worker                                          | <0.005 | <0.005 | <0.005 | <0.005 | 0               | 0      | <0.005 | <0.005 | 0      | <0.005 | <0.005 |                  | 0.09              | 0.09              | <0.005          | <0.005           | <0.005 | 0.09              |
| Vendor                                          | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Hauling                                         | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| 3.10. Architectural Coating (2024) - Mitigated  |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Location                                        | TOG    | ROG    | NOx    | CO     | SO <sub>2</sub> | PM10E  | PM10D  | PM10T  | PM2.5E | PM2.5D | PM2.5T | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R      | CO <sub>2</sub> e |
| 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               |
| Architectural Coatings                          |        | 3.61   |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Onsite truck                                    | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Daily, Winter (Max)                             |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| 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              |
| Architectural Coatings                          |        | 0.15   |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Onsite truck                                    | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| 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              |
| Architectural Coatings                          |        | 0.03   |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Onsite truck                                    | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Offsite                                         |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Daily, Summer (Max)                             |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Worker                                          | <0.005 | <0.005 | <0.005 | 0.08   | 0               | 0      | 0.01   | 0.01   | 0      | <0.005 | <0.005 |                  | 14.1              | 14.1              | <0.005          | <0.005           | 0.06   | 14.3              |
| Vendor                                          | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Hauling                                         | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Daily, Winter (Max)                             |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Off-Road Equipment                              |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Architectural Coatings                          |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Onsite truck                                    |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Average Daily                                   |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Worker                                          | <0.005 | <0.005 | <0.005 | <0.005 | 0               | 0      | <0.005 | <0.005 | 0      | <0.005 | <0.005 |                  | 0.56              | 0.56              | <0.005          | <0.005           | <0.005 | 0.57              |
| Vendor                                          | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Hauling                                         | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Annual                                          |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Worker                                          | <0.005 | <0.005 | <0.005 | <0.005 | 0               | 0      | <0.005 | <0.005 | 0      | <0.005 | <0.005 |                  | 0.09              | 0.09              | <0.005          | <0.005           | <0.005 | 0.09              |
| Vendor                                          | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| Hauling                                         | 0      | 0      | 0      | 0      | 0               | 0      | 0      | 0      | 0      | 0      | 0      |                  | 0                 | 0                 | 0               | 0                | 0      | 0                 |
| 3.11. Trenching (2023) - Unmitigated            |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Location                                        | TOG    | ROG    | NOx    | CO     | SO <sub>2</sub> | PM10E  | PM10D  | PM10T  | PM2.5E | PM2.5D | PM2.5T | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R      | CO <sub>2</sub> e |
| Onsite                                          |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Daily, Summer (Max)                             |        |        |        |        |                 |        |        |        |        |        |        |                  |                   |                   |                 |                  |        |                   |
| Off-Road Equipment                              | 0.29   | 0.25   | 2.54   | 3.82   | 0.01            | 0.12   |        | 0.12   | 0.11   |        | 0.11   |                  |                   |                   |                 |                  |        |                   |



|                                                                 |                                                                                                                                           |                                          |                                              |                                              |                             |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------|----------------------------------------------|-----------------------------|
| Phase 1 Asphalt Demolition Debris Haul                          |                                                                                                                                           |                                          |                                              |                                              |                             |
| Phase 1 Asphalt Demolition Debris Haul                          | Worker                                                                                                                                    | 0                                        | 18.5                                         | LDA,LDT1,LDT2                                |                             |
| Phase 1 Asphalt Demolition Debris Haul                          | Vendor                                                                                                                                    | 0                                        | 10.2                                         | HHDT,MHDT                                    |                             |
| Phase 1 Asphalt Demolition Debris Haul                          | Hauling                                                                                                                                   | 1                                        | 20                                           | HHDT                                         |                             |
| Phase 1 Asphalt Demolition Debris Haul                          | Onsite truck                                                                                                                              | 0                                        |                                              | HHDT                                         |                             |
| Phase 1 Utility Trenching                                       |                                                                                                                                           |                                          |                                              |                                              |                             |
| Phase 1 Utility Trenching                                       | Worker                                                                                                                                    | 5                                        | 18.5                                         | LDA,LDT1,LDT2                                |                             |
| Phase 1 Utility Trenching                                       | Vendor                                                                                                                                    | 0                                        | 10.2                                         | HHDT,MHDT                                    |                             |
| Phase 1 Utility Trenching                                       | Hauling                                                                                                                                   | 0                                        | 20                                           | HHDT                                         |                             |
| Phase 1 Utility Trenching                                       | Onsite truck                                                                                                                              | 0                                        |                                              | HHDT                                         |                             |
| Phase 1 Finishing/Landscaping                                   |                                                                                                                                           |                                          |                                              |                                              |                             |
| Phase 1 Finishing/Landscaping                                   | Worker                                                                                                                                    | 5                                        | 18.5                                         | LDA,LDT1,LDT2                                |                             |
| Phase 1 Finishing/Landscaping                                   | Vendor                                                                                                                                    | 0                                        | 10.2                                         | HHDT,MHDT                                    |                             |
| Phase 1 Finishing/Landscaping                                   | Hauling                                                                                                                                   | 0                                        | 20                                           | HHDT                                         |                             |
| Phase 1 Finishing/Landscaping                                   | Onsite truck                                                                                                                              | 0                                        |                                              | HHDT                                         |                             |
| 5.3.2. Mitigated                                                |                                                                                                                                           |                                          |                                              |                                              |                             |
| Phase Name                                                      | Trip Type                                                                                                                                 | One-Way Trips per Day                    | Miles per Trip                               | Vehicle Mix                                  |                             |
| Phase 1 Asphalt Demolition                                      | Worker                                                                                                                                    | 7.5                                      | 18.5                                         | LDA,LDT1,LDT2                                |                             |
| Phase 1 Asphalt Demolition                                      | Vendor                                                                                                                                    | 4                                        | 10.2                                         | HHDT,MHDT                                    |                             |
| Phase 1 Asphalt Demolition                                      | Hauling                                                                                                                                   | 0                                        | 20                                           | HHDT                                         |                             |
| Phase 1 Asphalt Demolition                                      | Onsite truck                                                                                                                              | 0                                        |                                              | HHDT                                         |                             |
| Phase 1 Building Construction                                   |                                                                                                                                           |                                          |                                              |                                              |                             |
| Phase 1 Building Construction                                   | Worker                                                                                                                                    | 1                                        | 18.5                                         | LDA,LDT1,LDT2                                |                             |
| Phase 1 Building Construction                                   | Vendor                                                                                                                                    | 1                                        | 10.2                                         | HHDT,MHDT                                    |                             |
| Phase 1 Building Construction                                   | Hauling                                                                                                                                   | 0                                        | 20                                           | HHDT                                         |                             |
| Phase 1 Building Construction                                   | Onsite truck                                                                                                                              | 0                                        |                                              | HHDT                                         |                             |
| Phase 1 Architectural Coating                                   |                                                                                                                                           |                                          |                                              |                                              |                             |
| Phase 1 Architectural Coating                                   | Worker                                                                                                                                    | 1                                        | 18.5                                         | LDA,LDT1,LDT2                                |                             |
| Phase 1 Architectural Coating                                   | Vendor                                                                                                                                    | 0                                        | 10.2                                         | HHDT,MHDT                                    |                             |
| Phase 1 Architectural Coating                                   | Hauling                                                                                                                                   | 0                                        | 20                                           | HHDT                                         |                             |
| Phase 1 Architectural Coating                                   | Onsite truck                                                                                                                              | 0                                        |                                              | HHDT                                         |                             |
| Phase 1 Asphalt Demolition Debris Haul                          |                                                                                                                                           |                                          |                                              |                                              |                             |
| Phase 1 Asphalt Demolition Debris Haul                          | Worker                                                                                                                                    | 0                                        | 18.5                                         | LDA,LDT1,LDT2                                |                             |
| Phase 1 Asphalt Demolition Debris Haul                          | Vendor                                                                                                                                    | 0                                        | 10.2                                         | HHDT,MHDT                                    |                             |
| Phase 1 Asphalt Demolition Debris Haul                          | Hauling                                                                                                                                   | 1                                        | 20                                           | HHDT                                         |                             |
| Phase 1 Asphalt Demolition Debris Haul                          | Onsite truck                                                                                                                              | 0                                        |                                              | HHDT                                         |                             |
| Phase 1 Utility Trenching                                       |                                                                                                                                           |                                          |                                              |                                              |                             |
| Phase 1 Utility Trenching                                       | Worker                                                                                                                                    | 5                                        | 18.5                                         | LDA,LDT1,LDT2                                |                             |
| Phase 1 Utility Trenching                                       | Vendor                                                                                                                                    | 0                                        | 10.2                                         | HHDT,MHDT                                    |                             |
| Phase 1 Utility Trenching                                       | Hauling                                                                                                                                   | 0                                        | 20                                           | HHDT                                         |                             |
| Phase 1 Utility Trenching                                       | Onsite truck                                                                                                                              | 0                                        |                                              | HHDT                                         |                             |
| Phase 1 Finishing/Landscaping                                   |                                                                                                                                           |                                          |                                              |                                              |                             |
| Phase 1 Finishing/Landscaping                                   | Worker                                                                                                                                    | 5                                        | 18.5                                         | LDA,LDT1,LDT2                                |                             |
| Phase 1 Finishing/Landscaping                                   | Vendor                                                                                                                                    | 0                                        | 10.2                                         | HHDT,MHDT                                    |                             |
| Phase 1 Finishing/Landscaping                                   | Hauling                                                                                                                                   | 0                                        | 20                                           | HHDT                                         |                             |
| Phase 1 Finishing/Landscaping                                   | Onsite truck                                                                                                                              | 0                                        |                                              | 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) |
| Phase 1 Architectural Coating                                   | 0                                                                                                                                         | 0                                        | 15930                                        | 5310                                         | 1051                        |
| 5.6. Dust Mitigation                                            |                                                                                                                                           |                                          |                                              |                                              |                             |
| 5.6.1. Construction Earthmoving Activities                      |                                                                                                                                           |                                          |                                              |                                              |                             |
| Phase Name                                                      | Material Imported (cy)                                                                                                                    | Material Exported (cy)                   | Acres Graded (acres)                         | Material Demolished (Ton of Debris)          | Acres Paved (acres)         |
| Phase 1 Asphalt Demolition                                      | 0                                                                                                                                         | 0                                        | 0                                            | 0                                            |                             |
| Phase 1 Asphalt Demolition Debris Haul                          | 0                                                                                                                                         | 0                                        | 0                                            | 48                                           |                             |
| 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                                |                                              |                                              |                             |
| Elementary School                                               | 0                                                                                                                                         | 0                                        |                                              |                                              |                             |
| Other Non-Asphalt Surfaces                                      | 0.33                                                                                                                                      | 0                                        |                                              |                                              |                             |
| Other Non-Asphalt Surfaces                                      | 0.29                                                                                                                                      | 0                                        |                                              |                                              |                             |
| 5.8. Construction Electricity Consumption and Emissions Factors |                                                                                                                                           |                                          |                                              |                                              |                             |
| Year                                                            | kWh per Year                                                                                                                              | CO2                                      | CH4                                          | N2O                                          |                             |
| 2023                                                            | 0                                                                                                                                         | 450                                      | 0.03                                         | < 0.005                                      |                             |
| 2024                                                            | 0                                                                                                                                         | 450                                      | 0.03                                         | < 0.005                                      |                             |
| 8. User Changes to Default Data Screen                          |                                                                                                                                           |                                          |                                              |                                              |                             |
| Characteristics: Project Details                                | Justification                                                                                                                             |                                          |                                              |                                              |                             |
| Characteristics: Utility Information                            | 2021 SCE Sustainability Report                                                                                                            |                                          |                                              |                                              |                             |
| Construction: Construction Phases                               | based on CalEEMod default schedule, normalized to fit schedule provided by District                                                       |                                          |                                              |                                              |                             |
| Construction: Off-Road Equipment                                | based on equipment provided by District, with CalEEMod default equipment used for building construction and architectural coating.        |                                          |                                              |                                              |                             |
| Construction: Trips and VMT                                     | see assumptions file for water truck trips and demolition trips. Trips for building construction and architectural coating rounded up     |                                          |                                              |                                              |                             |
| Construction: Architectural Coatings                            | South Coast AQMD Rule Rule 1113. Assumes renovated buildings will also be coated. Assumes landscaped and hardscaped areas will be coated. |                                          |                                              |                                              |                             |
| Construction: Electricity                                       | 2021 SCE Sustainability Report                                                                                                            |                                          |                                              |                                              |                             |

1. Basic Project Information

1.1. Basic Project Information

|                             |                                              |
|-----------------------------|----------------------------------------------|
| Date Field                  | Value                                        |
| Project Name                | Grant Elementary School Construction Phase 2 |
| Lead Agency                 |                                              |
| Land Use Scale              | Project/Site                                 |
| Analysis Level for Defaults | County                                       |
| Windspeed (m/s)             | 2.7                                          |
| Precipitation (days)        | 20.2                                         |
| Location                    | 2368 Pearl St, Santa Monica, CA 90405, USA   |
| County                      | Los Angeles-South Coast                      |
| City                        | Santa Monica                                 |
| Air District                | South Coast AQMD                             |
| Air Basin                   | South Coast                                  |
| TAZ                         | 4411                                         |
| EDFZ                        | 7                                            |
| Electric Utility            | Southern California Edison                   |
| Gas Utility                 | Southern California Gas                      |

1.2. Land Use Types

| Land Use Subtype           | Size | Unit     | Lot Acreage | Building Area (sq ft) | Landscape Area (sq ft) | Special Landscap | Population | Description |
|----------------------------|------|----------|-------------|-----------------------|------------------------|------------------|------------|-------------|
| Elementary School          | 10.6 | 1000sqft | 0.24        | 10626                 | 0                      | 0                | 0          |             |
| Parking Lot                | 22.8 | 1000sqft | 0.52        | 0                     | 0                      | 0                | 0          |             |
| Other Asphalt Surfaces     | 10.2 | 1000sqft | 0.23        | 0                     | 0                      | 0                | 0          |             |
| Other Non-Asphalt Surfaces | 43.6 | 1000sqft | 1           | 0                     | 43615                  | 0                | 0          |             |
| Other Non-Asphalt Surfaces | 19   | 1000sqft | 0.44        | 0                     | 0                      | 0                | 0          |             |

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

| Un/Mit.             | TOG  | ROG  | NOx  | CO    | SO <sub>2</sub> | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R    | CO <sub>2</sub> e |
|---------------------|------|------|------|-------|-----------------|-------|-------|-------|--------|--------|--------|------------------|-------------------|-------------------|-----------------|------------------|------|-------------------|
| Daily, Summer (Max) |      |      |      |       |                 |       |       |       |        |        |        |                  |                   |                   |                 |                  |      |                   |
| Unmit.              | 2.27 | 1.89 | 16.4 | 21.9  | 0.04            | 0.62  | 1.49  | 1.88  | 0.57   | 0.29   | 0.65   | 4112             | 4112              | 0.17              | 0.2             | 4.11             | 4144 |                   |
| Mit.                | 0.6  | 0.55 | 6.26 | 23.8  | 0.04            | 0.1   | 1.49  | 1.55  | 0.1    | 0.29   | 0.35   | 4112             | 4112              | 0.17              | 0.2             | 4.11             | 4144 |                   |
| % Reduced           | 73.7 | 70.8 | 61.8 | -8.74 |                 | 83.7  |       | 17.9  | 83.2   |        | 47.1   |                  |                   |                   |                 |                  |      |                   |
| Daily, Winter (Max) |      |      |      |       |                 |       |       |       |        |        |        |                  |                   |                   |                 |                  |      |                   |
| Unmit.              | 2.03 | 6.02 | 14.2 | 18.2  | 0.03            | 0.48  | 0.18  | 0.66  | 0.44   | 0.04   | 0.48   | 3346             | 3346              | 0.13              | 0.04            | 0.02             | 3361 |                   |
| Mit.                | 0.73 | 4.98 | 7.16 | 20.1  | 0.03            | 0.15  | 0.18  | 0.33  | 0.14   | 0.04   | 0.18   | 3346             | 3346              | 0.13              | 0.04            | 0.02             | 3361 |                   |
| % Reduced           | 64.2 | 17.2 | 49.7 | -9.95 |                 | 69.4  |       | 50.2  | 68.5   |        | 62.3   |                  |                   |                   |                 |                  |      |                   |
| Average Daily (Max) |      |      |      |       |                 |       |       |       |        |        |        |                  |                   |                   |                 |                  |      |                   |
| Unmit.              | 1.03 | 0.85 | 7.28 | 8.6   | 0.02            | 0.26  | 0.15  | 0.31  | 0.24   | 0.03   | 0.25   | 1652             | 1652              | 0.07              | 0.02            | 0.17             | 1660 |                   |
| Mit.                | 0.27 | 0.26 | 3.29 | 9.7   | 0.02            | 0.05  | 0.15  | 0.17  | 0.05   | 0.03   | 0.06   | 1652             | 1652              | 0.07              | 0.02            | 0.17             | 1660 |                   |
| % Reduced           | 73.6 | 69.4 | 54.7 | -12.7 |                 | 80.2  |       | 45.3  | 79.3   |        | 75.4   |                  |                   |                   |                 |                  |      |                   |
| Annual (Max)        |      |      |      |       |                 |       |       |       |        |        |        |                  |                   |                   |                 |                  |      |                   |
| Unmit.              | 0.19 | 0.16 | 1.33 | 1.57  | < 0.005         | 0.05  | 0.03  | 0.06  | 0.04   | 0.01   | 0.05   | 274              | 274               | 0.01              | < 0.005         | 0.03             | 275  |                   |
| Mit.                | 0.05 | 0.05 | 0.6  | 1.77  | < 0.005         | 0.01  | 0.03  | 0.03  | 0.01   | 0.01   | 0.01   | 274              | 274               | 0.01              | < 0.005         | 0.03             | 275  |                   |
| % Reduced           | 73.6 | 69.4 | 54.7 | -12.7 |                 | 80.2  |       | 45.3  | 79.3   |        | 75.4   |                  |                   |                   |                 |                  |      |                   |

2.2. Construction Emissions by Year, Unmitigated

| Year                 | TOG           | ROG  | NOx  | CO   | SO <sub>2</sub> | PM10E   | PM10D | PM10T   | PM2.5E | PM2.5D | PM2.5T  | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R       | CO <sub>2</sub> e |
|----------------------|---------------|------|------|------|-----------------|---------|-------|---------|--------|--------|---------|------------------|-------------------|-------------------|-----------------|------------------|---------|-------------------|
| Daily - Summer (Max) | 2025          | 2.27 | 1.89 | 16.4 | 21.9            | 0.04    | 0.62  | 1.49    | 1.88   | 0.57   | 0.29    | 0.65             | 4112              | 4112              | 0.17            | 0.2              | 4.11    | 4144              |
|                      | 2026          | 1.44 | 1.2  | 10.2 | 12.1            | 0.02    | 0.36  | 0.07    | 0.43   | 0.33   | 0.02    | 0.35             | 2316              | 2316              | 0.09            | 0.03             | 0.35    | 2327              |
|                      | 2027          | 1.51 | 1.26 | 10.7 | 12.1            | 0.02    | 0.41  | 0.07    | 0.48   | 0.37   | 0.02    | 0.39             | 2315              | 2315              | 0.09            | 0.03             | 0.01    | 2326              |
| Daily - Winter (Max) | 2026          | 1.44 | 1.2  | 10.2 | 12              | 0.02    | 0.36  | 0.07    | 0.43   | 0.33   | 0.02    | 0.35             | 2313              | 2313              | 0.09            | 0.03             | 0.01    | 2323              |
|                      | 2027          | 2.03 | 6.02 | 14.2 | 18.2            | 0.03    | 0.48  | 0.18    | 0.66   | 0.44   | 0.04    | 0.48             | 3346              | 3346              | 0.13            | 0.04             | 0.02    | 3361              |
|                      | Average Daily | 2025 | 0.5  | 0.41 | 3.64            | 4.39    | 0.01  | 0.14    | 0.15   | 0.28   | 0.12    | 0.03             | 0.15              | 885               | 885             | 0.04             | 0.02    | 0.17              |
| Annual               | 2026          | 1.03 | 0.85 | 7.28 | 8.6             | 0.02    | 0.26  | 0.05    | 0.31   | 0.24   | 0.01    | 0.25             | 1652              | 1652              | 0.07            | 0.02             | 0.11    | 1660              |
|                      | 2027          | 0.16 | 0.35 | 1.14 | 1.44            | < 0.005 | 0.04  | 0.01    | 0.05   | 0.03   | < 0.005 | 0.04             | 268               | 268               | 0.01            | < 0.005          | 0.02    | 269               |
|                      | 2025          | 0.09 | 0.08 | 0.66 | 0.8             | < 0.005 | 0.02  | 0.03    | 0.05   | 0.02   | 0.01    | 0.03             | 146               | 146               | 0.01            | < 0.005          | 0.03    | 148               |
|                      | 2026          | 0.19 | 0.16 | 1.33 | 1.57            | < 0.005 | 0.05  | 0.01    | 0.06   | 0.04   | < 0.005 | 0.05             | 274               | 274               | 0.01            | < 0.005          | 0.02    | 275               |
|                      | 2027          | 0.03 | 0.06 | 0.21 | 0.26            | < 0.005 | 0.01  | < 0.005 | 0.01   | 0.01   | < 0.005 | 0.01             | 44.4              | 44.4              | < 0.005         | < 0.005          | < 0.005 | 44.6              |

2.3. Construction Emissions by Year, Mitigated

|                      |      | TOG  | ROG  | NOx  | CO   | SO <sub>2</sub> | PM10E   | PM10D   | PM10T   | PM2.5E  | PM2.5D  | PM2.5T  | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R    | CO <sub>2</sub> e |
|----------------------|------|------|------|------|------|-----------------|---------|---------|---------|---------|---------|---------|------------------|-------------------|-------------------|-----------------|------------------|------|-------------------|
| Daily - Summer (Max) |      |      |      |      |      |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |      |                   |
|                      | 2025 | 0.6  | 0.55 | 6.26 | 23.8 | 0.04            | 0.1     | 1.49    | 1.55    | 0.1     | 0.29    | 0.35    | 4112             | 4112              | 0.17              | 0.2             | 4.11             | 4144 |                   |
|                      | 2026 | 0.38 | 0.35 | 4.61 | 13.6 | 0.02            | 0.07    | 0.07    | 0.14    | 0.07    | 0.02    | 0.09    | 2316             | 2316              | 0.09              | 0.03            | 0.35             | 2327 |                   |
| Daily - Winter (Max) |      |      |      |      |      |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |      |                   |
|                      | 2025 | 0.38 | 0.36 | 4.62 | 13.6 | 0.02            | 0.07    | 0.07    | 0.15    | 0.07    | 0.02    | 0.09    | 2315             | 2315              | 0.09              | 0.03            | 0.01             | 2326 |                   |
|                      | 2026 | 0.38 | 0.35 | 4.61 | 13.6 | 0.02            | 0.07    | 0.07    | 0.14    | 0.07    | 0.02    | 0.09    | 2313             | 2313              | 0.09              | 0.03            | 0.01             | 2323 |                   |
|                      | 2027 | 0.73 | 4.98 | 7.16 | 20.1 | 0.03            | 0.15    | 0.18    | 0.33    | 0.14    | 0.04    | 0.18    | 3346             | 3346              | 0.13              | 0.04            | 0.02             | 3361 |                   |
| Average Daily        |      |      |      |      |      |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |      |                   |
|                      | 2025 | 0.14 | 0.12 | 1.72 | 4.86 | 0.01            | 0.02    | 0.15    | 0.17    | 0.02    | 0.03    | 0.05    | 885              | 885               | 0.04              | 0.02            | 0.17             | 892  |                   |
|                      | 2026 | 0.27 | 0.25 | 3.29 | 9.7  | 0.02            | 0.05    | 0.05    | 0.1     | 0.05    | 0.01    | 0.06    | 1652             | 1652              | 0.07              | 0.02            | 0.11             | 1660 |                   |
|                      | 2027 | 0.05 | 0.26 | 0.56 | 1.6  | < 0.005         | 0.01    | 0.01    | 0.02    | 0.01    | < 0.005 | 0.01    | 268              | 268               | 0.01              | < 0.005         | 0.02             | 269  |                   |
| Annual               |      |      |      |      |      |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |      |                   |
|                      | 2025 | 0.03 | 0.02 | 0.31 | 0.89 | < 0.005         | < 0.005 | 0.03    | 0.03    | < 0.005 | 0.01    | 0.01    | 146              | 146               | 0.01              | < 0.005         | 0.03             | 148  |                   |
|                      | 2026 | 0.05 | 0.05 | 0.6  | 1.77 | < 0.005         | 0.01    | 0.01    | 0.02    | 0.01    | < 0.005 | 0.01    | 274              | 274               | 0.01              | < 0.005         | 0.02             | 275  |                   |
|                      | 2027 | 0.01 | 0.05 | 0.1  | 0.29 | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 44.4             | 44.4              | < 0.005           | < 0.005         | < 0.005          | 44.6 |                   |

3. Construction Emissions Details

3.1. Demolition (2025) - Unmitigated

| Location            | TOG     | ROG     | NOx     | CO      | SO <sub>2</sub> | PM10E   | PM10D   | PM10T   | PM2.5E  | PM2.5D  | PM2.5T  | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R | CO <sub>2</sub> e |
|---------------------|---------|---------|---------|---------|-----------------|---------|---------|---------|---------|---------|---------|------------------|-------------------|-------------------|-----------------|------------------|---|-------------------|
| Onsite              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |   |                   |
| Daily, Summer (Max) |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |   |                   |
| Off-Road Equipment  | 0.47    | 0.39    | 4.3     | 7       | 0.01            | 0.17    | 0       | 0.17    | 0.16    | 0       | 0.16    | 1085             | 1085              | 0.04              | 0.01            |                  |   | 1089              |
| Demolition          |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |   |                   |
| Onsite truck        | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0 | 0                 |
| Daily, Winter (Max) |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |   |                   |
| Average Daily       |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |   |                   |
| Off-Road Equipment  | 0.05    | 0.04    | 0.42    | 0.69    | < 0.005         | 0.02    | 0       | 0.02    | 0.02    | 0       | 0.02    | 107              | 107               | < 0.005           | < 0.005         |                  |   | 107               |
| Demolition          |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |   |                   |
| Onsite truck        | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0 | 0                 |
| Annual              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |   |                   |
| Off-Road Equipment  | 0.01    | 0.01    | 0.08    | 0.13    | < 0.005         | < 0.005 | 0       | < 0.005 | < 0.005 | 0       | < 0.005 | 17.7             | 17.7              | < 0.005           | < 0.005         |                  |   | 17.8              |
| Demolition          |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |   |                   |
| Onsite truck        | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0 | 0                 |
| Offsite             |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |   |                   |
| Daily, Summer (Max) |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |   |                   |
| Worker              | 0.06    | 0.05    | 0.05    | 0.87    | 0               | 0       | 0.16    | 0.16    | 0       | 0.04    | 0.04    | 173              | 173               | 0.01              | 0.01            | 0.63             |   | 175               |
| Vendor              | 0.02    | 0.01    | 0.29    | 0.14    | < 0.005         | < 0.005 | 0.07    | 0.07    | < 0.005 | 0.02    | 0.02    | 254              | 254               | 0.01              | 0.04            | 0.69             |   | 265               |
| Hauling             | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0 | 0                 |
| Daily, Winter (Max) |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |   |                   |
| Average Daily       |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |   |                   |
| Worker              | 0.01    | 0.01    | 0.01    | 0.08    | 0               | 0       | 0.02    | 0.02    | 0       | < 0.005 | < 0.005 | 16.4             | 16.4              | < 0.005           | < 0.005         | 0.03             |   | 16.6              |
| Vendor              | < 0.005 | < 0.005 | 0.03    | 0.01    | < 0.005         | < 0.005 | 0.01    | 0.01    | < 0.005 | < 0.005 | < 0.005 | 25               | 25                | < 0.005           | < 0.005         | 0.03             |   | 26.1              |
| Hauling             | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0 | 0                 |
| Annual              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |   |                   |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.01    | 0               | 0       | < 0.005 | < 0.005 | 0       | < 0.005 | < 0.005 | 2.71             | 2.71              | < 0.005           | < 0.005         | < 0.005          |   | 2.75              |
| Vendor              | < 0.005 | < 0.005 | 0.01    | < 0.005 | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 4.15             | 4.15              | < 0.005           | < 0.005         | < 0.005          |   | 4.33              |
| Hauling             | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0 | 0                 |

3.2. Demolition (2025) - Mitigated

| Location | TOG | ROG | NOx | CO | SO <sub>2</sub> | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO <sub>2</sub> | NBCO <sub>2</sub> |
|----------|-----|-----|-----|----|-----------------|-------|-------|-------|--------|--------|--------|------------------|-------------------|
|----------|-----|-----|-----|----|-----------------|-------|-------|-------|--------|--------|--------|------------------|-------------------|

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|                                                  |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
|--------------------------------------------------|---------|---------|----------|----------|-----------------|---------|---------|---------|---------|---------|---------|------------------|-------------------|-------------------|-----------------|------------------|---------|-------------------|------|---|
| 3.13. Building Construction (2026) - Unmitigated |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Location                                         | TOG     | ROG     | NOx      | CO       | SO <sub>2</sub> | PM10E   | PM10D   | PM10T   | PM2.5E  | PM2.5D  | PM2.5T  | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R       | CO <sub>2</sub> e |      |   |
| Onsite                                           |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Daily, Summer (Max)                              |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Off-Road Equipment                               | 1.41    | 1.18    | 10.1     | 11.8     | 0.02            | 0.36    | 0       | 0.36    | 0.33    | 0       | 0.33    |                  | 2201              | 2201              | 0.09            | 0.02             |         | 2208              |      |   |
| Onsite truck                                     | 0       | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    |   |
| Daily, Winter (Max)                              |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Off-Road Equipment                               | 1.41    | 1.18    | 10.1     | 11.8     | 0.02            | 0.36    | 0       | 0.36    | 0.33    | 0       | 0.33    |                  | 2201              | 2201              | 0.09            | 0.02             |         | 2208              |      |   |
| Onsite truck                                     | 0       | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    |   |
| Average Daily                                    |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Off-Road Equipment                               | 1.01    | 0.84    | 7.22     | 8.4      | 0.02            | 0.26    | 0       | 0.26    | 0.24    | 0       | 0.24    |                  | 1572              | 1572              | 0.06            | 0.01             |         | 1577              |      |   |
| Onsite truck                                     | 0       | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    |   |
| Annual                                           |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Off-Road Equipment                               | 0.18    | 0.15    | 1.32     | 1.53     | < 0.005         | 0.05    | 0       | 0.05    | 0.04    | 0       | 0.04    |                  | 260               | 260               | 0.01            | < 0.005          |         | 261               |      |   |
| Onsite truck                                     | 0       | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    |   |
| Offsite                                          |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Daily, Summer (Max)                              |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Worker                                           | 0.02    | 0.02    | 0.02     | 0.29     | 0               | 0       | 0.06    | 0.06    | 0       | 0.01    | 0.01    |                  | 60.5              | 60.5              | < 0.005         | < 0.005          | 0.2     | 61.4              |      |   |
| Vendor                                           | < 0.005 | < 0.005 | 0.06     | 0.03     | < 0.005         | < 0.005 | 0.01    | 0.02    | < 0.005 | < 0.005 | < 0.005 |                  | 54.3              | 54.3              | < 0.005         | 0.01             | 0.15    | 56.8              |      |   |
| Hauling                                          | 0       | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    |   |
| Daily, Winter (Max)                              |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Worker                                           | 0.02    | 0.02    | 0.02     | 0.25     | 0               | 0       | 0.06    | 0.06    | 0       | 0.01    | 0.01    |                  | 57.3              | 57.3              | < 0.005         | < 0.005          | 0.01    | 58                |      |   |
| Vendor                                           | < 0.005 | < 0.005 | 0.06     | 0.03     | < 0.005         | < 0.005 | 0.01    | 0.02    | < 0.005 | < 0.005 | < 0.005 |                  | 54.3              | 54.3              | < 0.005         | 0.01             | < 0.005 | 56.7              |      |   |
| Hauling                                          | 0       | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    |   |
| Average Daily                                    |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Worker                                           | 0.01    | 0.01    | 0.02     | 0.18     | 0               | 0       | 0.04    | 0.04    | 0       | 0.01    | 0.01    |                  | 41.5              | 41.5              | < 0.005         | < 0.005          | 0.06    | 42.1              |      |   |
| Vendor                                           | < 0.005 | < 0.005 | 0.04     | 0.02     | < 0.005         | < 0.005 | 0.01    | 0.01    | < 0.005 | < 0.005 | < 0.005 |                  | 38.8              | 38.8              | < 0.005         | 0.01             | 0.05    | 40.5              |      |   |
| Hauling                                          | 0       | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    |   |
| Annual                                           |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Worker                                           | < 0.005 | < 0.005 | < 0.005  | 0.03     | 0               | 0       | 0.01    | 0.01    | 0       | < 0.005 | < 0.005 |                  | 6.88              | 6.88              | < 0.005         | < 0.005          | 0.01    | 6.97              |      |   |
| Vendor                                           | < 0.005 | < 0.005 | < 0.005  | < 0.005  | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |                  | 6.42              | 6.42              | < 0.005         | < 0.005          | 0.01    | 6.71              |      |   |
| Hauling                                          | 0       | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    |   |
| 3.14. Building Construction (2026) - Mitigated   |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Location                                         | TOG     | ROG     | NOx      | CO       | SO <sub>2</sub> | PM10E   | PM10D   | PM10T   | PM2.5E  | PM2.5D  | PM2.5T  | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R       | CO <sub>2</sub> e |      |   |
| Onsite                                           |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Daily, Summer (Max)                              |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Off-Road Equipment                               | 0.36    | 0.34    | 4.53     | 13.3     | 0.02            | 0.07    | 0       | 0.07    | 0.07    | 0       | 0.07    |                  | 2201              | 2201              | 0.09            | 0.02             |         | 2208              |      |   |
| Onsite truck                                     | 0       | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    |   |
| Daily, Winter (Max)                              |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Off-Road Equipment                               | 0.36    | 0.34    | 4.53     | 13.3     | 0.02            | 0.07    | 0       | 0.07    | 0.07    | 0       | 0.07    |                  | 2201              | 2201              | 0.09            | 0.02             |         | 2208              |      |   |
| Onsite truck                                     | 0       | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    |   |
| Average Daily                                    |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Off-Road Equipment                               | 0.26    | 0.24    | 3.23     | 9.49     | 0.02            | 0.05    | 0       | 0.05    | 0.05    | 0       | 0.05    |                  | 1572              | 1572              | 0.06            | 0.01             |         | 1577              |      |   |
| Onsite truck                                     | 0       | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    |   |
| Annual                                           |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Off-Road Equipment                               |         | 0.05    | 0.04     | 0.59     | 1.73            | < 0.005 |         | 0.01    |         | 0.01    |         | 0.01             |                   | 260               | 260             | 0.01             | < 0.005 |                   | 261  |   |
| Onsite truck                                     |         | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    |   |
| Offsite                                          |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Daily, Summer (Max)                              |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Worker                                           |         | 0.02    | 1/0/1900 | 1/0/1900 | 0.29            | 0       | 0       | 0.06    | 0.06    | 0       | 0.01    | 0.01             |                   | 60.5              | 60.5            | < 0.005          | < 0.005 | 0.2               | 61.4 |   |
| Vendor                                           | < 0.005 | < 0.005 | 1/0/1900 | 1/0/1900 | 0.03            | < 0.005 |         | < 0.005 | 0.02    | < 0.005 | < 0.005 | < 0.005          |                   | 54.3              | 54.3            | < 0.005          | 0.01    | 0.15              | 56.8 |   |
| Hauling                                          |         | 0       | 1/0/1900 | 1/0/1900 | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    | 0 |
| Daily, Winter (Max)                              |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Worker                                           |         | 0.02    | 1/0/1900 | 1/0/1900 | 0.25            | 0       | 0       | 0.06    | 0.06    | 0       | 0.01    | 0.01             |                   | 57.3              | 57.3            | < 0.005          | < 0.005 | 0.01              | 58   |   |
| Vendor                                           | < 0.005 | < 0.005 | 1/0/1900 | 1/0/1900 | 0.03            | < 0.005 |         | < 0.005 | 0.02    | < 0.005 | < 0.005 | < 0.005          |                   | 54.3              | 54.3            | < 0.005          | 0.01    | < 0.005           | 56.7 |   |
| Hauling                                          |         | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    | 0 |
| Average Daily                                    |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Worker                                           |         | 0.01    | 0.01     | 0.02     | 0.18            | 0       | 0       | 0.04    | 0.04    | 0       | 0.01    | 0.01             |                   | 41.5              | 41.5            | < 0.005          | < 0.005 | 0.06              | 42.1 |   |
| Vendor                                           | < 0.005 | < 0.005 | 0.04     | 0.04     | 0.02            | < 0.005 |         | < 0.005 | 0.01    | < 0.005 | < 0.005 | < 0.005          |                   | 38.8              | 38.8            | < 0.005          | 0.01    | 0.05              | 40.5 |   |
| Hauling                                          |         | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    | 0 |
| Annual                                           |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Worker                                           | < 0.005 | < 0.005 | < 0.005  | 0.03     | 0               | 0       | 0       | 0.01    | 0.01    | 0       | < 0.005 | < 0.005          |                   | 6.88              | 6.88            | < 0.005          | < 0.005 | 0.01              | 6.97 |   |
| Vendor                                           | < 0.005 | < 0.005 | < 0.005  | < 0.005  | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |                  | 6.42              | 6.42              | < 0.005         | < 0.005          | 0.01    | 6.71              |      |   |
| Hauling                                          |         | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    | 0 |
| 3.15. Building Construction (2027) - Unmitigated |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Location                                         | TOG     | ROG     | NOx      | CO       | SO <sub>2</sub> | PM10E   | PM10D   | PM10T   | PM2.5E  | PM2.5D  | PM2.5T  | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R       | CO <sub>2</sub> e |      |   |
| Onsite                                           |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Daily, Summer (Max)                              |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Off-Road Equipment                               | 1.35    | 1.13    | 9.7      | 11.7     | 0.02            | 0.32    | 0       | 0.32    | 0.3     | 0       | 0.3     |                  | 2201              | 2201              | 0.09            | 0.02             |         | 2208              |      |   |
| Onsite truck                                     | 0       | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    |   |
| Average Daily                                    |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Off-Road Equipment                               | 0.13    | 0.11    | 0.91     | 1.1      | < 0.005         | 0.03    | 0       | 0.03    | 0.03    | 0       | 0.03    |                  | 207               | 207               | 0.01            | < 0.005          |         | 207               |      |   |
| Onsite truck                                     | 0       | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    |   |
| Annual                                           |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Off-Road Equipment                               | 0.02    | 0.02    | 0.17     | 0.2      | < 0.005         | 0       | 0.01    | 0.01    | 0.01    | 0       | 0.01    |                  | 34.2              | 34.2              | < 0.005         | < 0.005          |         | 34.3              |      |   |
| Onsite truck                                     | 0       | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    |   |
| Offsite                                          |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Daily, Summer (Max)                              |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Daily, Winter (Max)                              |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Worker                                           |         | 0.02    | 0.02     | 0.02     | 0.23            | 0       | 0       | 0.06    | 0.06    | 0       | 0.01    | 0.01             |                   | 56.2              | 56.2            | < 0.005          | < 0.005 | < 0.005           | 56.9 |   |
| Vendor                                           | < 0.005 | < 0.005 | 0        | 0.06     | 0.03            | < 0.005 |         | < 0.005 | 0.02    | < 0.005 | < 0.005 | < 0.005          |                   | 53.3              | 53.3            | < 0.005          | 0.01    | < 0.005           | 55.5 |   |
| Hauling                                          |         | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    | 0 |
| Average Daily                                    |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Worker                                           | < 0.005 | < 0.005 | < 0.005  | 0.02     | 0               | 0       | 0.01    | 0.01    | 0       | < 0.005 | < 0.005 |                  | 5.36              | 5.36              | < 0.005         | < 0.005          | 0.01    | 5.43              |      |   |
| Vendor                                           | < 0.005 | < 0.005 |          | 0.01     | < 0.005         |         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |                  | 5                 | 5                 | < 0.005         | < 0.005          | 0.01    | 5.22              |      |   |
| Hauling                                          |         | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    | 0 |
| Annual                                           |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Worker                                           | < 0.005 | < 0.005 | < 0.005  | < 0.005  | < 0.005         | 0       | 0       | < 0.005 | < 0.005 | 0       | < 0.005 | < 0.005          |                   | 0.89              | 0.89            | < 0.005          | < 0.005 | < 0.005           | 0.89 |   |
| Vendor                                           | < 0.005 | < 0.005 | < 0.005  | < 0.005  | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |                  | 0.83              | 0.83              | < 0.005         | < 0.005          | < 0.005 | 0.86              |      |   |
| Hauling                                          |         | 0       | 0        | 0        | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 | 0    | 0 |
| 3.16. Building Construction (2027) - Mitigated   |         |         |          |          |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |
| Location                                         | TOG     | ROG     | NOx      | CO       | SO <sub>2</sub> | PM10E   | PM10D   | PM10T   | PM2.5E  | PM2.5D  | PM2.5T  | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R       | CO <sub>2</sub> e |      |   |
| Onsite                                           |         |         |          | </       |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |      |   |



|                                        |                           |        |         |   |   |     |      |
|----------------------------------------|---------------------------|--------|---------|---|---|-----|------|
| Phase 2 Asphalt Demolition             | Concrete/Industrial Saws  | Diesel | Average | 0 | 8 | 33  | 0.73 |
| Phase 2 Asphalt Demolition             | Rubber Tired Dozers       | Diesel | Average | 0 | 8 | 367 | 0.4  |
| Phase 2 Asphalt Demolition             | Tractors/Loaders/Backhoes | Diesel | Average | 0 | 8 | 84  | 0.37 |
| Phase 2 Asphalt Demolition Debris Haul | Concrete/Industrial Saws  | Diesel | Average | 0 | 8 | 33  | 0.73 |
| Phase 2 Asphalt Demolition Debris Haul | Rubber Tired Dozers       | Diesel | Average | 0 | 8 | 367 | 0.4  |
| Phase 2 Asphalt Demolition Debris Haul | Tractors/Loaders/Backhoes | Diesel | Average | 0 | 8 | 84  | 0.37 |
| Phase 2 Building Demolition            | Skid Steer Loaders        | Diesel | Average | 2 | 8 | 71  | 0.37 |
| Phase 2 Building Demolition            | Forklifts                 | Diesel | Average | 2 | 8 | 82  | 0.2  |
| Phase 2 Site Preparation               | Rollers                   | Diesel | Average | 1 | 8 | 36  | 0.38 |
| Phase 2 Architectural Coating          | Generator Sets            | Diesel | Average | 2 | 8 | 14  | 0.74 |

#### 5.2.2. Mitigated

| Phase Name                              | Equipment Type            | Fuel Type | Engine Tier  | Number per Day | Hours Per Day | Horsepower | Load Factor |
|-----------------------------------------|---------------------------|-----------|--------------|----------------|---------------|------------|-------------|
| Phase 2 Building Demolition             | Concrete/Industrial Saws  | Diesel    | Average      | 0              | 8             | 33         | 0.73        |
| Phase 2 Building Demolition             | Rubber Tired Dozers       | Diesel    | Average      | 0              | 8             | 367        | 0.4         |
| Phase 2 Building Demolition             | Tractors/Loaders/Backhoes | Diesel    | Tier 4 Final | 1              | 8             | 84         | 0.37        |
| Phase 2 Site Preparation                | Graders                   | Diesel    | Average      | 0              | 8             | 148        | 0.41        |
| Phase 2 Site Preparation                | Scrapers                  | Diesel    | Average      | 0              | 8             | 423        | 0.48        |
| Phase 2 Site Preparation                | Tractors/Loaders/Backhoes | Diesel    | Tier 4 Final | 4              | 8             | 84         | 0.37        |
| Phase 2 Building Construction           | Cranes                    | Diesel    | Tier 4 Final | 1              | 8             | 367        | 0.29        |
| Phase 2 Building Construction           | Forklifts                 | Diesel    | Tier 4 Final | 2              | 7             | 82         | 0.2         |
| Phase 2 Building Construction           | Generator Sets            | Diesel    | Average      | 1              | 8             | 14         | 0.74        |
| Phase 2 Building Construction           | Tractors/Loaders/Backhoes | Diesel    | Tier 4 Final | 1              | 6             | 84         | 0.37        |
| Phase 2 Building Construction           | Welders                   | Diesel    | Tier 4 Final | 3              | 8             | 46         | 0.45        |
| Phase 2 Paving                          | Cement and Mortar Mixers  | Diesel    | Average      | 0              | 8             | 10         | 0.56        |
| Phase 2 Paving                          | Pavers                    | Diesel    | Average      | 0              | 8             | 81         | 0.42        |
| Phase 2 Paving                          | Paving Equipment          | Diesel    | Average      | 0              | 8             | 89         | 0.36        |
| Phase 2 Paving                          | Rollers                   | Diesel    | Tier 4 Final | 1              | 8             | 36         | 0.38        |
| Phase 2 Paving                          | Tractors/Loaders/Backhoes | Diesel    | Tier 4 Final | 2              | 8             | 84         | 0.37        |
| Phase 2 Architectural Coating           | Air Compressors           | Diesel    | Average      | 0              | 6             | 37         | 0.48        |
| Phase 2 Building Demolition Debris Haul | Concrete/Industrial Saws  | Diesel    | Average      | 0              | 8             | 33         | 0.73        |
| Phase 2 Building Demolition Debris Haul | Rubber Tired Dozers       | Diesel    | Average      | 0              | 8             | 367        | 0.4         |
| Phase 2 Building Demolition Debris Haul | Tractors/Loaders/Backhoes | Diesel    | Average      | 0              | 8             | 84         | 0.37        |
| Phase 2 Asphalt Demolition              | Concrete/Industrial Saws  | Diesel    | Average      | 0              | 8             | 33         | 0.73        |
| Phase 2 Asphalt Demolition              | Rubber Tired Dozers       | Diesel    | Average      | 0              | 8             | 367        | 0.4         |
| Phase 2 Asphalt Demolition              | Tractors/Loaders/Backhoes | Diesel    | Average      | 0              | 8             | 84         | 0.37        |
| Phase 2 Asphalt Demolition Debris Haul  | Concrete/Industrial Saws  | Diesel    | Average      | 0              | 8             | 33         | 0.73        |
| Phase 2 Asphalt Demolition Debris Haul  | Rubber Tired Dozers       | Diesel    | Average      | 0              | 8             | 367        | 0.4         |
| Phase 2 Asphalt Demolition Debris Haul  | Tractors/Loaders/Backhoes | Diesel    | Average      | 0              | 8             | 84         | 0.37        |
| Phase 2 Building Demolition             | Skid Steer Loaders        | Diesel    | Tier 4 Final | 2              | 8             | 71         | 0.37        |
| Phase 2 Building Demolition             | Forklifts                 | Diesel    | Tier 4 Final | 2              | 8             | 82         | 0.2         |
| Phase 2 Site Preparation                | Rollers                   | Diesel    | Tier 4 Final | 1              | 8             | 36         | 0.38        |
| Phase 2 Architectural Coating           | Generator Sets            | Diesel    | Average      | 2              | 8             | 14         | 0.74        |

#### 5.3. Construction Vehicles

##### 5.3.1. Unmitigated

| Phase Name                              | Trip Type    | One-Way Trips per Day | Miles per Trip | Vehicle Mix    |
|-----------------------------------------|--------------|-----------------------|----------------|----------------|
| Phase 2 Building Demolition             | Worker       | 12.5                  | 18.5           | LDAL,LOT1,LOT2 |
| Phase 2 Building Demolition             | Vendor       | 8                     | 10.2           | HHDT,MHDT      |
| Phase 2 Building Demolition             | Hauling      | 0                     | 20             | HHDT           |
| Phase 2 Building Demolition             | Onsite truck | 0                     |                | HHDT           |
| Phase 2 Site Preparation                | Worker       | 12.5                  | 18.5           | LDAL,LOT1,LOT2 |
| Phase 2 Site Preparation                | Vendor       | 10                    | 10.2           | HHDT,MHDT      |
| Phase 2 Site Preparation                | Hauling      | 0                     | 20             | HHDT           |
| Phase 2 Site Preparation                | Onsite truck | 0                     |                | HHDT           |
| Phase 2 Building Construction           | Worker       | 4.46                  | 18.5           | LDAL,LOT1,LOT2 |
| Phase 2 Building Construction           | Vendor       | 1.74                  | 10.2           | HHDT,MHDT      |
| Phase 2 Building Construction           | Hauling      | 0                     | 20             | HHDT           |
| Phase 2 Building Construction           | Onsite truck | 0                     |                | HHDT           |
| Phase 2 Paving                          | Worker       | 7.5                   | 18.5           | LDAL,LOT1,LOT2 |
| Phase 2 Paving                          | Vendor       | 0                     | 10.2           | HHDT,MHDT      |
| Phase 2 Paving                          | Hauling      | 0                     | 20             | HHDT           |
| Phase 2 Paving                          | Onsite truck | 0                     |                | HHDT           |
| Phase 2 Architectural Coating           | Worker       | 0.89                  | 18.5           | LDAL,LOT1,LOT2 |
| Phase 2 Architectural Coating           | Vendor       | 0                     | 10.2           | HHDT,MHDT      |
| Phase 2 Architectural Coating           | Hauling      | 0                     | 20             | HHDT           |
| Phase 2 Architectural Coating           | Onsite truck | 0                     |                | HHDT           |
| Phase 2 Building Demolition Debris Haul | Worker       | 0                     | 18.5           | LDAL,LOT1,LOT2 |
| Phase 2 Building Demolition Debris Haul | Vendor       | 0                     | 10.2           | HHDT,MHDT      |
| Phase 2 Building Demolition Debris Haul | Hauling      | 3                     | 20             | HHDT           |
| Phase 2 Building Demolition Debris Haul | Onsite truck | 0                     |                | HHDT           |
| Phase 2 Asphalt Demolition              | Worker       | 0                     | 18.5           | LDAL,LOT1,LOT2 |
| Phase 2 Asphalt Demolition              | Vendor       | 0                     | 10.2           | HHDT,MHDT      |
| Phase 2 Asphalt Demolition              | Hauling      | 0                     | 20             | HHDT           |
| Phase 2 Asphalt Demolition              | Onsite truck | 0                     |                | HHDT           |
| Phase 2 Asphalt Demolition Debris Haul  | Worker       | 0                     | 18.5           | LDAL,LOT1,LOT2 |
| Phase 2 Asphalt Demolition Debris Haul  | Vendor       | 0                     | 10.2           | HHDT,MHDT      |
| Phase 2 Asphalt Demolition Debris Haul  | Hauling      | 5                     | 20             | HHDT           |
| Phase 2 Asphalt Demolition Debris Haul  | Onsite truck | 0                     |                | HHDT           |

##### 5.3.2. Mitigated

| Phase Name                              | Trip Type    | One-Way Trips per Day | Miles per Trip | Vehicle Mix    |
|-----------------------------------------|--------------|-----------------------|----------------|----------------|
| Phase 2 Building Demolition             | Worker       | 12.5                  | 18.5           | LDAL,LOT1,LOT2 |
| Phase 2 Building Demolition             | Vendor       | 8                     | 10.2           | HHDT,MHDT      |
| Phase 2 Building Demolition             | Hauling      | 0                     | 20             | HHDT           |
| Phase 2 Building Demolition             | Onsite truck | 0                     |                | HHDT           |
| Phase 2 Site Preparation                | Worker       | 12.5                  | 18.5           | LDAL,LOT1,LOT2 |
| Phase 2 Site Preparation                | Vendor       | 10                    | 10.2           | HHDT,MHDT      |
| Phase 2 Site Preparation                | Hauling      | 0                     | 20             | HHDT           |
| Phase 2 Site Preparation                | Onsite truck | 0                     |                | HHDT           |
| Phase 2 Building Construction           | Worker       | 4.46                  | 18.5           | LDAL,LOT1,LOT2 |
| Phase 2 Building Construction           | Vendor       | 1.74                  | 10.2           | HHDT,MHDT      |
| Phase 2 Building Construction           | Hauling      | 0                     | 20             | HHDT           |
| Phase 2 Building Construction           | Onsite truck | 0                     |                | HHDT           |
| Phase 2 Paving                          | Worker       | 7.5                   | 18.5           | LDAL,LOT1,LOT2 |
| Phase 2 Paving                          | Vendor       | 0                     | 10.2           | HHDT,MHDT      |
| Phase 2 Paving                          | Hauling      | 0                     | 20             | HHDT           |
| Phase 2 Paving                          | Onsite truck | 0                     |                | HHDT           |
| Phase 2 Architectural Coating           | Worker       | 0.89                  | 18.5           | LDAL,LOT1,LOT2 |
| Phase 2 Architectural Coating           | Vendor       | 0                     | 10.2           | HHDT,MHDT      |
| Phase 2 Architectural Coating           | Hauling      | 0                     | 20             | HHDT           |
| Phase 2 Architectural Coating           | Onsite truck | 0                     |                | HHDT           |
| Phase 2 Building Demolition Debris Haul | Worker       | 0                     | 18.5           | LDAL,LOT1,LOT2 |
| Phase 2 Building Demolition Debris Haul | Vendor       | 0                     | 10.2           | HHDT,MHDT      |
| Phase 2 Building Demolition Debris Haul | Hauling      | 3                     | 20             | HHDT           |
| Phase 2 Building Demolition Debris Haul | Onsite truck | 0                     |                | HHDT           |
| Phase 2 Asphalt Demolition              | Worker       | 0                     | 18.5           | LDAL,LOT1,LOT2 |
| Phase 2 Asphalt Demolition              | Vendor       | 0                     | 10.2           | HHDT,MHDT      |
| Phase 2 Asphalt Demolition              | Hauling      | 0                     | 20             | HHDT           |
| Phase 2 Asphalt Demolition              | Onsite truck | 0                     |                | HHDT           |
| Phase 2 Asphalt Demolition Debris Haul  | Worker       | 0                     | 18.5           | LDAL,LOT1,LOT2 |
| Phase 2 Asphalt Demolition Debris Haul  | Vendor       | 0                     | 10.2           | HHDT,MHDT      |
| Phase 2 Asphalt Demolition Debris Haul  | Hauling      | 5                     | 20             | HHDT           |
| Phase 2 Asphalt Demolition Debris Haul  | Onsite truck | 0                     |                | 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 | Residential Exterior Area Coated | Non-Residential Interior Area Coated | Non-Residential Exterior Area Coated | Parking Area Coated (sq ft) |
|-------------------------------|----------------------------------|----------------------------------|--------------------------------------|--------------------------------------|-----------------------------|
| Phase 2 Architectural Coating | 0                                | 0                                | 15939                                | 5313                                 | 5734                        |

#### 5.6. Dust Mitigation

##### 5.6.1. Construction Earthmoving Activities

| Phase Name                              | Material Imported (Cubic Yards) | Material Exported (Cubic Y. Acres Graded (acres) | Material Demolished (To Acres Paved (acres) |
|-----------------------------------------|---------------------------------|--------------------------------------------------|---------------------------------------------|
| Phase 2 Building Demolition             | 0                               | 0                                                | 0                                           |
| Phase 2 Building Demolition Debris Haul | 0                               | 0                                                | 705                                         |
| Phase 2 Asphalt Demolition              | 0                               | 0                                                | 0                                           |

|                                                                 |                                                                                                                  |                |                 |         |      |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------|-----------------|---------|------|
| Phase 2 Asphalt Demolition Debris Haul                          | 0                                                                                                                | 0              | 0               | 1511    |      |
| Phase 2 Site Preparation                                        | 0                                                                                                                | 0              | 0               | 0       |      |
| Phase 2 Paving                                                  | 0                                                                                                                | 0              | 0               | 0       | 2.19 |
| 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      |                 |         |      |
| Elementary School                                               | 0                                                                                                                | 0              |                 |         |      |
| Parking Lot                                                     | 0.52                                                                                                             | 100            |                 |         |      |
| Other Asphalt Surfaces                                          | 0.23                                                                                                             | 100            |                 |         |      |
| Other Non-Asphalt Surfaces                                      | 1                                                                                                                | 0              |                 |         |      |
| Other Non-Asphalt Surfaces                                      | 0.44                                                                                                             | 0              |                 |         |      |
| 5.8. Construction Electricity Consumption and Emissions Factors |                                                                                                                  |                |                 |         |      |
| Year                                                            | kWh per Year                                                                                                     | CO2            | CH4             | N2O     |      |
| 2025                                                            | 0                                                                                                                | 450            | 0.03            | < 0.005 |      |
| 2026                                                            | 0                                                                                                                | 450            | 0.03            | < 0.005 |      |
| 2027                                                            | 0                                                                                                                | 450            | 0.03            | < 0.005 |      |
| 8. User Changes to Default Data                                 |                                                                                                                  |                |                 |         |      |
| Screen                                                          | Justification                                                                                                    |                |                 |         |      |
| Characteristics: Project Details                                |                                                                                                                  |                |                 |         |      |
| Characteristics: Utility Information                            | 2021 SCE Sustainability Report                                                                                   |                |                 |         |      |
| Construction: Construction Phases                               | based on CalEEMod defaults; normalized to fit schedule provided by District                                      |                |                 |         |      |
| Construction: Off-Road Equipment                                | based on information from District. CalEEMod defaults used for building construction                             |                |                 |         |      |
| Construction: Trips and VMT                                     | see assumptions files for water truck and demolition hauling calculations                                        |                |                 |         |      |
| Construction: Architectural Coatings                            | South Coast AQMD Rule 1113. Assumes parking lot, asphalt areas, landscaped, and hardscaped areas will be striped |                |                 |         |      |
| Construction: Electricity                                       | 2021 SCE Sustainability Report                                                                                   |                |                 |         |      |

# 1. Basic Project Information

## 1.1. Basic Project Information

|                             |                                              |
|-----------------------------|----------------------------------------------|
| Data Field                  | Value                                        |
| Project Name                | Grant Elementary School Construction Phase 3 |
| Lead Agency                 |                                              |
| Land Use Scale              | Project/Site                                 |
| Analysis Level for Defaults | County                                       |
| Windspeed (m/s)             | 2.7                                          |
| Precipitation (days)        | 20.2                                         |
| Location                    | 2368 Pearl St, Santa Monica, CA 90405, USA   |
| County                      | Los Angeles-South Coast                      |
| City                        | Santa Monica                                 |
| Air District                | South Coast AQMD                             |
| Air Basin                   | South Coast                                  |
| TAZ                         | 4411                                         |
| EDFZ                        | 7                                            |
| Electric Utility            | Southern California Edison                   |
| Gas Utility                 | Southern California Gas                      |

## 1.2. Land Use Types

| Land Use Subtype           | Size | Unit     | Lot Acreage | Building Area (sq ft) | Landscape Area (sq ft) | Special Landscap | Population | Description |
|----------------------------|------|----------|-------------|-----------------------|------------------------|------------------|------------|-------------|
| Elementary School          | 23.7 | 1000sqft |             | 0.54                  | 23700                  | 0                | 0          |             |
| Other Non-Asphalt Surfaces | 3.64 | 1000sqft |             | 0.08                  | 0                      | 3640             | 0          |             |
| Other Non-Asphalt Surfaces | 16.7 | 1000sqft |             | 0.38                  | 0                      | 0                | 0          |             |

## 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

| Un/Mit.              | TOG  | ROG  | NOx  | CO    | SO <sub>2</sub> | PM10E | PM10D | PM10T | PM2.5E  | PM2.5D  | PM2.5T | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R    | CO <sub>2</sub> e |
|----------------------|------|------|------|-------|-----------------|-------|-------|-------|---------|---------|--------|------------------|-------------------|-------------------|-----------------|------------------|------|-------------------|
| Daily - Summer (Max) |      |      |      |       |                 |       |       |       |         |         |        |                  |                   |                   |                 |                  |      |                   |
| Unmit.               | 1.81 | 9.65 | 12.5 | 19.5  | 0.03            | 0.35  | 1.01  | 1.34  | 0.32    | 0.21    | 0.52   |                  | 3870              | 3870              | 0.16            | 0.16             | 3.28 | 3926              |
| Mit.                 | 0.53 | 8.64 | 6.78 | 20.4  | 0.03            | 0.08  | 1.01  | 1.07  | 0.08    | 0.21    | 0.27   |                  | 3870              | 3870              | 0.16            | 0.16             | 3.28 | 3926              |
| % Reduced            | 70.7 | 10.5 | 45.6 | -4.42 |                 | 76.8  |       | 20.2  | 75.6    |         | 47.4   |                  |                   |                   |                 |                  |      |                   |
| Daily - Winter (Max) |      |      |      |       |                 |       |       |       |         |         |        |                  |                   |                   |                 |                  |      |                   |
| Unmit.               | 1.21 | 1.01 | 8.43 | 10.5  | 0.02            | 0.26  | 0.16  | 0.43  | 0.24    | 0.04    | 0.28   |                  | 2045              | 2045              | 0.08            | 0.04             | 0.02 | 2058              |
| Mit.                 | 0.37 | 0.34 | 4.5  | 11.6  | 0.02            | 0.06  | 0.16  | 0.23  | 0.06    | 0.04    | 0.1    |                  | 2045              | 2045              | 0.08            | 0.04             | 0.02 | 2058              |
| % Reduced            | 69.8 | 66.6 | 46.6 | -10.4 |                 | 75.8  |       | 46.7  | 74.7    |         | 64.1   |                  |                   |                   |                 |                  |      |                   |
| Average Daily (Max)  |      |      |      |       |                 |       |       |       |         |         |        |                  |                   |                   |                 |                  |      |                   |
| Unmit.               | 0.53 | 0.75 | 3.68 | 4.84  | 0.01            | 0.11  | 0.11  | 0.2   | 0.1     | 0.02    | 0.12   |                  | 935               | 935               | 0.04            | 0.02             | 0.16 | 941               |
| Mit.                 | 0.17 | 0.46 | 2.04 | 5.33  | 0.01            | 0.03  | 0.11  | 0.13  | 0.03    | 0.02    | 0.05   |                  | 935               | 935               | 0.04            | 0.02             | 0.16 | 941               |
| % Reduced            | 68.9 | 38.4 | 44.6 | -10.2 |                 | 73.2  |       | 35.8  | 72      |         | 60.6   |                  |                   |                   |                 |                  |      |                   |
| Annual (Max)         |      |      |      |       |                 |       |       |       |         |         |        |                  |                   |                   |                 |                  |      |                   |
| Unmit.               | 0.1  | 0.14 | 0.67 | 0.88  | < 0.005         | 0.02  | 0.02  | 0.04  | 0.02    | < 0.005 | 0.02   |                  | 155               | 155               | 0.01            | < 0.005          | 0.03 | 156               |
| Mit.                 | 0.03 | 0.08 | 0.37 | 0.97  | < 0.005         | 0.01  | 0.02  | 0.02  | < 0.005 | < 0.005 | 0.01   |                  | 155               | 155               | 0.01            | < 0.005          | 0.03 | 156               |
| % Reduced            | 68.9 | 38.4 | 44.6 | -10.2 |                 | 73.2  |       | 35.8  | 72      |         | 60.6   |                  |                   |                   |                 |                  |      |                   |

### 2.2. Construction Emissions by Year, Unmitigated

| Year                 | TOG  | ROG  | NOx  | CO   | SO <sub>2</sub> | PM10E | PM10D | PM10T | PM2.5E | PM2.5D  | PM2.5T | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R    | CO <sub>2</sub> e |
|----------------------|------|------|------|------|-----------------|-------|-------|-------|--------|---------|--------|------------------|-------------------|-------------------|-----------------|------------------|------|-------------------|
| Daily - Summer (Max) |      |      |      |      |                 |       |       |       |        |         |        |                  |                   |                   |                 |                  |      |                   |
| 2027                 | 1.4  | 1.15 | 10.9 | 19.5 | 0.03            | 0.33  | 1.01  | 1.34  | 0.3    | 0.21    | 0.52   |                  | 3870              | 3870              | 0.16            | 0.16             | 3.28 | 3926              |
| 2028                 | 1.81 | 9.65 | 12.5 | 18.1 | 0.03            | 0.35  | 0.32  | 0.67  | 0.32   | 0.08    | 0.4    |                  | 3201              | 3201              | 0.12            | 0.05             | 1.11 | 3220              |
| Daily - Winter (Max) |      |      |      |      |                 |       |       |       |        |         |        |                  |                   |                   |                 |                  |      |                   |
| 2027                 | 1.21 | 1.01 | 8.43 | 10.5 | 0.02            | 0.26  | 0.16  | 0.43  | 0.24   | 0.04    | 0.28   |                  | 2045              | 2045              | 0.08            | 0.04             | 0.02 | 2058              |
| 2028                 | 1.16 | 0.96 | 8.06 | 10.4 | 0.02            | 0.23  | 0.16  | 0.4   | 0.21   | 0.04    | 0.25   |                  | 2041              | 2041              | 0.08            | 0.04             | 0.02 | 2053              |
| Average Daily        |      |      |      |      |                 |       |       |       |        |         |        |                  |                   |                   |                 |                  |      |                   |
| 2027                 | 0.43 | 0.36 | 3.06 | 4.03 | 0.01            | 0.09  | 0.11  | 0.2   | 0.09   | 0.02    | 0.11   |                  | 796               | 796               | 0.03            | 0.02             | 0.16 | 803               |
| 2028                 | 0.53 | 0.75 | 3.68 | 4.84 | 0.01            | 0.11  | 0.08  | 0.18  | 0.1    | 0.02    | 0.12   |                  | 935               | 935               | 0.04            | 0.02             | 0.13 | 941               |
| Annual               |      |      |      |      |                 |       |       |       |        |         |        |                  |                   |                   |                 |                  |      |                   |
| 2027                 | 0.08 | 0.07 | 0.56 | 0.74 | < 0.005         | 0.02  | 0.02  | 0.04  | 0.02   | < 0.005 | 0.02   |                  | 132               | 132               | 0.01            | < 0.005          | 0.03 | 133               |
| 2028                 | 0.1  | 0.14 | 0.67 | 0.88 | < 0.005         | 0.02  | 0.01  | 0.03  | 0.02   | < 0.005 | 0.02   |                  | 155               | 155               | 0.01            | < 0.005          | 0.02 | 156               |

### 2.3. Construction Emissions by Year, Mitigated

| Year                 | TOG  | ROG  | NOx  | CO   | SO <sub>2</sub> | PM10E   | PM10D | PM10T | PM2.5E  | PM2.5D  | PM2.5T | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R    | CO <sub>2</sub> e |
|----------------------|------|------|------|------|-----------------|---------|-------|-------|---------|---------|--------|------------------|-------------------|-------------------|-----------------|------------------|------|-------------------|
| Daily - Summer (Max) |      |      |      |      |                 |         |       |       |         |         |        |                  |                   |                   |                 |                  |      |                   |
| 2027                 | 0.44 | 0.38 | 5.16 | 20.4 | 0.03            | 0.07    | 1.01  | 1.07  | 0.06    | 0.21    | 0.27   |                  | 3870              | 3870              | 0.16            | 0.16             | 3.28 | 3926              |
| 2028                 | 0.53 | 8.64 | 6.78 | 19.3 | 0.03            | 0.32    | 0.4   | 0.08  | 0.08    | 0.08    | 0.16   |                  | 3201              | 3201              | 0.12            | 0.05             | 1.11 | 3220              |
| Daily - Winter (Max) |      |      |      |      |                 |         |       |       |         |         |        |                  |                   |                   |                 |                  |      |                   |
| 2027                 | 0.37 | 0.34 | 4.5  | 11.6 | 0.02            | 0.06    | 0.16  | 0.23  | 0.06    | 0.04    | 0.1    |                  | 2045              | 2045              | 0.08            | 0.04             | 0.02 | 2058              |
| 2028                 | 0.36 | 0.33 | 4.49 | 11.5 | 0.02            | 0.06    | 0.16  | 0.23  | 0.06    | 0.04    | 0.1    |                  | 2041              | 2041              | 0.08            | 0.04             | 0.02 | 2053              |
| Average Daily        |      |      |      |      |                 |         |       |       |         |         |        |                  |                   |                   |                 |                  |      |                   |
| 2027                 | 0.13 | 0.12 | 1.55 | 4.4  | 0.01            | 0.02    | 0.11  | 0.13  | 0.02    | 0.02    | 0.04   |                  | 796               | 796               | 0.03            | 0.02             | 0.16 | 803               |
| 2028                 | 0.17 | 0.46 | 2.04 | 5.33 | 0.01            | 0.03    | 0.08  | 0.1   | 0.03    | 0.02    | 0.05   |                  | 935               | 935               | 0.04            | 0.02             | 0.13 | 941               |
| Annual               |      |      |      |      |                 |         |       |       |         |         |        |                  |                   |                   |                 |                  |      |                   |
| 2027                 | 0.02 | 0.02 | 0.28 | 0.8  | < 0.005         | < 0.005 | 0.02  | 0.02  | < 0.005 | < 0.005 | 0.01   |                  | 132               | 132               | 0.01            | < 0.005          | 0.03 | 133               |
| 2028                 | 0.03 | 0.08 | 0.37 | 0.97 | < 0.005         | 0.01    | 0.01  | 0.02  | < 0.005 | < 0.005 | 0.01   |                  | 155               | 155               | 0.01            | < 0.005          | 0.02 | 156               |

## 3. Construction Emissions Details

### 3.1. Demolition (2027) - Unmitigated

| Location            | TOG     | ROG     | NOx     | CO      | SO <sub>2</sub> | PM10E   | PM10D   | PM10T   | PM2.5E  | PM2.5D  | PM2.5T  | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R       | CO <sub>2</sub> e |
|---------------------|---------|---------|---------|---------|-----------------|---------|---------|---------|---------|---------|---------|------------------|-------------------|-------------------|-----------------|------------------|---------|-------------------|
| Onsite              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Daily, Summer (Max) |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment  | 0.61    | 0.51    | 5.03    | 8.82    | 0.01            | 0.16    | 0       | 0.16    | 0.15    | 0       | 0.15    |                  | 1318              | 1318              | 0.05            | 0.01             |         | 1322              |
| Demolition          | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Onsite truck        | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Daily, Winter (Max) |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Average Daily       | 0.05    | 0.04    | 0.37    | 0.65    | < 0.005         | 0.01    | 0       | 0.01    | 0.01    | 0       | 0.01    |                  | 97.5              | 97.5              | < 0.005         | < 0.005          |         | 97.8              |
| Off-Road Equipment  | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Demolition          | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Onsite truck        | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Annual              | 0.01    | 0.01    | 0.07    | 0.12    | < 0.005         | < 0.005 | 0       | < 0.005 | < 0.005 | 0       | < 0.005 |                  | 16.1              | 16.1              | < 0.005         | < 0.005          |         | 16.2              |
| Off-Road Equipment  | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Demolition          | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Onsite truck        | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Offsite             |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Daily, Summer (Max) |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker              | 0.06    | 0.05    | 0.05    | 0.9     | 0               | 0       | 0.2     | 0.2     | 0       | 0.05    | 0.05    |                  | 199               | 199               | 0.01            | 0.01             | 0.62    | 202               |
| Vendor              | 0.02    | 0.01    | 0.26    | 0.13    | < 0.005         | < 0.005 | 0.07    | 0.07    | < 0.005 | 0.02    | 0.02    |                  | 245               | 245               | 0.01            | 0.03             | 0.64    | 256               |
| Hauling             | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Daily, Winter (Max) |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Average Daily       | < 0.005 | < 0.005 | < 0.005 | 0.06    | 0               | 0       | 0.01    | 0.01    | 0       | < 0.005 | < 0.005 |                  | 14.2              | 14.2              | < 0.005         | < 0.005          | 0.02    | 14.4              |
| Worker              | < 0.005 | < 0.005 | 0.02    | 0.01    | < 0.005         | < 0.005 | 0.01    | 0.01    | < 0.005 | < 0.005 | < 0.005 |                  | 18.1              | 18.1              | < 0.005         | < 0.005          | 0.02    | 18.9              |
| Hauling             | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Annual              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.01    | 0               | 0       | < 0.005 | < 0.005 | 0       | < 0.005 | < 0.005 |                  | 2.35              | 2.35              | < 0.005         | < 0.005          | < 0.005 | 2.38              |
| Vendor              | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |                  | 3                 | 3                 | < 0.005         | < 0.005          | < 0.005 | 3.13              |
| Hauling             | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |

### 3.2. Demolition (2027) - Mitigated

| Location            | TOG     | ROG     | NOx     | CO      | SO <sub>2</sub> | PM10E   | PM10D   | PM10T   | PM2.5E  | PM2.5D  | PM2.5T  | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R       | CO <sub>2</sub> e |
|---------------------|---------|---------|---------|---------|-----------------|---------|---------|---------|---------|---------|---------|------------------|-------------------|-------------------|-----------------|------------------|---------|-------------------|
| Onsite              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Daily, Summer (Max) |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment  | 0.13    | 0.13    | 1.24    | 9.21    | 0.01            | 0.02    |         | 0.02    | 0.02    |         | 0.02    |                  | 1318              | 1318              | 0.05            | 0.01             |         | 1322              |
| Demolition          |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Onsite truck        | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Daily, Winter (Max) |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Average Daily       |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment  | 0.01    | 0.01    | 0.09    | 0.68    | < 0.005         | < 0.005 |         | < 0.005 | < 0.005 |         | < 0.005 |                  | 97.5              | 97.5              | < 0.005         | < 0.005          |         | 97.8              |
| Demolition          |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Onsite truck        | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Annual              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment  | < 0.005 | < 0.005 | 0.02    | 0.12    | < 0.005         | < 0.005 |         | < 0.005 | < 0.005 |         | < 0.005 |                  | 16.1              | 16.1              | < 0.005         | < 0.005          |         | 16.2              |
| Demolition          |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Onsite truck        | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Offsite             |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Daily, Summer (Max) |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker              | 0.06    | 0.05    | 0.05    | 0.9     | 0               | 0       | 0.2     | 0.2     | 0       | 0.05    | 0.05    |                  | 199               | 199               | 0.01            | 0.01             | 0.62    | 202               |
| Vendor              | 0.02    | 0.01    | 0.36    | 0.13    | < 0.005         | 0.07    | 0.07    | 0.07    | < 0.005 | 0.02    | 0.02    |                  | 245               | 245               | 0.01            | 0.03             | 0.64    | 256               |
| Hauling             | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Daily, Winter (Max) |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Average Daily       |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.06    | 0               | 0       | 0.01    | 0.01    | 0       | < 0.005 | < 0.005 |                  | 14.2              | 14.2              | < 0.005         | < 0.005          | 0.02    | 14.4              |
| Vendor              | < 0.005 | < 0.005 | 0.02    | 0.01    | < 0.005         | < 0.005 | 0.01    | 0.01    | < 0.005 | < 0.005 | < 0.005 |                  | 18.1              | 18.1              | < 0.005         | < 0.005          | 0.02    | 18.9              |
| Hauling             | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Annual              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.01    | 0               | 0       | < 0.005 | < 0.005 | 0       | < 0.005 | < 0.005 |                  | 2.35              | 2.35              | < 0.005         | < 0.005          | < 0.005 | 2.38              |
| Vendor              | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |                  | 3                 | 3                 | < 0.005         | < 0.005          | < 0.005 | 3.13              |
| Hauling             | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       |                  | 0                 | 0                 | 0               | 0                | 0       | 0                 |

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|                                            | TOG     | ROG     | NOx     | CO      | SO <sub>2</sub> | PM10E   | PM10D   | PM10T   | PM2.5E  | PM2.5D  | PM2.5T  | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R       | CO <sub>2</sub> e |
|--------------------------------------------|---------|---------|---------|---------|-----------------|---------|---------|---------|---------|---------|---------|------------------|-------------------|-------------------|-----------------|------------------|---------|-------------------|
| Onsite                                     |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Daily, Summer (Max)                        |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment                         | 0       | 0       | 0       | 0       | 0               | 0       |         | 0       | 0       |         | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Demolition                                 |         |         |         |         |                 |         | 0.05    | 0.05    |         | 0.01    | 0.01    |                  |                   |                   |                 |                  |         |                   |
| Onsite truck                               | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Daily, Winter (Max)                        |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Average Daily                              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment                         | 0       | 0       | 0       | 0       | 0               | 0       |         | 0       | 0       |         | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Demolition                                 |         |         |         |         |                 |         | < 0.005 | < 0.005 |         | < 0.005 | < 0.005 |                  |                   |                   |                 |                  |         |                   |
| Onsite truck                               | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Annual                                     |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment                         | 0       | 0       | 0       | 0       | 0               | 0       |         | 0       | 0       |         | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Demolition                                 |         |         |         |         |                 |         | < 0.005 | < 0.005 |         | < 0.005 | < 0.005 |                  |                   |                   |                 |                  |         |                   |
| Onsite truck                               | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Offsite                                    |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Daily, Summer (Max)                        |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker                                     | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Vendor                                     | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Hauling                                    | < 0.005 | < 0.005 | 0.08    | 0.03    | < 0.005         | < 0.005 | 0.02    | 0.02    | < 0.005 | 0.01    | 0.01    |                  | 66.7              | 66.7              | < 0.005         | 0.01             | 0.14    | 70.1              |
| Daily, Winter (Max)                        |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Average Daily                              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker                                     | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Vendor                                     | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Hauling                                    | < 0.005 | < 0.005 | 0.01    | < 0.005 | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |                  | 4.93              | 4.93              | < 0.005         | < 0.005          | < 0.005 | 5.18              |
| Annual                                     |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker                                     | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Vendor                                     | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Hauling                                    | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |                  | 0.82              | 0.82              | < 0.005         | < 0.005          | < 0.005 | 0.86              |
| 3.9. Site Preparation (2027) - Unmitigated |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
|                                            | TOG     | ROG     | NOx     | CO      | SO <sub>2</sub> | PM10E   | PM10D   | PM10T   | PM2.5E  | PM2.5D  | PM2.5T  | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R       | CO <sub>2</sub> e |
| Onsite                                     |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Daily, Summer (Max)                        |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment                         | 0.61    | 0.52    | 4.83    | 8.64    | 0.01            | 0.15    |         | 0.15    | 0.14    |         | 0.14    |                  | 1303              | 1303              | 0.05            | 0.01             |         | 1307              |
| Dust From Material Movement                |         |         |         |         |                 |         | 0       | 0       |         | 0       | 0       |                  |                   |                   |                 |                  |         |                   |
| Onsite truck                               | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Daily, Winter (Max)                        |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Average Daily                              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment                         | 0.01    | < 0.005 | 0.04    | 0.07    | < 0.005         | < 0.005 |         | < 0.005 | < 0.005 |         | < 0.005 |                  | 10.7              | 10.7              | < 0.005         | < 0.005          |         | 10.7              |
| Dust From Material Movement                |         |         |         |         |                 |         | 0       | 0       |         | 0       | 0       |                  |                   |                   |                 |                  |         |                   |
| Onsite truck                               | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Annual                                     |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment                         | < 0.005 | < 0.005 | 0.01    | 0.01    | < 0.005         | < 0.005 |         | < 0.005 | < 0.005 |         | < 0.005 |                  | 1.77              | 1.77              | < 0.005         | < 0.005          |         | 1.78              |
| Dust From Material Movement                |         |         |         |         |                 |         | 0       | 0       |         | 0       | 0       |                  |                   |                   |                 |                  |         |                   |
| Onsite truck                               | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Offsite                                    |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Daily, Summer (Max)                        |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker                                     | 0.05    | 0.04    | 0.04    | 0.75    | 0               | 0       | 0.16    | 0.16    | 0       | 0.04    | 0.04    |                  | 166               | 166               | 0.01            | 0.01             | 0.52    | 169               |
| Vendor                                     | 0.02    | 0.01    | 0.33    | 0.16    | < 0.005         | < 0.005 | 0.09    | 0.09    | < 0.005 | 0.02    | 0.03    |                  | 306               | 306               | 0.01            | 0.04             | 0.8     | 319               |
| Hauling                                    | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Daily, Winter (Max)                        |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Average Daily                              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker                                     | < 0.005 | < 0.005 | < 0.005 | 0.01    | 0               | 0       | < 0.005 | < 0.005 | 0       | < 0.005 | < 0.005 |                  | 1.31              | 1.31              | < 0.005         | < 0.005          | < 0.005 | 1.33              |
| Vendor                                     | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |                  | 2.51              | 2.51              | < 0.005         | < 0.005          | < 0.005 | 2.62              |
| Hauling                                    | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Annual                                     |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker                                     | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0               | 0       | < 0.005 | < 0.005 | 0       | < 0.005 | < 0.005 |                  | 0.22              | 0.22              | < 0.005         | < 0.005          | < 0.005 | 0.22              |
| Vendor                                     | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |                  | 0.42              | 0.42              | < 0.005         | < 0.005          | < 0.005 | 0.43              |
| Hauling                                    | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| 3.10. Site Preparation (2027) - Mitigated  |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
|                                            | TOG     | ROG     | NOx     | CO      | SO <sub>2</sub> | PM10E   | PM10D   | PM10T   | PM2.5E  | PM2.5D  | PM2.5T  | BCO <sub>2</sub> | NBCO <sub>2</sub> | CO <sub>2</sub> T | CH <sub>4</sub> | N <sub>2</sub> O | R       | CO <sub>2</sub> e |
| Onsite                                     |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Daily, Summer (Max)                        |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment                         | 0.13    | 0.13    | 1.23    | 9.1     | 0.01            | 0.02    |         | 0.02    | 0.02    |         | 0.02    |                  | 1303              | 1303              | 0.05            | 0.01             |         | 1307              |
| Dust From Material Movement                |         |         |         |         |                 |         | 0       | 0       |         | 0       | 0       |                  |                   |                   |                 |                  |         |                   |
| Onsite truck                               | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Daily, Winter (Max)                        |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Average Daily                              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment                         | < 0.005 | < 0.005 | 0.01    | 0.07    | < 0.005         | < 0.005 |         | < 0.005 | < 0.005 |         | < 0.005 |                  | 10.7              | 10.7              | < 0.005         | < 0.005          |         | 10.7              |
| Dust From Material Movement                |         |         |         |         |                 |         | 0       | 0       |         | 0       | 0       |                  |                   |                   |                 |                  |         |                   |
| Onsite truck                               | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Annual                                     |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Off-Road Equipment                         | < 0.005 | < 0.005 | < 0.005 | 0.01    | < 0.005         | < 0.005 |         | < 0.005 | < 0.005 |         | < 0.005 |                  | 1.77              | 1.77              | < 0.005         | < 0.005          |         | 1.78              |
| Dust From Material Movement                |         |         |         |         |                 |         | 0       | 0       |         | 0       | 0       |                  |                   |                   |                 |                  |         |                   |
| Onsite truck                               | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Offsite                                    |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Daily, Summer (Max)                        |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker                                     | 0.05    | 0.04    | 0.04    | 0.75    | 0               | 0       | 0.16    | 0.16    | 0       | 0.04    | 0.04    |                  | 166               | 166               | 0.01            | 0.01             | 0.52    | 169               |
| Vendor                                     | 0.02    | 0.01    | 0.33    | 0.16    | < 0.005         | < 0.005 | 0.09    | 0.09    | < 0.005 | 0.02    | 0.03    |                  | 306               | 306               | 0.01            | 0.04             | 0.8     | 319               |
| Hauling                                    | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       | 0       | 0                | 0                 | 0                 | 0               | 0                | 0       | 0                 |
| Daily, Winter (Max)                        |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Average Daily                              |         |         |         |         |                 |         |         |         |         |         |         |                  |                   |                   |                 |                  |         |                   |
| Worker                                     | < 0.005 | < 0.005 | < 0.005 | 0.01    | 0               | 0       | < 0.005 | < 0.005 | 0       | < 0.005 | < 0.005 |                  | 1.31              | 1.31              | < 0.005         | < 0.005          | < 0.005 | 1.33              |
| Vendor                                     | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005         | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |                  | 2.51              | 2.51              | < 0.005         | < 0.005          | < 0.005 | 2.62              |
| Hauling                                    | 0       | 0       | 0       | 0       | 0               | 0       | 0       | 0       | 0       | 0       |         |                  |                   |                   |                 |                  |         |                   |

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# Offsite

## Daily, Summer (Max)

|         |      |      |      |      |   |   |      |      |   |      |      |      |      |         |         |      |      |
|---------|------|------|------|------|---|---|------|------|---|------|------|------|------|---------|---------|------|------|
| Worker  | 0.01 | 0.01 | 0.01 | 0.14 | 0 | 0 | 0.03 | 0.03 | 0 | 0.01 | 0.01 | 32.6 | 32.6 | < 0.005 | < 0.005 | 0.09 | 33.1 |
| Vendor  | 0    | 0    | 0    | 0    | 0 | 0 | 0    | 0    | 0 | 0    | 0    | 0    | 0    | 0       | 0       | 0    | 0    |
| Hauling | 0    | 0    | 0    | 0    | 0 | 0 | 0    | 0    | 0 | 0    | 0    | 0    | 0    | 0       | 0       | 0    | 0    |

## Daily, Winter (Max)

|               |         |         |         |         |   |   |         |         |   |         |         |      |      |         |         |         |      |
|---------------|---------|---------|---------|---------|---|---|---------|---------|---|---------|---------|------|------|---------|---------|---------|------|
| Average Daily |         |         |         |         |   |   |         |         |   |         |         |      |      |         |         |         |      |
| Worker        | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0 | 0 | < 0.005 | < 0.005 | 0 | < 0.005 | < 0.005 | 0.43 | 0.43 | < 0.005 | < 0.005 | < 0.005 | 0.44 |
| Vendor        | 0       | 0       | 0       | 0       | 0 | 0 | 0       | 0       | 0 | 0       | 0       | 0    | 0    | 0       | 0       | 0       | 0    |
| Hauling       | 0       | 0       | 0       | 0       | 0 | 0 | 0       | 0       | 0 | 0       | 0       | 0    | 0    | 0       | 0       | 0       | 0    |
| Annual        |         |         |         |         |   |   |         |         |   |         |         |      |      |         |         |         |      |
| Worker        | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0 | 0 | < 0.005 | < 0.005 | 0 | < 0.005 | < 0.005 | 0.07 | 0.07 | < 0.005 | < 0.005 | < 0.005 | 0.07 |
| Vendor        | 0       | 0       | 0       | 0       | 0 | 0 | 0       | 0       | 0 | 0       | 0       | 0    | 0    | 0       | 0       | 0       | 0    |
| Hauling       | 0       | 0       | 0       | 0       | 0 | 0 | 0       | 0       | 0 | 0       | 0       | 0    | 0    | 0       | 0       | 0       | 0    |

## 5. Activity Data

### 5.1. Construction Schedule

| Phase Name                              | Phase Type            | Start Date | End Date | Days Per Week | Work Days per Phase | Phase Description |
|-----------------------------------------|-----------------------|------------|----------|---------------|---------------------|-------------------|
| Phase 3 Building Demolition             | Demolition            | 46553      | 46589    | 5             | 27                  |                   |
| Phase 3 Building Demolition Debris Haul | Demolition            | 46553      | 46589    | 5             | 27                  |                   |
| Phase 3 Asphalt Demolition              | Demolition            | 46553      | 46589    | 5             | 27                  |                   |
| Phase 3 Asphalt Demolition Debris Haul  | Demolition            | 46553      | 46589    | 5             | 27                  |                   |
| Phase 3 Site Preparation                | Site Preparation      | 46589      | 46591    | 5             | 3                   |                   |
| Phase 3 Building Construction           | Building Construction | 46597      | 46976    | 5             | 272                 |                   |
| Phase 3 Paving                          | Paving                | 46959      | 46976    | 5             | 14                  |                   |
| Phase 3 Architectural Coating           | Architectural Coating | 46959      | 46976    | 5             | 14                  |                   |
| Phase 3 Utility Trenching               | Trenching             | 46591      | 46597    | 5             | 5                   |                   |
| Phase 3 Finishing/Landscaping           | Trenching             | 46970      | 46976    | 5             | 5                   |                   |

### 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 |
|-----------------------------------------|---------------------------|-----------|-------------|----------------|---------------|------------|-------------|
| Phase 3 Building Demolition             | Concrete/Industrial Saws  | Diesel    | Average     | 0              | 8             | 33         | 0.73        |
| Phase 3 Building Demolition             | Rubber Tired Dozers       | Diesel    | Average     | 0              | 8             | 367        | 0.4         |
| Phase 3 Building Demolition             | Tractors/Loaders/Backhoes | Diesel    | Average     | 3              | 8             | 84         | 0.37        |
| Phase 3 Building Demolition Debris Haul | Concrete/Industrial Saws  | Diesel    | Average     | 0              | 8             | 33         | 0.73        |
| Phase 3 Building Demolition Debris Haul | Rubber Tired Dozers       | Diesel    | Average     | 0              | 8             | 367        | 0.4         |
| Phase 3 Building Demolition Debris Haul | Tractors/Loaders/Backhoes | Diesel    | Average     | 0              | 8             | 84         | 0.37        |
| Phase 3 Asphalt Demolition              | Concrete/Industrial Saws  | Diesel    | Average     | 0              | 8             | 33         | 0.73        |
| Phase 3 Asphalt Demolition              | Rubber Tired Dozers       | Diesel    | Average     | 0              | 8             | 367        | 0.4         |
| Phase 3 Asphalt Demolition              | Tractors/Loaders/Backhoes | Diesel    | Average     | 0              | 8             | 84         | 0.37        |
| Phase 3 Asphalt Demolition Debris Haul  | Concrete/Industrial Saws  | Diesel    | Average     | 0              | 8             | 33         | 0.73        |
| Phase 3 Asphalt Demolition Debris Haul  | Rubber Tired Dozers       | Diesel    | Average     | 0              | 8             | 367        | 0.4         |
| Phase 3 Asphalt Demolition Debris Haul  | Tractors/Loaders/Backhoes | Diesel    | Average     | 0              | 8             | 84         | 0.37        |
| Phase 3 Site Preparation                | Graders                   | Diesel    | Average     | 0              | 8             | 148        | 0.41        |
| Phase 3 Site Preparation                | Rubber Tired Dozers       | Diesel    | Average     | 0              | 7             | 367        | 0.4         |
| Phase 3 Site Preparation                | Tractors/Loaders/Backhoes | Diesel    | Average     | 4              | 8             | 84         | 0.37        |
| Phase 3 Building Construction           | Cranes                    | Diesel    | Average     | 1              | 6             | 367        | 0.29        |
| Phase 3 Building Construction           | Forklifts                 | Diesel    | Average     | 1              | 6             | 82         | 0.2         |
| Phase 3 Building Construction           | Generator Sets            | Diesel    | Average     | 1              | 8             | 14         | 0.74        |
| Phase 3 Building Construction           | Tractors/Loaders/Backhoes | Diesel    | Average     | 1              | 6             | 84         | 0.37        |
| Phase 3 Building Construction           | Welders                   | Diesel    | Average     | 3              | 8             | 46         | 0.45        |
| Phase 3 Paving                          | Cement and Mortar Mixers  | Diesel    | Average     | 0              | 6             | 10         | 0.56        |
| Phase 3 Paving                          | Pavers                    | Diesel    | Average     | 0              | 6             | 81         | 0.42        |
| Phase 3 Paving                          | Paving Equipment          | Diesel    | Average     | 0              | 8             | 89         | 0.36        |
| Phase 3 Paving                          | Rollers                   | Diesel    | Average     | 1              | 8             | 36         | 0.38        |
| Phase 3 Paving                          | Tractors/Loaders/Backhoes | Diesel    | Average     | 2              | 8             | 84         | 0.37        |
| Phase 3 Architectural Coating           | Air Compressors           | Diesel    | Average     | 1              | 6             | 37         | 0.48        |
| Phase 3 Building Demolition             | Forklifts                 | Diesel    | Average     | 2              | 8             | 82         | 0.2         |
| Phase 3 Building Demolition             | Excavators                | Diesel    | Average     | 1              | 8             | 36         | 0.38        |
| Phase 3 Site Preparation                | Rollers                   | Diesel    | Average     | 1              | 8             | 36         | 0.38        |
| Phase 3 Utility Trenching               | Excavators                | Diesel    | Average     | 1              | 8             | 36         | 0.38        |
| Phase 3 Finishing/Landscaping           | Excavators                | Diesel    | Average     | 1              | 8             | 36         | 0.38        |

#### 5.2.2. Mitigated

| Phase Name                              | Equipment Type            | Fuel Type | Engine Tier  | Number per Day | Hours Per Day | Horsepower | Load Factor |
|-----------------------------------------|---------------------------|-----------|--------------|----------------|---------------|------------|-------------|
| Phase 3 Building Demolition             | Concrete/Industrial Saws  | Diesel    | Average      | 0              | 8             | 33         | 0.73        |
| Phase 3 Building Demolition             | Rubber Tired Dozers       | Diesel    | Average      | 0              | 8             | 367        | 0.4         |
| Phase 3 Building Demolition             | Tractors/Loaders/Backhoes | Diesel    | Tier 4 Final | 3              | 8             | 84         | 0.37        |
| Phase 3 Building Demolition Debris Haul | Concrete/Industrial Saws  | Diesel    | Average      | 0              | 8             | 33         | 0.73        |
| Phase 3 Building Demolition Debris Haul | Rubber Tired Dozers       | Diesel    | Average      | 0              | 8             | 367        | 0.4         |
| Phase 3 Building Demolition Debris Haul | Tractors/Loaders/Backhoes | Diesel    | Average      | 0              | 8             | 84         | 0.37        |
| Phase 3 Asphalt Demolition              | Concrete/Industrial Saws  | Diesel    | Average      | 0              | 8             | 33         | 0.73        |
| Phase 3 Asphalt Demolition              | Rubber Tired Dozers       | Diesel    | Average      | 0              | 8             | 367        | 0.4         |
| Phase 3 Asphalt Demolition              | Tractors/Loaders/Backhoes | Diesel    | Average      | 0              | 8             | 84         | 0.37        |
| Phase 3 Asphalt Demolition Debris Haul  | Concrete/Industrial Saws  | Diesel    | Average      | 0              | 8             | 33         | 0.73        |
| Phase 3 Asphalt Demolition Debris Haul  | Rubber Tired Dozers       | Diesel    | Average      | 0              | 8             | 367        | 0.4         |
| Phase 3 Asphalt Demolition Debris Haul  | Tractors/Loaders/Backhoes | Diesel    | Average      | 0              | 8             | 84         | 0.37        |
| Phase 3 Site Preparation                | Graders                   | Diesel    | Average      | 0              | 8             | 148        | 0.41        |
| Phase 3 Site Preparation                | Rubber Tired Dozers       | Diesel    | Average      | 0              | 7             | 367        | 0.4         |
| Phase 3 Site Preparation                | Tractors/Loaders/Backhoes | Diesel    | Tier 4 Final | 4              | 8             | 84         | 0.37        |
| Phase 3 Building Construction           | Cranes                    | Diesel    | Tier 4 Final | 1              | 6             | 367        | 0.29        |
| Phase 3 Building Construction           | Forklifts                 | Diesel    | Tier 4 Final | 1              | 6             | 82         | 0.2         |
| Phase 3 Building Construction           | Generator Sets            | Diesel    | Average      | 1              | 8             | 14         | 0.74        |
| Phase 3 Building Construction           | Tractors/Loaders/Backhoes | Diesel    | Tier 4 Final | 1              | 6             | 84         | 0.37        |
| Phase 3 Building Construction           | Welders                   | Diesel    | Tier 4 Final | 3              | 8             | 46         | 0.45        |
| Phase 3 Paving                          | Cement and Mortar Mixers  | Diesel    | Average      | 0              | 6             | 10         | 0.56        |
| Phase 3 Paving                          | Pavers                    | Diesel    | Average      | 0              | 6             | 81         | 0.42        |
| Phase 3 Paving                          | Paving Equipment          | Diesel    | Average      | 0              | 8             | 89         | 0.36        |
| Phase 3 Paving                          | Rollers                   | Diesel    | Tier 4 Final | 1              | 8             | 36         | 0.38        |
| Phase 3 Paving                          | Tractors/Loaders/Backhoes | Diesel    | Tier 4 Final | 2              | 8             | 84         | 0.37        |
| Phase 3 Architectural Coating           | Air Compressors           | Diesel    | Tier 4 Final | 1              | 6             | 37         | 0.48        |
| Phase 3 Building Demolition             | Forklifts                 | Diesel    | Tier 4 Final | 2              | 8             | 82         | 0.2         |
| Phase 3 Building Demolition             | Excavators                | Diesel    | Tier 4 Final | 1              | 8             | 36         | 0.38        |
| Phase 3 Site Preparation                | Rollers                   | Diesel    | Tier 4 Final | 1              | 8             | 36         | 0.38        |
| Phase 3 Utility Trenching               | Excavators                | Diesel    | Tier 4 Final | 1              | 8             | 36         | 0.38        |
| Phase 3 Finishing/Landscaping           | Excavators                | Diesel    | Tier 4 Final | 1              | 8             | 36         | 0.38        |

### 5.3. Construction Vehicles

#### 5.3.1. Unmitigated

| Phase Name                              | Trip Type    | One-Way Trips per Day | Miles per Trip | Vehicle Mix   |
|-----------------------------------------|--------------|-----------------------|----------------|---------------|
| Phase 3 Building Demolition             | Worker       | 15                    | 18.5           | LDL,LDT1,LDT2 |
| Phase 3 Building Demolition             | Vendor       | 8                     | 10.2           | HHDT,MHDT     |
| Phase 3 Building Demolition             | Hauling      | 0                     | 20             | HHDT          |
| Phase 3 Building Demolition             | Onsite truck | 0                     |                | HHDT          |
| Phase 3 Building Demolition Debris Haul | Worker       | 0                     | 18.5           | LDL,LDT1,LDT2 |
| Phase 3 Building Demolition Debris Haul | Vendor       | 0                     | 10.2           | HHDT,MHDT     |
| Phase 3 Building Demolition Debris Haul | Hauling      | 4                     | 20             | HHDT          |
| Phase 3 Building Demolition Debris Haul | Onsite truck | 0                     |                | HHDT          |
| Phase 3 Asphalt Demolition              | Worker       | 0                     | 18.5           | LDL,LDT1,LDT2 |
| Phase 3 Asphalt Demolition              | Vendor       | 0                     | 10.2           | HHDT,MHDT     |
| Phase 3 Asphalt Demolition              | Hauling      | 0                     | 20             | HHDT          |
| Phase 3 Asphalt Demolition              | Onsite truck | 0                     |                | HHDT          |
| Phase 3 Asphalt Demolition Debris Haul  | Worker       | 0                     | 18.5           | LDL,LDT1,LDT2 |
| Phase 3 Asphalt Demolition Debris Haul  | Vendor       | 0                     | 10.2           | HHDT,MHDT     |
| Phase 3 Asphalt Demolition Debris Haul  | Hauling      | 1                     | 20             | HHDT          |
| Phase 3 Asphalt Demolition Debris Haul  | Onsite truck | 0                     |                | HHDT          |
| Phase 3 Site Preparation                | Worker       | 12.5                  | 18.5           | LDL,LDT1,LDT2 |
| Phase 3 Site Preparation                | Vendor       | 10                    | 10.2           | HHDT,MHDT     |
| Phase 3 Site Preparation                | Hauling      | 0                     | 20             | HHDT          |
| Phase 3 Site Preparation                | Onsite truck | 0                     |                | HHDT          |
| Phase 3 Building Construction           | Worker       | 9.95                  | 18.5           | LDL,LDT1,LDT2 |
| Phase 3 Building Construction           | Vendor       | 3.88                  | 10.2           | HHDT,MHDT     |
| Phase 3 Building Construction           | Hauling      | 0                     | 20             | HHDT          |
| Phase 3 Building Construction           | Onsite truck | 0                     |                | HHDT          |
| Phase 3 Paving                          | Worker       | 7.5                   | 18.5           | LDL,LDT1,LDT2 |
| Phase 3 Paving                          | Vendor       | 0                     | 10.2           | HHDT,MHDT     |
| Phase 3 Paving                          | Hauling      | 0                     | 20             | HHDT          |
| Phase 3 Paving                          | Onsite truck | 0                     |                | HHDT          |
| Phase 3 Architectural Coating           | Worker       | 1.99                  | 18.5           | LDL,LDT1,LDT2 |
| Phase 3 Architectural Coating           | Vendor       | 0                     | 10.2           | HHDT,MHDT     |
| Phase 3 Architectural Coating           | Hauling      | 0                     | 20             | HHDT          |
| Phase 3 Architectural Coating           | Onsite truck | 0                     |                | HHDT          |
| Phase 3 Utility Trenching               | Worker       | 2.5                   | 18.5           | LDL,LDT1,LDT2 |
| Phase 3 Utility Trenching               | Vendor       | 0                     | 10.2           | HHDT,MHDT     |
| Phase 3 Utility Trenching               | Hauling      | 0                     | 20             | HHDT          |
| Phase 3 Utility Trenching               | Onsite truck | 0                     |                | HHDT          |
| Phase 3 Finishing/Landscaping           | Worker       | 2.5                   | 18.5           | LDL,LDT1,LDT2 |
| Phase 3 Finishing/Landscaping           | Vendor       | 0                     | 10.2           | HHDT,MHDT     |

|                                                                 |                                          |                                                  |                                             |                                                      |
|-----------------------------------------------------------------|------------------------------------------|--------------------------------------------------|---------------------------------------------|------------------------------------------------------|
| Phase 3 Finishing/Landscaping                                   | Hauling                                  | 0                                                | 20                                          | HHDT                                                 |
| Phase 3 Finishing/Landscaping                                   | Onsite truck                             | 0                                                |                                             | HHDT                                                 |
| 5.3.2. Mitigated                                                |                                          |                                                  |                                             |                                                      |
| Phase Name                                                      | Trip Type                                | One-Way Trips per Day                            | Miles per Trip                              | Vehicle Mix                                          |
| Phase 3 Building Demolition                                     | Worker                                   | 15                                               |                                             | 18.5 LDA,LDT1,LDT2                                   |
| Phase 3 Building Demolition                                     | Vendor                                   | 8                                                |                                             | 10.2 HHDT,MHDT                                       |
| Phase 3 Building Demolition                                     | Hauling                                  | 0                                                |                                             | 20 HHDT                                              |
| Phase 3 Building Demolition                                     | Onsite truck                             | 0                                                |                                             | HHDT                                                 |
| Phase 3 Building Demolition Debris Haul                         | Worker                                   | 0                                                |                                             | 18.5 LDA,LDT1,LDT2                                   |
| Phase 3 Building Demolition Debris Haul                         | Vendor                                   | 0                                                |                                             | 10.2 HHDT,MHDT                                       |
| Phase 3 Building Demolition Debris Haul                         | Hauling                                  | 4                                                |                                             | 20 HHDT                                              |
| Phase 3 Building Demolition Debris Haul                         | Onsite truck                             | 0                                                |                                             | HHDT                                                 |
| Phase 3 Asphalt Demolition                                      | Worker                                   | 0                                                |                                             | 18.5 LDA,LDT1,LDT2                                   |
| Phase 3 Asphalt Demolition                                      | Vendor                                   | 0                                                |                                             | 10.2 HHDT,MHDT                                       |
| Phase 3 Asphalt Demolition                                      | Hauling                                  | 0                                                |                                             | 20 HHDT                                              |
| Phase 3 Asphalt Demolition                                      | Onsite truck                             | 0                                                |                                             | HHDT                                                 |
| Phase 3 Asphalt Demolition Debris Haul                          | Worker                                   | 0                                                |                                             | 18.5 LDA,LDT1,LDT2                                   |
| Phase 3 Asphalt Demolition Debris Haul                          | Vendor                                   | 0                                                |                                             | 10.2 HHDT,MHDT                                       |
| Phase 3 Asphalt Demolition Debris Haul                          | Hauling                                  | 1                                                |                                             | 20 HHDT                                              |
| Phase 3 Asphalt Demolition Debris Haul                          | Onsite truck                             | 0                                                |                                             | HHDT                                                 |
| Phase 3 Site Preparation                                        | Worker                                   | 12.5                                             |                                             | 18.5 LDA,LDT1,LDT2                                   |
| Phase 3 Site Preparation                                        | Vendor                                   | 10                                               |                                             | 10.2 HHDT,MHDT                                       |
| Phase 3 Site Preparation                                        | Hauling                                  | 0                                                |                                             | 20 HHDT                                              |
| Phase 3 Site Preparation                                        | Onsite truck                             | 0                                                |                                             | HHDT                                                 |
| Phase 3 Building Construction                                   | Worker                                   | 9.95                                             |                                             | 18.5 LDA,LDT1,LDT2                                   |
| Phase 3 Building Construction                                   | Vendor                                   | 3.88                                             |                                             | 10.2 HHDT,MHDT                                       |
| Phase 3 Building Construction                                   | Hauling                                  | 0                                                |                                             | 20 HHDT                                              |
| Phase 3 Building Construction                                   | Onsite truck                             | 0                                                |                                             | HHDT                                                 |
| Phase 3 Paving                                                  | Worker                                   | 7.5                                              |                                             | 18.5 LDA,LDT1,LDT2                                   |
| Phase 3 Paving                                                  | Vendor                                   | 0                                                |                                             | 10.2 HHDT,MHDT                                       |
| Phase 3 Paving                                                  | Hauling                                  | 0                                                |                                             | 20 HHDT                                              |
| Phase 3 Paving                                                  | Onsite truck                             | 0                                                |                                             | HHDT                                                 |
| Phase 3 Architectural Coating                                   | Worker                                   | 1.99                                             |                                             | 18.5 LDA,LDT1,LDT2                                   |
| Phase 3 Architectural Coating                                   | Vendor                                   | 0                                                |                                             | 10.2 HHDT,MHDT                                       |
| Phase 3 Architectural Coating                                   | Hauling                                  | 0                                                |                                             | 20 HHDT                                              |
| Phase 3 Architectural Coating                                   | Onsite truck                             | 0                                                |                                             | HHDT                                                 |
| Phase 3 Utility Trenching                                       | Worker                                   | 2.5                                              |                                             | 18.5 LDA,LDT1,LDT2                                   |
| Phase 3 Utility Trenching                                       | Vendor                                   | 0                                                |                                             | 10.2 HHDT,MHDT                                       |
| Phase 3 Utility Trenching                                       | Hauling                                  | 0                                                |                                             | 20 HHDT                                              |
| Phase 3 Utility Trenching                                       | Onsite truck                             | 0                                                |                                             | HHDT                                                 |
| Phase 3 Finishing/Landscaping                                   | Worker                                   | 2.5                                              |                                             | 18.5 LDA,LDT1,LDT2                                   |
| Phase 3 Finishing/Landscaping                                   | Vendor                                   | 0                                                |                                             | 10.2 HHDT,MHDT                                       |
| Phase 3 Finishing/Landscaping                                   | Hauling                                  | 0                                                |                                             | 20 HHDT                                              |
| Phase 3 Finishing/Landscaping                                   | Onsite truck                             | 0                                                |                                             | 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 m                   | 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 G Coated (sq ft)       | Non-Residential Interior A Coated (sq ft)   | Non-Residential Exterior Parking Area Coated (sq ft) |
| Phase 3 Architectural Coating                                   | 0                                        | 0                                                | 35550                                       | 11850 887                                            |
| 5.6. Dust Mitigation                                            |                                          |                                                  |                                             |                                                      |
| 5.6.1. Construction Earthmoving Activities                      |                                          |                                                  |                                             |                                                      |
| Phase Name                                                      | Material Imported (Cubic Yards)          | Material Exported (Cubic Y. Acres Graded (acres) | Material Demolished (Tc Acres Paved (acres) |                                                      |
| Phase 3 Building Demolition                                     | 0                                        | 0                                                | 0                                           | 0                                                    |
| Phase 3 Building Demolition Debris Haul                         | 0                                        | 0                                                | 0                                           | 681                                                  |
| Phase 3 Asphalt Demolition                                      | 0                                        | 0                                                | 0                                           | 0                                                    |
| Phase 3 Asphalt Demolition Debris Haul                          | 0                                        | 0                                                | 0                                           | 106                                                  |
| Phase 3 Site Preparation                                        | 0                                        | 0                                                | 0                                           | 0                                                    |
| Phase 3 Paving                                                  | 0                                        | 0                                                | 0                                           | 0                                                    |
| 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                                        |                                             |                                                      |
| Elementary School                                               | 0                                        | 0                                                |                                             |                                                      |
| Other Non-Asphalt Surfaces                                      | 0.08                                     | 0                                                |                                             |                                                      |
| Other Non-Asphalt Surfaces                                      | 0.38                                     | 0                                                |                                             |                                                      |
| 5.8. Construction Electricity Consumption and Emissions Factors |                                          |                                                  |                                             |                                                      |
| Year                                                            | kWh per Year                             | CO2                                              | CH4                                         | N2O                                                  |
| 2027                                                            |                                          | 0                                                | 450                                         | 0.03 < 0.005                                         |
| 2028                                                            |                                          | 0                                                | 450                                         | 0.03 < 0.005                                         |

## **CalEEMod Operations Model**



D-73

D-74

D-75

|                            |   |     |       |       |   |
|----------------------------|---|-----|-------|-------|---|
| Other Asphalt Surfaces     | 0 | 450 | 0.033 | 0.004 | 0 |
| Other Non-Asphalt Surfaces | 0 | 450 | 0.033 | 0.004 | 0 |
| Other Non-Asphalt Surfaces | 0 | 450 | 0.033 | 0.004 | 0 |

|                            |                      |     |       |       |                      |
|----------------------------|----------------------|-----|-------|-------|----------------------|
| 5.11.2. Mitigated          |                      |     |       |       |                      |
| Land Use                   | Electricity (kWh/yr) | CO2 | CH4   | N2O   | Natural Gas (Btu/yr) |
| Elementary School          | 510580               | 450 | 0.033 | 0.004 | 1712714              |
| Parking Lot                | 19975                | 450 | 0.033 | 0.004 | 0                    |
| Other Asphalt Surfaces     | 0                    | 450 | 0.033 | 0.004 | 0                    |
| Other Non-Asphalt Surfaces | 0                    | 450 | 0.033 | 0.004 | 0                    |
| Other Non-Asphalt Surfaces | 0                    | 450 | 0.033 | 0.004 | 0                    |

|                                                    |                         |                          |  |  |  |
|----------------------------------------------------|-------------------------|--------------------------|--|--|--|
| 5.12. Operational Water and Wastewater Consumption |                         |                          |  |  |  |
| 5.12.1. Unmitigated                                |                         |                          |  |  |  |
| Land Use                                           | Indoor Water (gal/year) | Outdoor Water (gal/year) |  |  |  |
| Elementary School                                  | 0                       | 0                        |  |  |  |
| Parking Lot                                        | 0                       | 0                        |  |  |  |
| Other Asphalt Surfaces                             | 0                       | 0                        |  |  |  |
| Other Non-Asphalt Surfaces                         | 0                       | 861628                   |  |  |  |
| Other Non-Asphalt Surfaces                         | 0                       | 0                        |  |  |  |

|                            |                         |                          |  |  |  |
|----------------------------|-------------------------|--------------------------|--|--|--|
| 5.12.2. Mitigated          |                         |                          |  |  |  |
| Land Use                   | Indoor Water (gal/year) | Outdoor Water (gal/year) |  |  |  |
| Elementary School          | 0                       | 0                        |  |  |  |
| Parking Lot                | 0                       | 0                        |  |  |  |
| Other Asphalt Surfaces     | 0                       | 0                        |  |  |  |
| Other Non-Asphalt Surfaces | 0                       | 861628                   |  |  |  |
| Other Non-Asphalt Surfaces | 0                       | 0                        |  |  |  |

|                                    |                  |                         |  |  |  |
|------------------------------------|------------------|-------------------------|--|--|--|
| 5.13. Operational Waste Generation |                  |                         |  |  |  |
| 5.13.1. Unmitigated                |                  |                         |  |  |  |
| Land Use                           | Waste (ton/year) | Cogeneration (kWh/year) |  |  |  |
| Elementary School                  | 0                |                         |  |  |  |
| Parking Lot                        | 0                |                         |  |  |  |
| Other Asphalt Surfaces             | 0                |                         |  |  |  |
| Other Non-Asphalt Surfaces         | 0                |                         |  |  |  |
| Other Non-Asphalt Surfaces         | 0                |                         |  |  |  |

|                            |                  |                         |  |  |  |
|----------------------------|------------------|-------------------------|--|--|--|
| 5.13.2. Mitigated          |                  |                         |  |  |  |
| Land Use                   | Waste (ton/year) | Cogeneration (kWh/year) |  |  |  |
| Elementary School          | 0                |                         |  |  |  |
| Parking Lot                | 0                |                         |  |  |  |
| Other Asphalt Surfaces     | 0                |                         |  |  |  |
| Other Non-Asphalt Surfaces | 0                |                         |  |  |  |
| Other Non-Asphalt Surfaces | 0                |                         |  |  |  |

|                                                                |                                               |             |      |               |                      |                   |                |
|----------------------------------------------------------------|-----------------------------------------------|-------------|------|---------------|----------------------|-------------------|----------------|
| 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 |
| Elementary School                                              | Household refrigerators and/or freezers       | R-134a      | 1430 | 0.02          | 0.6                  | 0                 | 1              |
| Elementary School                                              | Other commercial A/C and heat pumps           | R-410A      | 2088 | < 0.005       | 4                    | 4                 | 18             |
| Elementary School                                              | Stand-alone retail refrigerators and freezers | R-134a      | 1430 | < 0.005       | 1                    | 0                 | 1              |
| Elementary School                                              | Walk-in refrigerators and freezers            | R-404A      | 3922 | < 0.005       | 7.5                  | 7.5               | 20             |
| 5.14.2. Mitigated                                              |                                               |             |      |               |                      |                   |                |
| Land Use Type                                                  | Equipment Type                                | Refrigerant | GWP  | Quantity (kg) | Operations Leak Rate | Service Leak Rate | Times Serviced |
| Elementary School                                              | Household refrigerators and/or freezers       | R-134a      | 1430 | 0.02          | 0.6                  | 0                 | 1              |
| Elementary School                                              | Other commercial A/C and heat pumps           | R-410A      | 2088 | < 0.005       | 4                    | 4                 | 18             |
| Elementary School                                              | Stand-alone retail refrigerators and freezers | R-134a      | 1430 | < 0.005       | 1                    | 0                 | 1              |
| Elementary School                                              | Walk-in refrigerators and freezers            | R-404A      | 3922 | < 0.005       | 7.5                  | 7.5               | 20             |

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

|                                        |                                                                                                                                                                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8. User Changes to Default Data Screen | Justification                                                                                                                                                                                                                                 |
| Characteristics: Utility Information   | based on the 2021 SCE Sustainability Report                                                                                                                                                                                                   |
| Land Use                               | project would involve development of two story building                                                                                                                                                                                       |
| Operations: Vehicle Data               | Student capacity is not anticipated to change from existing school capacity. Therefore, trip generation would be similar to existing conditions and was not added to the model.                                                               |
| Operations: Energy Use                 | adjusted to account for only net increase in building SF, assumes that existing and new buildings will have same energy rate as existing building energy rates are not available.                                                             |
| Operations: Water and Waste Water      | Because student capacity is not anticipated to change from existing school capacity, indoor water use would be similar to existing conditions. Modeling assumes that landscaping would be a new use and keeps the outdoor water default data. |
| Operations: Solid Waste                | Student capacity is not anticipated to change from existing school capacity. Therefore, solid waste generation would be similar to existing conditions and was not added to the model.                                                        |
| Operations: Architectural Coatings     | assumes only parking lot, asphalt surfaces, and landscaped surfaces would be striped                                                                                                                                                          |

# **LST Worksheets**

# Construction Localized Significance Thresholds: Phase 1 LST

| SRA No. | Acres | NOx & CO                          |                                 | PM10 & PM2.5                      |                                 | Construction / Project Site Size (Acres) |
|---------|-------|-----------------------------------|---------------------------------|-----------------------------------|---------------------------------|------------------------------------------|
|         |       | Source Receptor Distance (meters) | Source Receptor Distance (Feet) | Source Receptor Distance (meters) | Source Receptor Distance (Feet) |                                          |
| 2       | 0.00  | 25                                | 82                              | 25                                | 82                              | 0.62                                     |

| Source Receptor Distance (meters) | Northwest Coastal LA Count | Equipment | Acres/8-hr Day | Daily hours | Equipment Used | Acres |
|-----------------------------------|----------------------------|-----------|----------------|-------------|----------------|-------|
| 25                                |                            | Tractors  | 0.5            | 0.0625      |                | 0     |
| NOx                               | 103                        | Tractors  | 0.5            | 0.0625      |                | 0     |
| CO                                | 562                        | Graders   | 0.5            | 0.0625      |                | 0     |
| PM10                              | 4.00                       | Dozers    | 0.5            | 0.0625      |                | 0     |
| PM2.5                             | 3.00                       | Scrapers  | 1              | 0.125       |                | 0     |
|                                   |                            |           |                |             | Acres          | 0.00  |

|       | Acres | 25  | 50  | 100  | 200  | 500  |
|-------|-------|-----|-----|------|------|------|
| NOx   | 1     | 103 | 104 | 121  | 156  | 245  |
|       | 1     | 103 | 104 | 121  | 156  | 245  |
|       |       | 103 | 104 | 121  | 156  | 245  |
| CO    | 1     | 562 | 833 | 1233 | 2367 | 7724 |
|       | 1     | 562 | 833 | 1233 | 2367 | 7724 |
|       |       | 562 | 833 | 1233 | 2367 | 7724 |
| PM10  | 1     | 4   | 12  | 27   | 57   | 146  |
|       | 1     | 4   | 12  | 27   | 57   | 146  |
|       |       | 4   | 12  | 27   | 57   | 146  |
| PM2.5 | 1     | 3   | 4   | 8    | 18   | 77   |
|       | 1     | 3   | 4   | 8    | 18   | 77   |
|       |       | 3   | 4   | 8    | 18   | 77   |

Northwest Coastal LA County

0.00 Acres

|       | 25  | 50  | 100  | 200  | 500  |
|-------|-----|-----|------|------|------|
| NOx   | 103 | 104 | 121  | 156  | 245  |
| CO    | 562 | 833 | 1233 | 2367 | 7724 |
| PM10  | 4   | 12  | 27   | 57   | 146  |
| PM2.5 | 3   | 4   | 8    | 18   | 77   |

| Acre Below               |       | Acre Above |       |
|--------------------------|-------|------------|-------|
| SRA No.                  | Acres | SRA No.    | Acres |
| 2                        | 1     | 2          | 1     |
| Distance Increment Below |       |            |       |
| 25                       |       |            |       |
| Distance Increment Above |       |            |       |
| 25                       |       |            |       |

Updated: 10/21/2009 - Table C-1. 2006 – 2008

# **Construction Localized Significance Thresholds: Building and Asphalt Demolition and Demolition Debris Haul**

| SRA No.                                  | Acres | NOx & CO                          |                                 | PM10 & PM2.5                      |                                 | Construction / Project Site Size (Acres) |
|------------------------------------------|-------|-----------------------------------|---------------------------------|-----------------------------------|---------------------------------|------------------------------------------|
|                                          |       | Source Receptor Distance (meters) | Source Receptor Distance (Feet) | Source Receptor Distance (meters) | Source Receptor Distance (Feet) |                                          |
| 2                                        | 1.50  | 25                                | 82                              | 25                                | 82                              | 2.44                                     |
| <b>Source Receptor Distance (meters)</b> |       |                                   |                                 |                                   |                                 |                                          |
| <b>Northwest Coastal LA County</b>       |       |                                   |                                 |                                   |                                 |                                          |
| <b>Equipment</b>                         |       |                                   |                                 |                                   |                                 |                                          |
| <b>Acres/8-hr Day</b>                    |       |                                   |                                 |                                   |                                 |                                          |
| <b>Daily hours</b>                       |       |                                   |                                 |                                   |                                 |                                          |
| <b>Equipment Used</b>                    |       |                                   |                                 |                                   |                                 |                                          |
| <b>Acres</b>                             |       |                                   |                                 |                                   |                                 |                                          |
| 25                                       |       |                                   |                                 | 0.5                               | 0.0625                          | 8                                        |
| NOx                                      | 125   |                                   |                                 | 0.5                               | 0.0625                          | 8                                        |
| CO                                       | 694   |                                   |                                 | 0.5                               | 0.0625                          |                                          |
| PM10                                     | 5.00  |                                   |                                 | 0.5                               | 0.0625                          |                                          |
| PM2.5                                    | 3.50  |                                   |                                 | 1                                 | 0.125                           |                                          |
|                                          |       |                                   |                                 |                                   |                                 | 1.50                                     |
| <b>Acres</b>                             |       |                                   |                                 |                                   |                                 |                                          |
| 25                                       |       |                                   |                                 | 100                               |                                 | 200                                      |
| NOx                                      | 1     | 103                               | 104                             | 121                               | 156                             | 245                                      |
|                                          | 2     | 147                               | 143                             | 156                               | 186                             | 262                                      |
|                                          |       | 125                               | 124                             | 139                               | 171                             | 254                                      |
| CO                                       | 1     | 562                               | 833                             | 1233                              | 2367                            | 7724                                     |
|                                          | 2     | 827                               | 1213                            | 1695                              | 2961                            | 8446                                     |
|                                          |       | 695                               | 1023                            | 1464                              | 2664                            | 8085                                     |
| PM10                                     | 1     | 4                                 | 12                              | 27                                | 57                              | 146                                      |
|                                          | 2     | 6                                 | 19                              | 34                                | 64                              | 154                                      |
|                                          |       | 5                                 | 16                              | 31                                | 61                              | 150                                      |
| PM2.5                                    | 1     | 3                                 | 4                               | 8                                 | 18                              | 77                                       |
|                                          | 2     | 4                                 | 5                               | 10                                | 21                              | 82                                       |
|                                          |       | 4                                 | 5                               | 9                                 | 20                              | 80                                       |
| <b>Northwest Coastal LA County</b>       |       |                                   |                                 |                                   |                                 |                                          |
| <b>1.50 Acres</b>                        |       |                                   |                                 |                                   |                                 |                                          |
| 25                                       |       |                                   |                                 | 200                               |                                 | 500                                      |
| NOx                                      | 125   | 124                               | 139                             | 171                               | 254                             |                                          |
| CO                                       | 695   | 1023                              | 1464                            | 2664                              | 8085                            |                                          |
| PM10                                     | 5     | 16                                | 31                              | 61                                | 150                             |                                          |
| PM2.5                                    | 4     | 5                                 | 9                               | 20                                | 80                              |                                          |

| Acre Below                      |       | Acre Above |       |
|---------------------------------|-------|------------|-------|
| SRA No.                         | Acres | SRA No.    | Acres |
| 2                               | 1     | 2          | 2     |
| <b>Distance Increment Below</b> |       |            |       |
| 25                              |       |            |       |
| <b>Distance Increment Above</b> |       |            |       |
| 25                              |       |            |       |

Updated: 10/21/2009 - Table C-1. 2006 – 2008

# **Construction Localized Significance Thresholds: Building and Asphalt Demolition and Demolition Debris Haul and Site Preparation**

| NOx & CO                          |                             |                                   |                                 | PM10 & PM2.5                      |                                 |                                          |
|-----------------------------------|-----------------------------|-----------------------------------|---------------------------------|-----------------------------------|---------------------------------|------------------------------------------|
| SRA No.                           | Acres                       | Source Receptor Distance (meters) | Source Receptor Distance (Feet) | Source Receptor Distance (meters) | Source Receptor Distance (Feet) | Construction / Project Site Size (Acres) |
| 2                                 | 2.44                        | 25                                | 82                              | 25                                | 82                              | 2.44                                     |
| Source Receptor Distance (meters) | Northwest Coastal LA County | Equipment                         | Acres/8-hr Day                  | Daily hours                       | Equipment Used                  | Acres                                    |
| 25                                |                             | Tractors                          | 0.5                             | 0.0625                            | 1                               | 0.5                                      |
| NOx 158                           |                             | Tractors                          | 0.5                             | 0.0625                            | 2                               | 1                                        |
| CO 930                            |                             | Tractors                          | 0.5                             | 0.0625                            | 3                               | 1.5                                      |
| PM10 7.02                         |                             | Tractors                          | 0.5                             | 0.0625                            | 1                               | 0.5                                      |
| PM2.5 4.29                        |                             | Graders                           | 0.5                             | 0.0625                            |                                 | 0                                        |
|                                   |                             | Dozers                            | 0.5                             | 0.0625                            |                                 | 0                                        |
|                                   |                             | Scrapers                          | 1                               | 0.125                             |                                 | 0                                        |
|                                   |                             |                                   |                                 |                                   | Acres                           | 3.50                                     |
|                                   | Acres                       | 25                                | 50                              | 100                               | 200                             | 500                                      |
| NOx                               | 2                           | 147                               | 143                             | 156                               | 186                             | 262                                      |
|                                   | 3                           | 172                               | 166                             | 179                               | 207                             | 279                                      |
|                                   |                             | 158                               | 153                             | 166                               | 195                             | 269                                      |
| CO                                | 2                           | 827                               | 1213                            | 1695                              | 2961                            | 8446                                     |
|                                   | 3                           | 1062                              | 1470                            | 2051                              | 3435                            | 9120                                     |
|                                   |                             | 930                               | 1326                            | 1851                              | 3170                            | 8742                                     |
| PM10                              | 2                           | 6                                 | 19                              | 34                                | 64                              | 154                                      |
|                                   | 3                           | 8                                 | 26                              | 41                                | 71                              | 161                                      |
|                                   |                             | 7                                 | 22                              | 37                                | 67                              | 157                                      |
| PM2.5                             | 2                           | 4                                 | 5                               | 10                                | 21                              | 82                                       |
|                                   | 3                           | 5                                 | 6                               | 11                                | 24                              | 86                                       |
|                                   |                             | 4                                 | 5                               | 11                                | 22                              | 84                                       |
| Northwest Coastal LA County       |                             |                                   |                                 |                                   |                                 |                                          |
|                                   | 2.44 Acres                  |                                   |                                 |                                   |                                 |                                          |
|                                   | 25                          | 50                                | 100                             | 200                               | 500                             |                                          |
| NOx                               | 158                         | 153                               | 166                             | 195                               | 269                             |                                          |
| CO                                | 930                         | 1326                              | 1851                            | 3170                              | 8742                            |                                          |
| PM10                              | 7                           | 22                                | 37                              | 67                                | 157                             |                                          |
| PM2.5                             | 4                           | 5                                 | 11                              | 22                                | 84                              |                                          |

| Acre Below               |       | Acre Above |       |
|--------------------------|-------|------------|-------|
| SRA No.                  | Acres | SRA No.    | Acres |
| 2                        | 2     | 2          | 3     |
| Distance Increment Below |       |            |       |
| 25                       |       |            |       |
| Distance Increment Above |       |            |       |
| 25                       |       |            |       |

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Updated: 10/21/2009 - Table C-1. 2006 – 2008

## Construction Localized Significance Thresholds: Site Preparation

| NOx & CO                          |                             |                                   |                                 | PM10 & PM2.5                      |                                 |                                          |
|-----------------------------------|-----------------------------|-----------------------------------|---------------------------------|-----------------------------------|---------------------------------|------------------------------------------|
| SRA No.                           | Acres                       | Source Receptor Distance (meters) | Source Receptor Distance (Feet) | Source Receptor Distance (meters) | Source Receptor Distance (Feet) | Construction / Project Site Size (Acres) |
| 2                                 | 2.00                        | 25                                | 82                              | 25                                | 82                              | 2.44                                     |
|                                   |                             |                                   |                                 |                                   |                                 |                                          |
| Source Receptor Distance (meters) | Northwest Coastal LA County | Equipment                         | Acres/8-hr Day                  |                                   | Daily hours                     | Equipment Used Acres                     |
|                                   | 25                          | Tractors                          | 0.5                             | 0.0625                            |                                 | 0                                        |
| NOx                               | 147                         | Tractors                          | 0.5                             | 0.0625                            |                                 | 0                                        |
| CO                                | 827                         | Tractors                          | 0.5                             | 0.0625                            | 8                               | 1.5                                      |
| PM10                              | 6.00                        | Tractors                          | 0.5                             | 0.0625                            | 8                               | 0.5                                      |
| PM2.5                             | 4.00                        | Graders                           | 0.5                             | 0.0625                            |                                 | 0                                        |
|                                   |                             | Dozers                            | 0.5                             | 0.0625                            |                                 | 0                                        |
|                                   |                             | Scrapers                          | 1                               | 0.125                             |                                 | 0                                        |
|                                   |                             |                                   |                                 |                                   | Acres                           | 2.00                                     |
|                                   | Acres                       | 25                                | 50                              | 100                               | 200                             | 500                                      |
| NOx                               | 2                           | 147                               | 143                             | 156                               | 186                             | 262                                      |
|                                   | 2                           | 147                               | 143                             | 156                               | 186                             | 262                                      |
|                                   |                             | 147                               | 143                             | 156                               | 186                             | 262                                      |
| CO                                | 2                           | 827                               | 1213                            | 1695                              | 2961                            | 8446                                     |
|                                   | 2                           | 827                               | 1213                            | 1695                              | 2961                            | 8446                                     |
|                                   |                             | 827                               | 1213                            | 1695                              | 2961                            | 8446                                     |
| PM10                              | 2                           | 6                                 | 19                              | 34                                | 64                              | 154                                      |
|                                   | 2                           | 6                                 | 19                              | 34                                | 64                              | 154                                      |
|                                   |                             | 6                                 | 19                              | 34                                | 64                              | 154                                      |
| PM2.5                             | 2                           | 4                                 | 5                               | 10                                | 21                              | 82                                       |
|                                   | 2                           | 4                                 | 5                               | 10                                | 21                              | 82                                       |
|                                   |                             | 4                                 | 5                               | 10                                | 21                              | 82                                       |
| Northwest Coastal LA County       |                             |                                   |                                 |                                   |                                 |                                          |
|                                   | 2.00 Acres                  |                                   |                                 |                                   |                                 |                                          |
|                                   | 25                          | 50                                | 100                             | 200                               | 500                             |                                          |
| NOx                               | 147                         | 143                               | 156                             | 186                               | 262                             |                                          |
| CO                                | 827                         | 1213                              | 1695                            | 2961                              | 8446                            |                                          |
| PM10                              | 6                           | 19                                | 34                              | 64                                | 154                             |                                          |
| PM2.5                             | 4                           | 5                                 | 10                              | 21                                | 82                              |                                          |
|                                   |                             |                                   |                                 |                                   |                                 |                                          |
| Acre Below                        |                             | Acre Above                        |                                 |                                   |                                 |                                          |
| SRA No.                           | Acres                       | SRA No.                           | Acres                           |                                   |                                 |                                          |
| 2                                 | 2                           | 2                                 | 2                               |                                   |                                 |                                          |
| Distance Increment Below          |                             |                                   |                                 |                                   |                                 |                                          |
| 25                                |                             |                                   |                                 |                                   |                                 |                                          |
| Distance Increment Above          |                             |                                   |                                 |                                   |                                 |                                          |
| 25                                |                             |                                   |                                 |                                   |                                 |                                          |

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Updated: 10/21/2009 - Table C-1. 2006 – 2008

## Construction Localized Significance Thresholds: Site Preparation and Building Construction

| NOx & CO                          |                             |                                   |                                 | PM10 & PM2.5                      |                                 |                                          |       |
|-----------------------------------|-----------------------------|-----------------------------------|---------------------------------|-----------------------------------|---------------------------------|------------------------------------------|-------|
| SRA No.                           | Acres                       | Source Receptor Distance (meters) | Source Receptor Distance (Feet) | Source Receptor Distance (meters) | Source Receptor Distance (Feet) | Construction / Project Site Size (Acres) |       |
| 2                                 | 2.38                        | 25                                | 82                              | 25                                | 82                              | 2.44                                     |       |
| Source Receptor Distance (meters) | Northwest Coastal LA County | Equipment                         | Acres/8-hr Day                  |                                   | Daily hours                     | Equipment Used                           | Acres |
|                                   | 25                          | Tractors                          | 0.5                             | 0.0625                            |                                 |                                          | 0     |
| NOx                               | 156                         | Tractors                          | 0.5                             | 0.0625                            | 6                               | 1                                        | 0.375 |
| CO                                | 915                         | Tractors                          | 0.5                             | 0.0625                            | 8                               | 3                                        | 1.5   |
| PM10                              | 6.87                        | Tractors                          | 0.5                             | 0.0625                            | 8                               | 1                                        | 0.5   |
| PM2.5                             | 4.25                        | Graders                           | 0.5                             | 0.0625                            |                                 |                                          | 0     |
|                                   |                             | Dozers                            | 0.5                             | 0.0625                            |                                 |                                          | 0     |
|                                   |                             | Scrapers                          | 1                               | 0.125                             |                                 |                                          | 0     |
|                                   |                             |                                   |                                 |                                   |                                 | Acres                                    | 2.38  |
|                                   | Acres                       | 25                                | 50                              | 100                               |                                 | 200                                      | 500   |
| NOx                               | 2                           | 147                               | 143                             | 156                               |                                 | 186                                      | 262   |
|                                   | 3                           | 172                               | 166                             | 179                               |                                 | 207                                      | 279   |
|                                   |                             | 156                               | 152                             | 165                               |                                 | 194                                      | 268   |
| CO                                | 2                           | 827                               | 1213                            | 1695                              |                                 | 2961                                     | 8446  |
|                                   | 3                           | 1062                              | 1470                            | 2051                              |                                 | 3435                                     | 9120  |
|                                   |                             | 915                               | 1310                            | 1828                              |                                 | 3139                                     | 8699  |
| PM10                              | 2                           | 6                                 | 19                              | 34                                |                                 | 64                                       | 154   |
|                                   | 3                           | 8                                 | 26                              | 41                                |                                 | 71                                       | 161   |
|                                   |                             | 7                                 | 22                              | 37                                |                                 | 67                                       | 157   |
| PM2.5                             | 2                           | 4                                 | 5                               | 10                                |                                 | 21                                       | 82    |
|                                   | 3                           | 5                                 | 6                               | 11                                |                                 | 24                                       | 86    |
|                                   |                             | 4                                 | 5                               | 11                                |                                 | 22                                       | 84    |
| Northwest Coastal LA County       |                             |                                   |                                 |                                   |                                 |                                          |       |
|                                   | 2.38 Acres                  |                                   |                                 |                                   |                                 |                                          |       |
|                                   | 25                          | 50                                | 100                             | 200                               |                                 | 500                                      |       |
| NOx                               | 156                         | 152                               | 165                             | 194                               |                                 | 268                                      |       |
| CO                                | 915                         | 1310                              | 1828                            | 3139                              |                                 | 8699                                     |       |
| PM10                              | 7                           | 22                                | 37                              | 67                                |                                 | 157                                      |       |
| PM2.5                             | 4                           | 5                                 | 11                              | 22                                |                                 | 84                                       |       |

|                          |       |            |       |
|--------------------------|-------|------------|-------|
| Acre Below               |       | Acre Above |       |
| SRA No.                  | Acres | SRA No.    | Acres |
| 2                        | 2     | 2          | 3     |
| Distance Increment Below |       |            |       |
| 25                       |       |            |       |
| Distance Increment Above |       |            |       |
| 25                       |       |            |       |

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Updated: 10/21/2009 - Table C-1. 2006 – 2008

|                                 |                   |
|---------------------------------|-------------------|
| <b>Acre Below</b>               | <b>Acre Above</b> |
| SRA No.                         | SRA No.           |
| Acres                           | Acres             |
| 2                               | 1                 |
| <b>Distance Increment Below</b> |                   |
| 25                              |                   |
| <b>Distance Increment Above</b> |                   |
| 25                              |                   |

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# **Construction Localized Significance Thresholds: Building Construction, Paving, and Architectural Coating**

| NOx & CO                          |            |                                   |                                 | PM10 & PM2.5                      |                                 |                                          |       |
|-----------------------------------|------------|-----------------------------------|---------------------------------|-----------------------------------|---------------------------------|------------------------------------------|-------|
| SRA No.                           | Acres      | Source Receptor Distance (meters) | Source Receptor Distance (Feet) | Source Receptor Distance (meters) | Source Receptor Distance (Feet) | Construction / Project Site Size (Acres) |       |
| 2                                 | 1.38       | 25                                | 82                              | 25                                | 82                              | 2.44                                     |       |
| Northwest Coastal LA County       |            |                                   |                                 |                                   |                                 |                                          |       |
| Source Receptor Distance (meters) | 25         | Equipment                         | Acres/8-hr Day                  | Daily hours                       | Equipment Used                  | Acres                                    |       |
| NOx                               | 120        | Tractors                          | 0.5                             | 0.0625                            | 6                               | 1                                        | 0.375 |
| CO                                | 661        | Tractors                          | 0.5                             | 0.0625                            | 8                               | 2                                        | 1     |
| PM10                              | 4.75       | Tractors                          | 0.5                             | 0.0625                            |                                 |                                          | 0     |
| PM2.5                             | 3.37       | Tractors                          | 0.5                             | 0.0625                            |                                 |                                          | 0     |
|                                   |            | Graders                           | 0.5                             | 0.0625                            |                                 |                                          | 0     |
|                                   |            | Dozers                            | 0.5                             | 0.0625                            |                                 |                                          | 0     |
|                                   |            | Scrapers                          | 1                               | 0.125                             |                                 |                                          | 0     |
|                                   |            |                                   |                                 |                                   | Acres                           |                                          | 1.38  |
|                                   | Acres      | 25                                | 50                              | 100                               | 200                             | 500                                      |       |
| NOx                               | 1          | 103                               | 104                             | 121                               | 156                             | 245                                      |       |
|                                   | 2          | 147                               | 143                             | 156                               | 186                             | 262                                      |       |
|                                   |            | 120                               | 119                             | 134                               | 167                             | 251                                      |       |
| CO                                | 1          | 562                               | 833                             | 1233                              | 2367                            | 7724                                     |       |
|                                   | 2          | 827                               | 1213                            | 1695                              | 2961                            | 8446                                     |       |
|                                   |            | 661                               | 976                             | 1406                              | 2590                            | 7995                                     |       |
| PM10                              | 1          | 4                                 | 12                              | 27                                | 57                              | 146                                      |       |
|                                   | 2          | 6                                 | 19                              | 34                                | 64                              | 154                                      |       |
|                                   |            | 5                                 | 15                              | 30                                | 60                              | 149                                      |       |
| PM2.5                             | 1          | 3                                 | 4                               | 8                                 | 18                              | 77                                       |       |
|                                   | 2          | 4                                 | 5                               | 10                                | 21                              | 82                                       |       |
|                                   |            | 3                                 | 4                               | 9                                 | 19                              | 79                                       |       |
| Northwest Coastal LA County       |            |                                   |                                 |                                   |                                 |                                          |       |
|                                   | 1.38 Acres |                                   |                                 |                                   |                                 |                                          |       |
|                                   | 25         | 50                                | 100                             | 200                               | 500                             |                                          |       |
| NOx                               | 120        | 119                               | 134                             | 167                               | 251                             |                                          |       |
| CO                                | 661        | 976                               | 1406                            | 2590                              | 7995                            |                                          |       |
| PM10                              | 5          | 15                                | 30                              | 60                                | 149                             |                                          |       |
| PM2.5                             | 3          | 4                                 | 9                               | 19                                | 79                              |                                          |       |
| Acre Below                        |            |                                   |                                 | Acre Above                        |                                 |                                          |       |
| SRA No.                           | Acres      | SRA No.                           | Acres                           | SRA No.                           | Acres                           | SRA No.                                  | Acres |
| 2                                 | 1          | 2                                 | 2                               |                                   |                                 |                                          |       |
| Distance Increment Below          |            |                                   |                                 |                                   |                                 |                                          |       |
| 25                                |            |                                   |                                 |                                   |                                 |                                          |       |
| Distance Increment Above          |            |                                   |                                 |                                   |                                 |                                          |       |
| 25                                |            |                                   |                                 |                                   |                                 |                                          |       |

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Updated: 10/21/2009 - Table C-1. 2006 – 2008

# Construction Localized Significance Thresholds: Phase 3 LST

| SRA No. | Acres | NOx & CO                          |                                 | PM10 & PM2.5                      |                                 | Construction / Project Site Size (Acres) |
|---------|-------|-----------------------------------|---------------------------------|-----------------------------------|---------------------------------|------------------------------------------|
|         |       | Source Receptor Distance (meters) | Source Receptor Distance (Feet) | Source Receptor Distance (meters) | Source Receptor Distance (Feet) |                                          |
| 2       | 0.00  | 25                                | 82                              | 25                                | 82                              | 0.74                                     |

| Source Receptor Distance (meters) | Northwest Coastal LA Count | Equipment | Acres/8-hr Day | Daily hours | Equipment Used | Acres |
|-----------------------------------|----------------------------|-----------|----------------|-------------|----------------|-------|
| 25                                |                            | Tractors  | 0.5            | 0.0625      |                | 0     |
| NOx                               | 103                        | Tractors  | 0.5            | 0.0625      |                | 0     |
| CO                                | 562                        | Graders   | 0.5            | 0.0625      |                | 0     |
| PM10                              | 4.00                       | Dozers    | 0.5            | 0.0625      |                | 0     |
| PM2.5                             | 3.00                       | Scrapers  | 1              | 0.125       |                | 0     |
| Acres                             |                            |           |                |             |                | 0.00  |

|       | Acres | 25  | 50  | 100  | 200  | 500  |
|-------|-------|-----|-----|------|------|------|
| NOx   | 1     | 103 | 104 | 121  | 156  | 245  |
|       | 1     | 103 | 104 | 121  | 156  | 245  |
|       |       | 103 | 104 | 121  | 156  | 245  |
| CO    | 1     | 562 | 833 | 1233 | 2367 | 7724 |
|       | 1     | 562 | 833 | 1233 | 2367 | 7724 |
|       |       | 562 | 833 | 1233 | 2367 | 7724 |
| PM10  | 1     | 4   | 12  | 27   | 57   | 146  |
|       | 1     | 4   | 12  | 27   | 57   | 146  |
|       |       | 4   | 12  | 27   | 57   | 146  |
| PM2.5 | 1     | 3   | 4   | 8    | 18   | 77   |
|       | 1     | 3   | 4   | 8    | 18   | 77   |
|       |       | 3   | 4   | 8    | 18   | 77   |

Northwest Coastal LA County

0.00 Acres

|       | 25  | 50  | 100  | 200  | 500  |
|-------|-----|-----|------|------|------|
| NOx   | 103 | 104 | 121  | 156  | 245  |
| CO    | 562 | 833 | 1233 | 2367 | 7724 |
| PM10  | 4   | 12  | 27   | 57   | 146  |
| PM2.5 | 3   | 4   | 8    | 18   | 77   |

| Acre Below               |       | Acre Above |       |
|--------------------------|-------|------------|-------|
| SRA No.                  | Acres | SRA No.    | Acres |
| 2                        | 1     | 2          | 1     |
| Distance Increment Below |       |            |       |
| 25                       |       |            |       |
| Distance Increment Above |       |            |       |
| 25                       |       |            |       |

Updated: 10/21/2009 - Table C-1. 2006 – 2008