

Ararat Homes Residential Care and Nursing Facility Project Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

3.2. Demolition (2024) - Mitigated

3.3. Site Preparation - Phase I (2025) - Unmitigated

3.4. Site Preparation - Phase I (2025) - Mitigated

3.5. Site Preparation- Phase II (2026) - Unmitigated

3.6. Site Preparation- Phase II (2026) - Mitigated

3.7. Site Preparation- Phase III (2028) - Unmitigated

3.8. Site Preparation- Phase III (2028) - Mitigated

3.9. Grading- Phase I (2025) - Unmitigated

3.10. Grading- Phase I (2025) - Mitigated

3.11. Grading- Phase II (2027) - Unmitigated

3.12. Grading- Phase II (2027) - Mitigated

3.13. Grading- Phase III (2028) - Unmitigated

3.14. Grading- Phase III (2028) - Mitigated

3.15. Grading- Phase III (2029) - Unmitigated

3.16. Grading- Phase III (2029) - Mitigated

3.17. Building Construction- Phase I (2025) - Unmitigated

3.18. Building Construction- Phase I (2025) - Mitigated

3.19. Building Construction- Phase I (2026) - Unmitigated

- 3.20. Building Construction- Phase I (2026) - Mitigated
- 3.21. Building Construction- Phase I (2027) - Unmitigated
- 3.22. Building Construction- Phase I (2027) - Mitigated
- 3.23. Building Construction- Phase II (2027) - Unmitigated
- 3.24. Building Construction- Phase II (2027) - Mitigated
- 3.25. Building Construction- Phase II (2028) - Unmitigated
- 3.26. Building Construction- Phase II (2028) - Mitigated
- 3.27. Building Construction- Phase III (2030) - Unmitigated
- 3.28. Building Construction- Phase III (2030) - Mitigated
- 3.29. Building Construction- Phase III (2031) - Unmitigated
- 3.30. Building Construction- Phase III (2031) - Mitigated
- 3.31. Paving- Phase I (2026) - Unmitigated
- 3.32. Paving- Phase I (2026) - Mitigated
- 3.33. Paving- Phase I (2027) - Unmitigated
- 3.34. Paving- Phase I (2027) - Mitigated
- 3.35. Paving- Phase II (2028) - Unmitigated
- 3.36. Paving- Phase II (2028) - Mitigated

3.37. Paving- Phase III (2031) - Unmitigated

3.38. Paving- Phase III (2031) - Mitigated

3.39. Architectural Coating- Phase I (2026) - Unmitigated

3.40. Architectural Coating- Phase I (2026) - Mitigated

3.41. Architectural Coating- Phase I (2027) - Unmitigated

3.42. Architectural Coating- Phase I (2027) - Mitigated

3.43. Architectural Coating- Phase II (2028) - Unmitigated

3.44. Architectural Coating- Phase II (2028) - Mitigated

3.45. Architectural Coating- Phase III (2031) - Unmitigated

3.46. Architectural Coating- Phase III (2031) - Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

| Data Field | Value |
|-----------------------------|--|
| Project Name | Ararat Homes Residential Care and Nursing Facility Project |
| Construction Start Date | 7/1/2024 |
| Operational Year | 2031 |
| Lead Agency | — |
| Land Use Scale | Project/site |
| Analysis Level for Defaults | County |
| Windspeed (m/s) | 2.50 |
| Precipitation (days) | 0.60 |
| Location | 34.28226499835485, -118.46397195914822 |
| County | Los Angeles-South Coast |
| City | Los Angeles |
| Air District | South Coast AQMD |
| Air Basin | South Coast |
| TAZ | 3729 |
| EDFZ | 17 |
| Electric Utility | Los Angeles Department of Water & Power |
| Gas Utility | Southern California Gas |
| App Version | 2022.1.1.20 |

1.2. Land Use Types

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

| | | | | | | | | |
|-----------------------------------|------|---------------|------|---------|---------|---|-----|---|
| Apartments Mid Rise | 61.0 | Dwelling Unit | 7.35 | 61,000 | 335,162 | — | 181 | — |
| Condo/Townhouse | 40.0 | Dwelling Unit | 0.00 | 54,000 | 0.00 | — | 118 | — |
| Congregate Care (Assisted Living) | 213 | Dwelling Unit | 0.00 | 146,500 | 0.00 | — | 630 | — |
| Enclosed Parking Structure | 262 | Space | 0.00 | 108,000 | 0.00 | — | — | — |
| Parking Lot | 37.0 | Space | 0.33 | 0.00 | 0.00 | — | — | — |

1.3. User-Selected Emission Reduction Measures by Emissions Sector

| Sector | # | Measure Title |
|--------------|--------|--|
| Construction | C-2* | Limit Heavy-Duty Diesel Vehicle Idling |
| Construction | C-10-A | Water Exposed Surfaces |
| Construction | C-11 | Limit Vehicle Speeds on Unpaved Roads |

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

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

| Un/Mit. | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|------|--------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 11.1 | 60.3 | 90.2 | 0.14 | 2.73 | 18.1 | 20.9 | 2.52 | 7.38 | 9.90 | — | 21,184 | 21,184 | 0.66 | 0.56 | 21.8 | 21,390 |
| Mit. | 11.1 | 60.3 | 90.2 | 0.14 | 2.73 | 7.73 | 10.3 | 2.52 | 3.00 | 5.51 | — | 21,184 | 21,184 | 0.66 | 0.56 | 21.8 | 21,390 |
| % Reduced | — | — | — | — | — | 57% | 51% | — | 59% | 44% | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|------|------|------|------|------|------|---|--------|--------|------|------|------|--------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 15.2 | 78.4 | 122 | 0.22 | 3.13 | 24.5 | 27.7 | 2.88 | 8.91 | 11.8 | — | 30,068 | 30,068 | 1.08 | 0.79 | 0.69 | 30,331 |
| Mit. | 15.2 | 78.4 | 122 | 0.22 | 3.13 | 13.9 | 17.1 | 2.88 | 4.52 | 7.40 | — | 30,068 | 30,068 | 1.08 | 0.79 | 0.69 | 30,331 |
| % Reduced | — | — | — | — | — | 43% | 38% | — | 49% | 37% | — | — | — | — | — | — | — |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 5.76 | 32.2 | 52.0 | 0.08 | 1.40 | 8.37 | 9.78 | 1.29 | 3.05 | 4.34 | — | 13,088 | 13,088 | 0.43 | 0.42 | 6.99 | 13,230 |
| Mit. | 5.76 | 32.2 | 52.0 | 0.08 | 1.40 | 5.58 | 6.51 | 1.29 | 1.48 | 2.74 | — | 13,088 | 13,088 | 0.43 | 0.42 | 6.99 | 13,230 |
| % Reduced | — | — | — | — | — | 33% | 33% | — | 51% | 37% | — | — | — | — | — | — | — |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 1.05 | 5.87 | 9.49 | 0.02 | 0.26 | 1.53 | 1.78 | 0.24 | 0.56 | 0.79 | — | 2,167 | 2,167 | 0.07 | 0.07 | 1.16 | 2,190 |
| Mit. | 1.05 | 5.87 | 9.49 | 0.02 | 0.26 | 1.02 | 1.19 | 0.24 | 0.27 | 0.50 | — | 2,167 | 2,167 | 0.07 | 0.07 | 1.16 | 2,190 |
| % Reduced | — | — | — | — | — | 33% | 33% | — | 51% | 37% | — | — | — | — | — | — | — |

2.2. Construction Emissions by Year, Unmitigated

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

| Year | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|------|--------|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 2.68 | 25.0 | 22.9 | 0.03 | 1.06 | 0.27 | 1.33 | 0.98 | 0.06 | 1.03 | — | 3,664 | 3,664 | 0.15 | 0.04 | 0.90 | 3,680 |
| 2025 | 7.24 | 60.3 | 66.6 | 0.13 | 2.73 | 18.1 | 20.9 | 2.52 | 7.38 | 9.90 | — | 15,186 | 15,186 | 0.63 | 0.40 | 18.2 | 15,276 |
| 2026 | 3.01 | 18.1 | 41.2 | 0.06 | 0.61 | 3.99 | 4.59 | 0.55 | 0.95 | 1.50 | — | 10,114 | 10,114 | 0.42 | 0.40 | 16.8 | 10,260 |
| 2027 | 2.92 | 17.2 | 39.9 | 0.06 | 0.54 | 3.99 | 4.53 | 0.50 | 0.95 | 1.45 | — | 10,012 | 10,012 | 0.42 | 0.38 | 15.3 | 10,152 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|----------------------|------|------|------|---------|------|------|------|------|---------|------|---|--------|--------|------|---------|------|--------|
| 2028 | 11.1 | 43.8 | 90.2 | 0.14 | 1.66 | 9.35 | 11.0 | 1.53 | 1.87 | 3.40 | — | 21,184 | 21,184 | 0.66 | 0.56 | 21.8 | 21,390 |
| 2029 | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| 2030 | 2.65 | 14.7 | 36.9 | 0.06 | 0.43 | 3.99 | 4.41 | 0.39 | 0.95 | 1.35 | — | 9,712 | 9,712 | 0.29 | 0.37 | 11.5 | 9,841 |
| 2031 | 7.80 | 20.9 | 55.4 | 0.08 | 0.63 | 6.28 | 6.91 | 0.58 | 1.49 | 2.07 | — | 14,292 | 14,292 | 0.40 | 0.29 | 15.0 | 14,404 |
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 2.68 | 25.0 | 22.7 | 0.03 | 1.06 | 0.27 | 1.33 | 0.98 | 0.06 | 1.03 | — | 3,653 | 3,653 | 0.15 | 0.04 | 0.02 | 3,668 |
| 2025 | 7.24 | 60.3 | 66.1 | 0.13 | 2.73 | 18.1 | 20.9 | 2.52 | 7.38 | 9.90 | — | 15,153 | 15,153 | 0.63 | 0.40 | 0.47 | 15,238 |
| 2026 | 11.7 | 50.0 | 89.7 | 0.14 | 2.08 | 9.35 | 11.4 | 1.90 | 1.87 | 3.78 | — | 21,155 | 21,155 | 0.89 | 0.58 | 0.68 | 21,349 |
| 2027 | 15.2 | 78.4 | 122 | 0.22 | 3.13 | 24.5 | 27.7 | 2.88 | 8.91 | 11.8 | — | 30,068 | 30,068 | 1.08 | 0.79 | 0.69 | 30,331 |
| 2028 | 14.8 | 73.8 | 120 | 0.22 | 2.88 | 24.5 | 27.4 | 2.65 | 8.90 | 11.6 | — | 29,878 | 29,878 | 1.05 | 0.78 | 0.63 | 30,138 |
| 2029 | 6.26 | 46.1 | 63.5 | 0.14 | 1.96 | 18.3 | 20.2 | 1.80 | 7.41 | 9.22 | — | 15,444 | 15,444 | 0.63 | 0.28 | 0.09 | 15,545 |
| 2030 | 2.64 | 14.9 | 34.8 | 0.06 | 0.43 | 3.99 | 4.41 | 0.39 | 0.95 | 1.35 | — | 9,536 | 9,536 | 0.29 | 0.37 | 0.30 | 9,654 |
| 2031 | 7.79 | 21.2 | 52.2 | 0.08 | 0.63 | 6.28 | 6.91 | 0.58 | 1.49 | 2.07 | — | 14,007 | 14,007 | 0.41 | 0.48 | 0.39 | 14,159 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 1.16 | 10.8 | 9.85 | 0.01 | 0.46 | 0.12 | 0.58 | 0.42 | 0.03 | 0.45 | — | 1,582 | 1,582 | 0.06 | 0.02 | 0.17 | 1,589 |
| 2025 | 4.20 | 32.2 | 42.6 | 0.08 | 1.40 | 8.37 | 9.78 | 1.29 | 3.05 | 4.34 | — | 9,967 | 9,967 | 0.42 | 0.24 | 3.52 | 10,052 |
| 2026 | 4.10 | 20.4 | 41.7 | 0.06 | 0.73 | 4.31 | 5.04 | 0.67 | 0.98 | 1.64 | — | 10,292 | 10,292 | 0.43 | 0.37 | 6.99 | 10,420 |
| 2027 | 4.46 | 25.9 | 46.4 | 0.08 | 0.95 | 7.29 | 8.24 | 0.87 | 2.39 | 3.26 | — | 11,681 | 11,681 | 0.40 | 0.38 | 5.99 | 11,810 |
| 2028 | 5.76 | 26.4 | 52.0 | 0.08 | 0.93 | 7.33 | 8.26 | 0.86 | 2.13 | 2.99 | — | 13,088 | 13,088 | 0.42 | 0.42 | 6.54 | 13,230 |
| 2029 | 0.46 | 3.36 | 4.63 | 0.01 | 0.14 | 1.33 | 1.47 | 0.13 | 0.54 | 0.67 | — | 1,125 | 1,125 | 0.05 | 0.02 | 0.11 | 1,132 |
| 2030 | 2.06 | 11.7 | 27.7 | 0.05 | 0.33 | 3.13 | 3.46 | 0.31 | 0.75 | 1.06 | — | 7,516 | 7,516 | 0.22 | 0.29 | 3.88 | 7,613 |
| 2031 | 3.69 | 12.3 | 30.7 | 0.05 | 0.36 | 3.69 | 4.05 | 0.33 | 0.88 | 1.21 | — | 8,284 | 8,284 | 0.24 | 0.30 | 3.94 | 8,384 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 0.21 | 1.98 | 1.80 | < 0.005 | 0.08 | 0.02 | 0.11 | 0.08 | < 0.005 | 0.08 | — | 262 | 262 | 0.01 | < 0.005 | 0.03 | 263 |
| 2025 | 0.77 | 5.87 | 7.77 | 0.01 | 0.26 | 1.53 | 1.78 | 0.24 | 0.56 | 0.79 | — | 1,650 | 1,650 | 0.07 | 0.04 | 0.58 | 1,664 |
| 2026 | 0.75 | 3.73 | 7.61 | 0.01 | 0.13 | 0.79 | 0.92 | 0.12 | 0.18 | 0.30 | — | 1,704 | 1,704 | 0.07 | 0.06 | 1.16 | 1,725 |

| | | | | | | | | | | | | | | | | | |
|------|------|------|------|---------|------|------|------|------|------|------|---|-------|-------|------|---------|------|-------|
| 2027 | 0.81 | 4.73 | 8.46 | 0.01 | 0.17 | 1.33 | 1.50 | 0.16 | 0.44 | 0.59 | — | 1,934 | 1,934 | 0.07 | 0.06 | 0.99 | 1,955 |
| 2028 | 1.05 | 4.82 | 9.49 | 0.02 | 0.17 | 1.34 | 1.51 | 0.16 | 0.39 | 0.55 | — | 2,167 | 2,167 | 0.07 | 0.07 | 1.08 | 2,190 |
| 2029 | 0.08 | 0.61 | 0.84 | < 0.005 | 0.03 | 0.24 | 0.27 | 0.02 | 0.10 | 0.12 | — | 186 | 186 | 0.01 | < 0.005 | 0.02 | 187 |
| 2030 | 0.38 | 2.14 | 5.06 | 0.01 | 0.06 | 0.57 | 0.63 | 0.06 | 0.14 | 0.19 | — | 1,244 | 1,244 | 0.04 | 0.05 | 0.64 | 1,260 |
| 2031 | 0.67 | 2.25 | 5.60 | 0.01 | 0.06 | 0.67 | 0.74 | 0.06 | 0.16 | 0.22 | — | 1,371 | 1,371 | 0.04 | 0.05 | 0.65 | 1,388 |

2.3. Construction Emissions by Year, Mitigated

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

| Year | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|----------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|------|--------|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 2.68 | 25.0 | 22.9 | 0.03 | 1.06 | 0.27 | 1.33 | 0.98 | 0.06 | 1.03 | — | 3,664 | 3,664 | 0.15 | 0.04 | 0.90 | 3,680 |
| 2025 | 7.24 | 60.3 | 66.6 | 0.13 | 2.73 | 7.55 | 10.3 | 2.52 | 3.00 | 5.51 | — | 15,186 | 15,186 | 0.63 | 0.40 | 18.2 | 15,276 |
| 2026 | 3.01 | 18.1 | 41.2 | 0.06 | 0.61 | 3.99 | 4.59 | 0.55 | 0.95 | 1.50 | — | 10,114 | 10,114 | 0.42 | 0.40 | 16.8 | 10,260 |
| 2027 | 2.92 | 17.2 | 39.9 | 0.06 | 0.54 | 3.99 | 4.53 | 0.50 | 0.95 | 1.45 | — | 10,012 | 10,012 | 0.42 | 0.38 | 15.3 | 10,152 |
| 2028 | 11.1 | 43.8 | 90.2 | 0.14 | 1.66 | 7.73 | 9.39 | 1.53 | 1.70 | 3.23 | — | 21,184 | 21,184 | 0.66 | 0.56 | 21.8 | 21,390 |
| 2029 | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| 2030 | 2.65 | 14.7 | 36.9 | 0.06 | 0.43 | 3.99 | 4.41 | 0.39 | 0.95 | 1.35 | — | 9,712 | 9,712 | 0.29 | 0.37 | 11.5 | 9,841 |
| 2031 | 7.80 | 20.9 | 55.4 | 0.08 | 0.63 | 6.28 | 6.91 | 0.58 | 1.49 | 2.07 | — | 14,292 | 14,292 | 0.40 | 0.29 | 15.0 | 14,404 |
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 2.68 | 25.0 | 22.7 | 0.03 | 1.06 | 0.27 | 1.33 | 0.98 | 0.06 | 1.03 | — | 3,653 | 3,653 | 0.15 | 0.04 | 0.02 | 3,668 |
| 2025 | 7.24 | 60.3 | 66.1 | 0.13 | 2.73 | 7.55 | 10.3 | 2.52 | 3.00 | 5.51 | — | 15,153 | 15,153 | 0.63 | 0.40 | 0.47 | 15,238 |
| 2026 | 11.7 | 50.0 | 89.7 | 0.14 | 2.08 | 7.73 | 9.81 | 1.90 | 1.70 | 3.60 | — | 21,155 | 21,155 | 0.89 | 0.58 | 0.68 | 21,349 |
| 2027 | 15.2 | 78.4 | 122 | 0.22 | 3.13 | 13.9 | 17.1 | 2.88 | 4.52 | 7.40 | — | 30,068 | 30,068 | 1.08 | 0.79 | 0.69 | 30,331 |
| 2028 | 14.8 | 73.8 | 120 | 0.22 | 2.88 | 13.9 | 16.8 | 2.65 | 4.52 | 7.17 | — | 29,878 | 29,878 | 1.05 | 0.78 | 0.63 | 30,138 |
| 2029 | 6.26 | 46.1 | 63.5 | 0.14 | 1.96 | 7.66 | 9.62 | 1.80 | 3.03 | 4.83 | — | 15,444 | 15,444 | 0.63 | 0.28 | 0.09 | 15,545 |

| | | | | | | | | | | | | | | | | | |
|---------------|------|------|------|---------|------|------|------|------|---------|------|---|--------|--------|------|---------|------|--------|
| 2030 | 2.64 | 14.9 | 34.8 | 0.06 | 0.43 | 3.99 | 4.41 | 0.39 | 0.95 | 1.35 | — | 9,536 | 9,536 | 0.29 | 0.37 | 0.30 | 9,654 |
| 2031 | 7.79 | 21.2 | 52.2 | 0.08 | 0.63 | 6.28 | 6.91 | 0.58 | 1.49 | 2.07 | — | 14,007 | 14,007 | 0.41 | 0.48 | 0.39 | 14,159 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 1.16 | 10.8 | 9.85 | 0.01 | 0.46 | 0.12 | 0.58 | 0.42 | 0.03 | 0.45 | — | 1,582 | 1,582 | 0.06 | 0.02 | 0.17 | 1,589 |
| 2025 | 4.20 | 32.2 | 42.6 | 0.08 | 1.40 | 4.34 | 5.75 | 1.29 | 1.45 | 2.74 | — | 9,967 | 9,967 | 0.42 | 0.24 | 3.52 | 10,052 |
| 2026 | 4.10 | 20.4 | 41.7 | 0.06 | 0.73 | 4.08 | 4.81 | 0.67 | 0.95 | 1.62 | — | 10,292 | 10,292 | 0.43 | 0.37 | 6.99 | 10,420 |
| 2027 | 4.46 | 25.9 | 46.4 | 0.08 | 0.95 | 5.06 | 6.01 | 0.87 | 1.46 | 2.33 | — | 11,681 | 11,681 | 0.40 | 0.38 | 5.99 | 11,810 |
| 2028 | 5.76 | 26.4 | 52.0 | 0.08 | 0.93 | 5.58 | 6.51 | 0.86 | 1.48 | 2.34 | — | 13,088 | 13,088 | 0.42 | 0.42 | 6.54 | 13,230 |
| 2029 | 0.46 | 3.36 | 4.63 | 0.01 | 0.14 | 0.56 | 0.70 | 0.13 | 0.22 | 0.35 | — | 1,125 | 1,125 | 0.05 | 0.02 | 0.11 | 1,132 |
| 2030 | 2.06 | 11.7 | 27.7 | 0.05 | 0.33 | 3.13 | 3.46 | 0.31 | 0.75 | 1.06 | — | 7,516 | 7,516 | 0.22 | 0.29 | 3.88 | 7,613 |
| 2031 | 3.69 | 12.3 | 30.7 | 0.05 | 0.36 | 3.69 | 4.05 | 0.33 | 0.88 | 1.21 | — | 8,284 | 8,284 | 0.24 | 0.30 | 3.94 | 8,384 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 0.21 | 1.98 | 1.80 | < 0.005 | 0.08 | 0.02 | 0.11 | 0.08 | < 0.005 | 0.08 | — | 262 | 262 | 0.01 | < 0.005 | 0.03 | 263 |
| 2025 | 0.77 | 5.87 | 7.77 | 0.01 | 0.26 | 0.79 | 1.05 | 0.24 | 0.26 | 0.50 | — | 1,650 | 1,650 | 0.07 | 0.04 | 0.58 | 1,664 |
| 2026 | 0.75 | 3.73 | 7.61 | 0.01 | 0.13 | 0.74 | 0.88 | 0.12 | 0.17 | 0.30 | — | 1,704 | 1,704 | 0.07 | 0.06 | 1.16 | 1,725 |
| 2027 | 0.81 | 4.73 | 8.46 | 0.01 | 0.17 | 0.92 | 1.10 | 0.16 | 0.27 | 0.43 | — | 1,934 | 1,934 | 0.07 | 0.06 | 0.99 | 1,955 |
| 2028 | 1.05 | 4.82 | 9.49 | 0.02 | 0.17 | 1.02 | 1.19 | 0.16 | 0.27 | 0.43 | — | 2,167 | 2,167 | 0.07 | 0.07 | 1.08 | 2,190 |
| 2029 | 0.08 | 0.61 | 0.84 | < 0.005 | 0.03 | 0.10 | 0.13 | 0.02 | 0.04 | 0.06 | — | 186 | 186 | 0.01 | < 0.005 | 0.02 | 187 |
| 2030 | 0.38 | 2.14 | 5.06 | 0.01 | 0.06 | 0.57 | 0.63 | 0.06 | 0.14 | 0.19 | — | 1,244 | 1,244 | 0.04 | 0.05 | 0.64 | 1,260 |
| 2031 | 0.67 | 2.25 | 5.60 | 0.01 | 0.06 | 0.67 | 0.74 | 0.06 | 0.16 | 0.22 | — | 1,371 | 1,371 | 0.04 | 0.05 | 0.65 | 1,388 |

2.4. Operations Emissions Compared Against Thresholds

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

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

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|--------|--------|------|------|------|--------|
| Unmit. | 14.1 | 15.5 | 57.4 | 0.10 | 0.55 | 7.40 | 7.94 | 0.54 | 1.88 | 2.42 | 373 | 13,951 | 14,323 | 38.1 | 0.38 | 17.7 | 15,406 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 11.8 | 15.4 | 32.5 | 0.09 | 0.53 | 7.40 | 7.93 | 0.53 | 1.88 | 2.41 | 373 | 13,573 | 13,946 | 38.1 | 0.39 | 3.07 | 15,018 |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 10.8 | 4.60 | 42.4 | 0.08 | 0.18 | 7.39 | 7.57 | 0.17 | 1.88 | 2.05 | 373 | 12,444 | 12,816 | 38.0 | 0.38 | 9.16 | 13,891 |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 1.98 | 0.84 | 7.74 | 0.01 | 0.03 | 1.35 | 1.38 | 0.03 | 0.34 | 0.37 | 61.7 | 2,060 | 2,122 | 6.30 | 0.06 | 1.52 | 2,300 |

2.5. Operations Emissions by Sector, Unmitigated

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

| Sector | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|--------|--------|---------|---------|------|--------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 3.01 | 2.16 | 27.6 | 0.07 | 0.04 | 7.40 | 7.44 | 0.04 | 1.88 | 1.92 | — | 7,524 | 7,524 | 0.32 | 0.28 | 15.0 | 7,629 |
| Area | 8.36 | 0.21 | 22.6 | < 0.005 | 0.02 | — | 0.02 | 0.01 | — | 0.01 | 0.00 | 66.9 | 66.9 | < 0.005 | < 0.005 | — | 67.2 |
| Energy | 0.07 | 1.27 | 0.54 | 0.01 | 0.10 | — | 0.10 | 0.10 | — | 0.10 | — | 4,800 | 4,800 | 0.37 | 0.03 | — | 4,820 |
| Water | — | — | — | — | — | — | — | — | — | — | 22.4 | 208 | 231 | 2.31 | 0.06 | — | 306 |
| Waste | — | — | — | — | — | — | — | — | — | — | 350 | 0.00 | 350 | 35.0 | 0.00 | — | 1,226 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.68 | 2.68 |
| Stationary | 2.64 | 11.8 | 6.74 | 0.01 | 0.39 | 0.00 | 0.39 | 0.39 | 0.00 | 0.39 | 0.00 | 1,352 | 1,352 | 0.05 | 0.01 | 0.00 | 1,356 |
| Total | 14.1 | 15.5 | 57.4 | 0.10 | 0.55 | 7.40 | 7.94 | 0.54 | 1.88 | 2.42 | 373 | 13,951 | 14,323 | 38.1 | 0.38 | 17.7 | 15,406 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|---------------|------|------|------|---------|---------|------|---------|---------|------|---------|------|--------|--------|---------|---------|------|--------|
| Mobile | 2.99 | 2.36 | 25.3 | 0.07 | 0.04 | 7.40 | 7.44 | 0.04 | 1.88 | 1.92 | — | 7,213 | 7,213 | 0.33 | 0.29 | 0.39 | 7,308 |
| Area | 6.05 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Energy | 0.07 | 1.27 | 0.54 | 0.01 | 0.10 | — | 0.10 | 0.10 | — | 0.10 | — | 4,800 | 4,800 | 0.37 | 0.03 | — | 4,820 |
| Water | — | — | — | — | — | — | — | — | — | — | 22.4 | 208 | 231 | 2.31 | 0.06 | — | 306 |
| Waste | — | — | — | — | — | — | — | — | — | — | 350 | 0.00 | 350 | 35.0 | 0.00 | — | 1,226 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.68 | 2.68 |
| Stationary | 2.64 | 11.8 | 6.74 | 0.01 | 0.39 | 0.00 | 0.39 | 0.39 | 0.00 | 0.39 | 0.00 | 1,352 | 1,352 | 0.05 | 0.01 | 0.00 | 1,356 |
| Total | 11.8 | 15.4 | 32.5 | 0.09 | 0.53 | 7.40 | 7.93 | 0.53 | 1.88 | 2.41 | 373 | 13,573 | 13,946 | 38.1 | 0.39 | 3.07 | 15,018 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 2.96 | 2.38 | 26.0 | 0.07 | 0.04 | 7.39 | 7.43 | 0.04 | 1.88 | 1.91 | — | 7,297 | 7,297 | 0.32 | 0.29 | 6.47 | 7,398 |
| Area | 7.63 | 0.14 | 15.5 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | 0.00 | 45.9 | 45.9 | < 0.005 | < 0.005 | — | 46.0 |
| Energy | 0.07 | 1.27 | 0.54 | 0.01 | 0.10 | — | 0.10 | 0.10 | — | 0.10 | — | 4,800 | 4,800 | 0.37 | 0.03 | — | 4,820 |
| Water | — | — | — | — | — | — | — | — | — | — | 22.4 | 208 | 231 | 2.31 | 0.06 | — | 306 |
| Waste | — | — | — | — | — | — | — | — | — | — | 350 | 0.00 | 350 | 35.0 | 0.00 | — | 1,226 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.68 | 2.68 |
| Stationary | 0.18 | 0.81 | 0.46 | < 0.005 | 0.03 | 0.00 | 0.03 | 0.03 | 0.00 | 0.03 | 0.00 | 92.6 | 92.6 | < 0.005 | < 0.005 | 0.00 | 92.9 |
| Total | 10.8 | 4.60 | 42.4 | 0.08 | 0.18 | 7.39 | 7.57 | 0.17 | 1.88 | 2.05 | 373 | 12,444 | 12,816 | 38.0 | 0.38 | 9.16 | 13,891 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.54 | 0.43 | 4.74 | 0.01 | 0.01 | 1.35 | 1.36 | 0.01 | 0.34 | 0.35 | — | 1,208 | 1,208 | 0.05 | 0.05 | 1.07 | 1,225 |
| Area | 1.39 | 0.03 | 2.82 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | 0.00 | 7.59 | 7.59 | < 0.005 | < 0.005 | — | 7.62 |
| Energy | 0.01 | 0.23 | 0.10 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 795 | 795 | 0.06 | 0.01 | — | 798 |
| Water | — | — | — | — | — | — | — | — | — | — | 3.71 | 34.5 | 38.2 | 0.38 | 0.01 | — | 50.6 |
| Waste | — | — | — | — | — | — | — | — | — | — | 58.0 | 0.00 | 58.0 | 5.80 | 0.00 | — | 203 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.44 | 0.44 |
| Stationary | 0.03 | 0.15 | 0.08 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 15.3 | 15.3 | < 0.005 | < 0.005 | 0.00 | 15.4 |

| | | | | | | | | | | | | | | | | | |
|-------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|------|------|-------|
| Total | 1.98 | 0.84 | 7.74 | 0.01 | 0.03 | 1.35 | 1.38 | 0.03 | 0.34 | 0.37 | 61.7 | 2,060 | 2,122 | 6.30 | 0.06 | 1.52 | 2,300 |
|-------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|------|------|-------|

2.6. Operations Emissions by Sector, Mitigated

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

| Sector | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|--------|--------|---------|---------|------|--------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 3.01 | 2.16 | 27.6 | 0.07 | 0.04 | 7.40 | 7.44 | 0.04 | 1.88 | 1.92 | — | 7,524 | 7,524 | 0.32 | 0.28 | 15.0 | 7,629 |
| Area | 8.36 | 0.21 | 22.6 | < 0.005 | 0.02 | — | 0.02 | 0.01 | — | 0.01 | 0.00 | 66.9 | 66.9 | < 0.005 | < 0.005 | — | 67.2 |
| Energy | 0.07 | 1.27 | 0.54 | 0.01 | 0.10 | — | 0.10 | 0.10 | — | 0.10 | — | 4,800 | 4,800 | 0.37 | 0.03 | — | 4,820 |
| Water | — | — | — | — | — | — | — | — | — | — | 22.4 | 208 | 231 | 2.31 | 0.06 | — | 306 |
| Waste | — | — | — | — | — | — | — | — | — | — | 350 | 0.00 | 350 | 35.0 | 0.00 | — | 1,226 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.68 | 2.68 |
| Stationary | 2.64 | 11.8 | 6.74 | 0.01 | 0.39 | 0.00 | 0.39 | 0.39 | 0.00 | 0.39 | 0.00 | 1,352 | 1,352 | 0.05 | 0.01 | 0.00 | 1,356 |
| Total | 14.1 | 15.5 | 57.4 | 0.10 | 0.55 | 7.40 | 7.94 | 0.54 | 1.88 | 2.42 | 373 | 13,951 | 14,323 | 38.1 | 0.38 | 17.7 | 15,406 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 2.99 | 2.36 | 25.3 | 0.07 | 0.04 | 7.40 | 7.44 | 0.04 | 1.88 | 1.92 | — | 7,213 | 7,213 | 0.33 | 0.29 | 0.39 | 7,308 |
| Area | 6.05 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Energy | 0.07 | 1.27 | 0.54 | 0.01 | 0.10 | — | 0.10 | 0.10 | — | 0.10 | — | 4,800 | 4,800 | 0.37 | 0.03 | — | 4,820 |
| Water | — | — | — | — | — | — | — | — | — | — | 22.4 | 208 | 231 | 2.31 | 0.06 | — | 306 |
| Waste | — | — | — | — | — | — | — | — | — | — | 350 | 0.00 | 350 | 35.0 | 0.00 | — | 1,226 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.68 | 2.68 |
| Stationary | 2.64 | 11.8 | 6.74 | 0.01 | 0.39 | 0.00 | 0.39 | 0.39 | 0.00 | 0.39 | 0.00 | 1,352 | 1,352 | 0.05 | 0.01 | 0.00 | 1,356 |
| Total | 11.8 | 15.4 | 32.5 | 0.09 | 0.53 | 7.40 | 7.93 | 0.53 | 1.88 | 2.41 | 373 | 13,573 | 13,946 | 38.1 | 0.39 | 3.07 | 15,018 |

| | | | | | | | | | | | | | | | | | |
|---------------|------|------|------|---------|---------|------|---------|---------|------|---------|------|--------|--------|---------|---------|------|--------|
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 2.96 | 2.38 | 26.0 | 0.07 | 0.04 | 7.39 | 7.43 | 0.04 | 1.88 | 1.91 | — | 7,297 | 7,297 | 0.32 | 0.29 | 6.47 | 7,398 |
| Area | 7.63 | 0.14 | 15.5 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | 0.00 | 45.9 | 45.9 | < 0.005 | < 0.005 | — | 46.0 |
| Energy | 0.07 | 1.27 | 0.54 | 0.01 | 0.10 | — | 0.10 | 0.10 | — | 0.10 | — | 4,800 | 4,800 | 0.37 | 0.03 | — | 4,820 |
| Water | — | — | — | — | — | — | — | — | — | — | 22.4 | 208 | 231 | 2.31 | 0.06 | — | 306 |
| Waste | — | — | — | — | — | — | — | — | — | — | 350 | 0.00 | 350 | 35.0 | 0.00 | — | 1,226 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.68 | 2.68 |
| Stationary | 0.18 | 0.81 | 0.46 | < 0.005 | 0.03 | 0.00 | 0.03 | 0.03 | 0.00 | 0.03 | 0.00 | 92.6 | 92.6 | < 0.005 | < 0.005 | 0.00 | 92.9 |
| Total | 10.8 | 4.60 | 42.4 | 0.08 | 0.18 | 7.39 | 7.57 | 0.17 | 1.88 | 2.05 | 373 | 12,444 | 12,816 | 38.0 | 0.38 | 9.16 | 13,891 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.54 | 0.43 | 4.74 | 0.01 | 0.01 | 1.35 | 1.36 | 0.01 | 0.34 | 0.35 | — | 1,208 | 1,208 | 0.05 | 0.05 | 1.07 | 1,225 |
| Area | 1.39 | 0.03 | 2.82 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | 0.00 | 7.59 | 7.59 | < 0.005 | < 0.005 | — | 7.62 |
| Energy | 0.01 | 0.23 | 0.10 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 795 | 795 | 0.06 | 0.01 | — | 798 |
| Water | — | — | — | — | — | — | — | — | — | — | 3.71 | 34.5 | 38.2 | 0.38 | 0.01 | — | 50.6 |
| Waste | — | — | — | — | — | — | — | — | — | — | 58.0 | 0.00 | 58.0 | 5.80 | 0.00 | — | 203 |
| Refrig. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.44 | 0.44 |
| Stationary | 0.03 | 0.15 | 0.08 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 15.3 | 15.3 | < 0.005 | < 0.005 | 0.00 | 15.4 |
| Total | 1.98 | 0.84 | 7.74 | 0.01 | 0.03 | 1.35 | 1.38 | 0.03 | 0.34 | 0.37 | 61.7 | 2,060 | 2,122 | 6.30 | 0.06 | 1.52 | 2,300 |

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

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

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

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|---------|------|------|------|------|---------|---------|---|-------|-------|------|---------|------|-------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.62 | 24.9 | 21.7 | 0.03 | 1.06 | — | 1.06 | 0.98 | — | 0.98 | — | 3,425 | 3,425 | 0.14 | 0.03 | — | 3,437 |
| Demolition | — | — | — | — | — | 0.07 | 0.07 | — | 0.01 | 0.01 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.62 | 24.9 | 21.7 | 0.03 | 1.06 | — | 1.06 | 0.98 | — | 0.98 | — | 3,425 | 3,425 | 0.14 | 0.03 | — | 3,437 |
| Demolition | — | — | — | — | — | 0.07 | 0.07 | — | 0.01 | 0.01 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.13 | 10.8 | 9.41 | 0.01 | 0.46 | — | 0.46 | 0.42 | — | 0.42 | — | 1,483 | 1,483 | 0.06 | 0.01 | — | 1,488 |
| Demolition | — | — | — | — | — | 0.03 | 0.03 | — | < 0.005 | < 0.005 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.21 | 1.97 | 1.72 | < 0.005 | 0.08 | — | 0.08 | 0.08 | — | 0.08 | — | 245 | 245 | 0.01 | < 0.005 | — | 246 |
| Demolition | — | — | — | — | — | 0.01 | 0.01 | — | < 0.005 | < 0.005 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.07 | 0.07 | 1.13 | 0.00 | 0.00 | 0.20 | 0.20 | 0.00 | 0.05 | 0.05 | — | 212 | 212 | 0.01 | 0.01 | 0.84 | 215 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.04 | 0.02 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 26.8 | 26.8 | < 0.005 | < 0.005 | 0.06 | 28.2 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.07 | 0.08 | 0.96 | 0.00 | 0.00 | 0.20 | 0.20 | 0.00 | 0.05 | 0.05 | — | 201 | 201 | 0.01 | 0.01 | 0.02 | 203 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.04 | 0.02 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 26.8 | 26.8 | < 0.005 | < 0.005 | < 0.005 | 28.2 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.04 | 0.44 | 0.00 | 0.00 | 0.08 | 0.08 | 0.00 | 0.02 | 0.02 | — | 88.2 | 88.2 | < 0.005 | < 0.005 | 0.16 | 89.4 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.02 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 11.6 | 11.6 | < 0.005 | < 0.005 | 0.01 | 12.2 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.08 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | < 0.005 | < 0.005 | — | 14.6 | 14.6 | < 0.005 | < 0.005 | 0.03 | 14.8 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.92 | 1.92 | < 0.005 | < 0.005 | < 0.005 | 2.02 |

3.2. Demolition (2024) - Mitigated

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

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

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|---------|------|------|------|------|---------|---------|---|-------|-------|------|---------|------|-------|
| Off-Road Equipment | 2.62 | 24.9 | 21.7 | 0.03 | 1.06 | — | 1.06 | 0.98 | — | 0.98 | — | 3,425 | 3,425 | 0.14 | 0.03 | — | 3,437 |
| Demolition | — | — | — | — | — | 0.07 | 0.07 | — | 0.01 | 0.01 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.62 | 24.9 | 21.7 | 0.03 | 1.06 | — | 1.06 | 0.98 | — | 0.98 | — | 3,425 | 3,425 | 0.14 | 0.03 | — | 3,437 |
| Demolition | — | — | — | — | — | 0.07 | 0.07 | — | 0.01 | 0.01 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.13 | 10.8 | 9.41 | 0.01 | 0.46 | — | 0.46 | 0.42 | — | 0.42 | — | 1,483 | 1,483 | 0.06 | 0.01 | — | 1,488 |
| Demolition | — | — | — | — | — | 0.03 | 0.03 | — | < 0.005 | < 0.005 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.21 | 1.97 | 1.72 | < 0.005 | 0.08 | — | 0.08 | 0.08 | — | 0.08 | — | 245 | 245 | 0.01 | < 0.005 | — | 246 |
| Demolition | — | — | — | — | — | 0.01 | 0.01 | — | < 0.005 | < 0.005 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Worker | 0.07 | 0.07 | 1.13 | 0.00 | 0.00 | 0.20 | 0.20 | 0.00 | 0.05 | 0.05 | — | 212 | 212 | 0.01 | 0.01 | 0.84 | 215 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.04 | 0.02 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 26.8 | 26.8 | < 0.005 | < 0.005 | 0.06 | 28.2 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.07 | 0.08 | 0.96 | 0.00 | 0.00 | 0.20 | 0.20 | 0.00 | 0.05 | 0.05 | — | 201 | 201 | 0.01 | 0.01 | 0.02 | 203 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.04 | 0.02 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 26.8 | 26.8 | < 0.005 | < 0.005 | < 0.005 | 28.2 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.04 | 0.44 | 0.00 | 0.00 | 0.08 | 0.08 | 0.00 | 0.02 | 0.02 | — | 88.2 | 88.2 | < 0.005 | < 0.005 | 0.16 | 89.4 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.02 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 11.6 | 11.6 | < 0.005 | < 0.005 | 0.01 | 12.2 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.08 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | < 0.005 | < 0.005 | — | 14.6 | 14.6 | < 0.005 | < 0.005 | 0.03 | 14.8 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.92 | 1.92 | < 0.005 | < 0.005 | < 0.005 | 2.02 |

3.3. Site Preparation - Phase I (2025) - Unmitigated

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

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

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|-----------------------------|------|------|------|---------|------|------|------|------|------|------|---|-------|-------|------|---------|------|-------|
| Off-Road Equipment | 3.01 | 24.2 | 28.4 | 0.06 | 1.26 | — | 1.26 | 1.16 | — | 1.16 | — | 6,002 | 6,002 | 0.24 | 0.05 | — | 6,022 |
| Dust From Material Movement | — | — | — | — | — | 2.65 | 2.65 | — | 0.29 | 0.29 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.42 | 3.39 | 3.97 | 0.01 | 0.18 | — | 0.18 | 0.16 | — | 0.16 | — | 839 | 839 | 0.03 | 0.01 | — | 841 |
| Dust From Material Movement | — | — | — | — | — | 0.37 | 0.37 | — | 0.04 | 0.04 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.08 | 0.62 | 0.72 | < 0.005 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 139 | 139 | 0.01 | < 0.005 | — | 139 |
| Dust From Material Movement | — | — | — | — | — | 0.07 | 0.07 | — | 0.01 | 0.01 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.13 | 0.14 | 1.77 | 0.00 | 0.00 | 0.39 | 0.39 | 0.00 | 0.09 | 0.09 | — | 393 | 393 | 0.02 | 0.01 | 0.04 | 398 |

| | | | | | | | | | | | | | | | | | |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.13 | 0.06 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | 0.01 | 0.01 | — | 89.9 | 89.9 | 0.01 | 0.01 | 0.01 | 94.3 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.02 | 0.02 | 0.26 | 0.00 | 0.00 | 0.05 | 0.05 | 0.00 | 0.01 | 0.01 | — | 55.8 | 55.8 | < 0.005 | < 0.005 | 0.09 | 56.5 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.02 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.6 | 12.6 | < 0.005 | < 0.005 | 0.01 | 13.2 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | 0.05 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 9.23 | 9.23 | < 0.005 | < 0.005 | 0.02 | 9.35 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 2.08 | 2.08 | < 0.005 | < 0.005 | < 0.005 | 2.18 |

3.4. Site Preparation - Phase I (2025) - Mitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 3.01 | 24.2 | 28.4 | 0.06 | 1.26 | — | 1.26 | 1.16 | — | 1.16 | — | 6,002 | 6,002 | 0.24 | 0.05 | — | 6,022 |
| Dust From Material Movement | — | — | — | — | — | 1.03 | 1.03 | — | 0.11 | 0.11 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|-----------------------------|---------|------|------|---------|---------|------|------|---------|---------|---------|---|------|------|---------|---------|------|------|
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.42 | 3.39 | 3.97 | 0.01 | 0.18 | — | 0.18 | 0.16 | — | 0.16 | — | 839 | 839 | 0.03 | 0.01 | — | 841 |
| Dust From Material Movement | — | — | — | — | — | 0.14 | 0.14 | — | 0.02 | 0.02 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.08 | 0.62 | 0.72 | < 0.005 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 139 | 139 | 0.01 | < 0.005 | — | 139 |
| Dust From Material Movement | — | — | — | — | — | 0.03 | 0.03 | — | < 0.005 | < 0.005 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.13 | 0.14 | 1.77 | 0.00 | 0.00 | 0.39 | 0.39 | 0.00 | 0.09 | 0.09 | — | 393 | 393 | 0.02 | 0.01 | 0.04 | 398 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.13 | 0.06 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | 0.01 | 0.01 | — | 89.9 | 89.9 | 0.01 | 0.01 | 0.01 | 94.3 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.02 | 0.02 | 0.26 | 0.00 | 0.00 | 0.05 | 0.05 | 0.00 | 0.01 | 0.01 | — | 55.8 | 55.8 | < 0.005 | < 0.005 | 0.09 | 56.5 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Hauling | < 0.005 | 0.02 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.6 | 12.6 | < 0.005 | < 0.005 | 0.01 | 13.2 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | 0.05 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 9.23 | 9.23 | < 0.005 | < 0.005 | 0.02 | 9.35 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 2.08 | 2.08 | < 0.005 | < 0.005 | < 0.005 | 2.18 |

3.5. Site Preparation- Phase II (2026) - Unmitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.87 | 22.4 | 28.3 | 0.06 | 1.13 | — | 1.13 | 1.04 | — | 1.04 | — | 6,004 | 6,004 | 0.24 | 0.05 | — | 6,024 |
| Dust From Material Movement | — | — | — | — | — | 2.65 | 2.65 | — | 0.29 | 0.29 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.41 | 3.20 | 4.04 | 0.01 | 0.16 | — | 0.16 | 0.15 | — | 0.15 | — | 855 | 855 | 0.03 | 0.01 | — | 858 |
| Dust From Material Movement | — | — | — | — | — | 0.38 | 0.38 | — | 0.04 | 0.04 | — | — | — | — | — | — | — |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.07 | 0.58 | 0.74 | < 0.005 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 142 | 142 | 0.01 | < 0.005 | — | 142 |
| Dust From Material Movement | — | — | — | — | — | 0.07 | 0.07 | — | 0.01 | 0.01 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.11 | 0.13 | 1.65 | 0.00 | 0.00 | 0.39 | 0.39 | 0.00 | 0.09 | 0.09 | — | 385 | 385 | 0.02 | 0.01 | 0.04 | 390 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.13 | 0.06 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | 0.01 | 0.01 | — | 88.3 | 88.3 | 0.01 | 0.01 | < 0.005 | 92.6 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.02 | 0.02 | 0.25 | 0.00 | 0.00 | 0.06 | 0.06 | 0.00 | 0.01 | 0.01 | — | 55.7 | 55.7 | < 0.005 | < 0.005 | 0.08 | 56.5 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.02 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.6 | 12.6 | < 0.005 | < 0.005 | 0.01 | 13.2 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | 0.04 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 9.22 | 9.22 | < 0.005 | < 0.005 | 0.01 | 9.35 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 2.08 | 2.08 | < 0.005 | < 0.005 | < 0.005 | 2.19 |

3.6. Site Preparation- Phase II (2026) - Mitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|---------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.87 | 22.4 | 28.3 | 0.06 | 1.13 | — | 1.13 | 1.04 | — | 1.04 | — | 6,004 | 6,004 | 0.24 | 0.05 | — | 6,024 |
| Dust From Material Movement | — | — | — | — | — | 1.03 | 1.03 | — | 0.11 | 0.11 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.41 | 3.20 | 4.04 | 0.01 | 0.16 | — | 0.16 | 0.15 | — | 0.15 | — | 855 | 855 | 0.03 | 0.01 | — | 858 |
| Dust From Material Movement | — | — | — | — | — | 0.15 | 0.15 | — | 0.02 | 0.02 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.07 | 0.58 | 0.74 | < 0.005 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 142 | 142 | 0.01 | < 0.005 | — | 142 |

| | | | | | | | | | | | | | | | | | |
|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Dust From Material Movement | — | — | — | — | — | 0.03 | 0.03 | — | < 0.005 | < 0.005 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.11 | 0.13 | 1.65 | 0.00 | 0.00 | 0.39 | 0.39 | 0.00 | 0.09 | 0.09 | — | 385 | 385 | 0.02 | 0.01 | 0.04 | 390 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.13 | 0.06 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | 0.01 | 0.01 | — | 88.3 | 88.3 | 0.01 | 0.01 | < 0.005 | 92.6 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.02 | 0.02 | 0.25 | 0.00 | 0.00 | 0.06 | 0.06 | 0.00 | 0.01 | 0.01 | — | 55.7 | 55.7 | < 0.005 | < 0.005 | 0.08 | 56.5 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.02 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.6 | 12.6 | < 0.005 | < 0.005 | 0.01 | 13.2 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | 0.04 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 9.22 | 9.22 | < 0.005 | < 0.005 | 0.01 | 9.35 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 2.08 | 2.08 | < 0.005 | < 0.005 | < 0.005 | 2.19 |

3.7. Site Preparation- Phase III (2028) - Unmitigated

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

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

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|-----------------------------|------|------|------|---------|------|------|------|------|------|------|---|-------|-------|------|---------|------|-------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.62 | 19.5 | 28.3 | 0.06 | 0.89 | — | 0.89 | 0.82 | — | 0.82 | — | 6,006 | 6,006 | 0.24 | 0.05 | — | 6,026 |
| Dust From Material Movement | — | — | — | — | — | 2.65 | 2.65 | — | 0.29 | 0.29 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.62 | 19.5 | 28.3 | 0.06 | 0.89 | — | 0.89 | 0.82 | — | 0.82 | — | 6,006 | 6,006 | 0.24 | 0.05 | — | 6,026 |
| Dust From Material Movement | — | — | — | — | — | 2.65 | 2.65 | — | 0.29 | 0.29 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.37 | 2.78 | 4.03 | 0.01 | 0.13 | — | 0.13 | 0.12 | — | 0.12 | — | 856 | 856 | 0.03 | 0.01 | — | 859 |
| Dust From Material Movement | — | — | — | — | — | 0.38 | 0.38 | — | 0.04 | 0.04 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.07 | 0.51 | 0.73 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 142 | 142 | 0.01 | < 0.005 | — | 142 |

| | | | | | | | | | | | | | | | | | |
|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Dust From Material Movement | — | — | — | — | — | 0.07 | 0.07 | — | 0.01 | 0.01 | — | — | — | — | — | — | |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.10 | 0.10 | 1.69 | 0.00 | 0.00 | 0.39 | 0.39 | 0.00 | 0.09 | 0.09 | — | 392 | 392 | < 0.005 | 0.01 | 1.12 | 397 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.12 | 0.05 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | 0.01 | 0.01 | — | 84.6 | 84.6 | 0.01 | 0.01 | 0.17 | 88.9 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.10 | 0.12 | 1.44 | 0.00 | 0.00 | 0.39 | 0.39 | 0.00 | 0.09 | 0.09 | — | 371 | 371 | < 0.005 | 0.01 | 0.03 | 376 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.12 | 0.06 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | 0.01 | 0.01 | — | 84.6 | 84.6 | 0.01 | 0.01 | < 0.005 | 88.8 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.01 | 0.02 | 0.21 | 0.00 | 0.00 | 0.06 | 0.06 | 0.00 | 0.01 | 0.01 | — | 53.7 | 53.7 | < 0.005 | < 0.005 | 0.07 | 54.4 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.02 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.1 | 12.1 | < 0.005 | < 0.005 | 0.01 | 12.7 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | < 0.005 | < 0.005 | 0.04 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 8.89 | 8.89 | < 0.005 | < 0.005 | 0.01 | 9.00 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 2.00 | 2.00 | < 0.005 | < 0.005 | < 0.005 | 2.09 |

3.8. Site Preparation- Phase III (2028) - Mitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.62 | 19.5 | 28.3 | 0.06 | 0.89 | — | 0.89 | 0.82 | — | 0.82 | — | 6,006 | 6,006 | 0.24 | 0.05 | — | 6,026 |
| Dust From Material Movement | — | — | — | — | — | 1.03 | 1.03 | — | 0.11 | 0.11 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.62 | 19.5 | 28.3 | 0.06 | 0.89 | — | 0.89 | 0.82 | — | 0.82 | — | 6,006 | 6,006 | 0.24 | 0.05 | — | 6,026 |
| Dust From Material Movement | — | — | — | — | — | 1.03 | 1.03 | — | 0.11 | 0.11 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.37 | 2.78 | 4.03 | 0.01 | 0.13 | — | 0.13 | 0.12 | — | 0.12 | — | 856 | 856 | 0.03 | 0.01 | — | 859 |
| Dust From Material Movement | — | — | — | — | — | 0.15 | 0.15 | — | 0.02 | 0.02 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.07 | 0.51 | 0.73 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 142 | 142 | 0.01 | < 0.005 | — | 142 |
| Dust From Material Movement | — | — | — | — | — | 0.03 | 0.03 | — | < 0.005 | < 0.005 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.10 | 0.10 | 1.69 | 0.00 | 0.00 | 0.39 | 0.39 | 0.00 | 0.09 | 0.09 | — | 392 | 392 | < 0.005 | 0.01 | 1.12 | 397 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.12 | 0.05 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | 0.01 | 0.01 | — | 84.6 | 84.6 | 0.01 | 0.01 | 0.17 | 88.9 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.10 | 0.12 | 1.44 | 0.00 | 0.00 | 0.39 | 0.39 | 0.00 | 0.09 | 0.09 | — | 371 | 371 | < 0.005 | 0.01 | 0.03 | 376 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.12 | 0.06 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | 0.01 | 0.01 | — | 84.6 | 84.6 | 0.01 | 0.01 | < 0.005 | 88.8 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.02 | 0.21 | 0.00 | 0.00 | 0.06 | 0.06 | 0.00 | 0.01 | 0.01 | — | 53.7 | 53.7 | < 0.005 | < 0.005 | 0.07 | 54.4 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.02 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 12.1 | 12.1 | < 0.005 | < 0.005 | 0.01 | 12.7 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | 0.04 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 8.89 | 8.89 | < 0.005 | < 0.005 | 0.01 | 9.00 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 2.00 | 2.00 | < 0.005 | < 0.005 | < 0.005 | 2.09 |

3.9. Grading- Phase I (2025) - Unmitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|------|--------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 7.02 | 59.2 | 62.9 | 0.13 | 2.73 | — | 2.73 | 2.51 | — | 2.51 | — | 13,904 | 13,904 | 0.56 | 0.11 | — | 13,952 |
| Dust From Material Movement | — | — | — | — | — | 17.4 | 17.4 | — | 7.19 | 7.19 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 7.02 | 59.2 | 62.9 | 0.13 | 2.73 | — | 2.73 | 2.51 | — | 2.51 | — | 13,904 | 13,904 | 0.56 | 0.11 | — | 13,952 |
| Dust From Material Movement | — | — | — | — | — | 17.4 | 17.4 | — | 7.19 | 7.19 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.52 | 21.2 | 22.6 | 0.05 | 0.98 | — | 0.98 | 0.90 | — | 0.90 | — | 4,990 | 4,990 | 0.20 | 0.04 | — | 5,007 |
| Dust From Material Movement | — | — | — | — | — | 6.23 | 6.23 | — | 2.58 | 2.58 | — | — | — | — | — | — | — |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|-----------------------------|------|------|------|---------|---------|------|------|---------|------|------|---|------|------|---------|---------|------|------|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.46 | 3.88 | 4.12 | 0.01 | 0.18 | — | 0.18 | 0.16 | — | 0.16 | — | 826 | 826 | 0.03 | 0.01 | — | 829 |
| Dust From Material Movement | — | — | — | — | — | 1.14 | 1.14 | — | 0.47 | 0.47 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.20 | 0.21 | 3.30 | 0.00 | 0.00 | 0.62 | 0.62 | 0.00 | 0.15 | 0.15 | — | 657 | 657 | 0.03 | 0.02 | 2.40 | 667 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.02 | 0.89 | 0.40 | < 0.005 | 0.01 | 0.16 | 0.17 | 0.01 | 0.04 | 0.05 | — | 626 | 626 | 0.04 | 0.10 | 1.41 | 657 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.20 | 0.23 | 2.80 | 0.00 | 0.00 | 0.62 | 0.62 | 0.00 | 0.15 | 0.15 | — | 623 | 623 | 0.03 | 0.02 | 0.06 | 630 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.01 | 0.93 | 0.41 | < 0.005 | 0.01 | 0.16 | 0.17 | 0.01 | 0.04 | 0.05 | — | 626 | 626 | 0.04 | 0.10 | 0.04 | 657 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.07 | 0.09 | 1.06 | 0.00 | 0.00 | 0.22 | 0.22 | 0.00 | 0.05 | 0.05 | — | 227 | 227 | 0.01 | 0.01 | 0.37 | 230 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.01 | 0.33 | 0.14 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.02 | 0.02 | — | 225 | 225 | 0.01 | 0.04 | 0.22 | 236 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.02 | 0.19 | 0.00 | 0.00 | 0.04 | 0.04 | 0.00 | 0.01 | 0.01 | — | 37.5 | 37.5 | < 0.005 | < 0.005 | 0.06 | 38.0 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---------|---------|------|------|---------|---------|------|------|---------|---------|---------|---|------|------|---------|------|------|------|
| Hauling | < 0.005 | 0.06 | 0.03 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 37.2 | 37.2 | < 0.005 | 0.01 | 0.04 | 39.0 |
|---------|---------|------|------|---------|---------|------|------|---------|---------|---------|---|------|------|---------|------|------|------|

3.10. Grading- Phase I (2025) - Mitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|------|--------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 7.02 | 59.2 | 62.9 | 0.13 | 2.73 | — | 2.73 | 2.51 | — | 2.51 | — | 13,904 | 13,904 | 0.56 | 0.11 | — | 13,952 |
| Dust From Material Movement | — | — | — | — | — | 6.77 | 6.77 | — | 2.81 | 2.81 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 7.02 | 59.2 | 62.9 | 0.13 | 2.73 | — | 2.73 | 2.51 | — | 2.51 | — | 13,904 | 13,904 | 0.56 | 0.11 | — | 13,952 |
| Dust From Material Movement | — | — | — | — | — | 6.77 | 6.77 | — | 2.81 | 2.81 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.52 | 21.2 | 22.6 | 0.05 | 0.98 | — | 0.98 | 0.90 | — | 0.90 | — | 4,990 | 4,990 | 0.20 | 0.04 | — | 5,007 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|-----------------------------|------|------|------|---------|---------|------|------|---------|------|------|---|------|------|------|------|------|------|
| Dust From Material Movement | — | — | — | — | — | 2.43 | 2.43 | — | 1.01 | 1.01 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.46 | 3.88 | 4.12 | 0.01 | 0.18 | — | 0.18 | 0.16 | — | 0.16 | — | 826 | 826 | 0.03 | 0.01 | — | 829 |
| Dust From Material Movement | — | — | — | — | — | 0.44 | 0.44 | — | 0.18 | 0.18 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.20 | 0.21 | 3.30 | 0.00 | 0.00 | 0.62 | 0.62 | 0.00 | 0.15 | 0.15 | — | 657 | 657 | 0.03 | 0.02 | 2.40 | 667 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.02 | 0.89 | 0.40 | < 0.005 | 0.01 | 0.16 | 0.17 | 0.01 | 0.04 | 0.05 | — | 626 | 626 | 0.04 | 0.10 | 1.41 | 657 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.20 | 0.23 | 2.80 | 0.00 | 0.00 | 0.62 | 0.62 | 0.00 | 0.15 | 0.15 | — | 623 | 623 | 0.03 | 0.02 | 0.06 | 630 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.01 | 0.93 | 0.41 | < 0.005 | 0.01 | 0.16 | 0.17 | 0.01 | 0.04 | 0.05 | — | 626 | 626 | 0.04 | 0.10 | 0.04 | 657 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.07 | 0.09 | 1.06 | 0.00 | 0.00 | 0.22 | 0.22 | 0.00 | 0.05 | 0.05 | — | 227 | 227 | 0.01 | 0.01 | 0.37 | 230 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.01 | 0.33 | 0.14 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.02 | 0.02 | — | 225 | 225 | 0.01 | 0.04 | 0.22 | 236 |

| | | | | | | | | | | | | | | | | | |
|---------|---------|------|------|---------|---------|------|------|---------|---------|---------|---|------|------|---------|---------|------|------|
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.02 | 0.19 | 0.00 | 0.00 | 0.04 | 0.04 | 0.00 | 0.01 | 0.01 | — | 37.5 | 37.5 | < 0.005 | < 0.005 | 0.06 | 38.0 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.06 | 0.03 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 37.2 | 37.2 | < 0.005 | 0.01 | 0.04 | 39.0 |

3.11. Grading- Phase II (2027) - Unmitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|------|--------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.45 | 50.7 | 61.3 | 0.13 | 2.27 | — | 2.27 | 2.09 | — | 2.09 | — | 13,909 | 13,909 | 0.56 | 0.11 | — | 13,957 |
| Dust From Material Movement | — | — | — | — | — | 17.4 | 17.4 | — | 7.20 | 7.20 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.36 | 10.7 | 12.9 | 0.03 | 0.48 | — | 0.48 | 0.44 | — | 0.44 | — | 2,934 | 2,934 | 0.12 | 0.02 | — | 2,944 |
| Dust From Material Movement | — | — | — | — | — | 3.66 | 3.66 | — | 1.52 | 1.52 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | |
|-----------------------------|---------|------|------|---------|---------|------|------|---------|---------|---------|---|-------|-------|---------|---------|------|-------|
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.25 | 1.95 | 2.36 | < 0.005 | 0.09 | — | 0.09 | 0.08 | — | 0.08 | — | 486 | 486 | 0.02 | < 0.005 | — | 487 |
| Dust From Material Movement | — | — | — | — | — | 0.67 | 0.67 | — | 0.28 | 0.28 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.17 | 0.20 | 2.42 | 0.00 | 0.00 | 0.62 | 0.62 | 0.00 | 0.15 | 0.15 | — | 598 | 598 | 0.01 | 0.02 | 0.05 | 605 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.02 | 1.48 | 0.67 | 0.01 | 0.01 | 0.28 | 0.29 | 0.01 | 0.08 | 0.09 | — | 1,026 | 1,026 | 0.06 | 0.17 | 0.05 | 1,077 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.04 | 0.54 | 0.00 | 0.00 | 0.13 | 0.13 | 0.00 | 0.03 | 0.03 | — | 128 | 128 | < 0.005 | < 0.005 | 0.18 | 130 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.01 | 0.31 | 0.14 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.02 | 0.02 | — | 216 | 216 | 0.01 | 0.04 | 0.19 | 227 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.10 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.01 | 0.01 | — | 21.2 | 21.2 | < 0.005 | < 0.005 | 0.03 | 21.5 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.06 | 0.03 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 35.8 | 35.8 | < 0.005 | 0.01 | 0.03 | 37.6 |

3.12. Grading- Phase II (2027) - Mitigated

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

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|---------|------|--------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.45 | 50.7 | 61.3 | 0.13 | 2.27 | — | 2.27 | 2.09 | — | 2.09 | — | 13,909 | 13,909 | 0.56 | 0.11 | — | 13,957 |
| Dust From Material Movement | — | — | — | — | — | 6.77 | 6.77 | — | 2.81 | 2.81 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.36 | 10.7 | 12.9 | 0.03 | 0.48 | — | 0.48 | 0.44 | — | 0.44 | — | 2,934 | 2,934 | 0.12 | 0.02 | — | 2,944 |
| Dust From Material Movement | — | — | — | — | — | 1.43 | 1.43 | — | 0.59 | 0.59 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.25 | 1.95 | 2.36 | < 0.005 | 0.09 | — | 0.09 | 0.08 | — | 0.08 | — | 486 | 486 | 0.02 | < 0.005 | — | 487 |
| Dust From Material Movement | — | — | — | — | — | 0.26 | 0.26 | — | 0.11 | 0.11 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---------------------|---------|------|------|---------|---------|------|------|---------|---------|---------|---|-------|-------|---------|---------|------|-------|
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.17 | 0.20 | 2.42 | 0.00 | 0.00 | 0.62 | 0.62 | 0.00 | 0.15 | 0.15 | — | 598 | 598 | 0.01 | 0.02 | 0.05 | 605 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.02 | 1.48 | 0.67 | 0.01 | 0.01 | 0.28 | 0.29 | 0.01 | 0.08 | 0.09 | — | 1,026 | 1,026 | 0.06 | 0.17 | 0.05 | 1,077 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.04 | 0.54 | 0.00 | 0.00 | 0.13 | 0.13 | 0.00 | 0.03 | 0.03 | — | 128 | 128 | < 0.005 | < 0.005 | 0.18 | 130 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.01 | 0.31 | 0.14 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.02 | 0.02 | — | 216 | 216 | 0.01 | 0.04 | 0.19 | 227 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.10 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.01 | 0.01 | — | 21.2 | 21.2 | < 0.005 | < 0.005 | 0.03 | 21.5 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.06 | 0.03 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 35.8 | 35.8 | < 0.005 | 0.01 | 0.03 | 37.6 |

3.13. Grading- Phase III (2028) - Unmitigated

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

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

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|-----------------------------|------|------|------|---------|------|------|------|------|------|------|---|--------|--------|------|---------|------|--------|
| Off-Road Equipment | 6.27 | 47.9 | 61.2 | 0.13 | 2.10 | — | 2.10 | 1.94 | — | 1.94 | — | 13,913 | 13,913 | 0.56 | 0.11 | — | 13,960 |
| Dust From Material Movement | — | — | — | — | — | 17.4 | 17.4 | — | 7.20 | 7.20 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.90 | 6.86 | 8.76 | 0.02 | 0.30 | — | 0.30 | 0.28 | — | 0.28 | — | 1,993 | 1,993 | 0.08 | 0.02 | — | 2,000 |
| Dust From Material Movement | — | — | — | — | — | 2.49 | 2.49 | — | 1.03 | 1.03 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.16 | 1.25 | 1.60 | < 0.005 | 0.05 | — | 0.05 | 0.05 | — | 0.05 | — | 330 | 330 | 0.01 | < 0.005 | — | 331 |
| Dust From Material Movement | — | — | — | — | — | 0.45 | 0.45 | — | 0.19 | 0.19 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.16 | 0.18 | 2.28 | 0.00 | 0.00 | 0.62 | 0.62 | 0.00 | 0.15 | 0.15 | — | 588 | 588 | 0.01 | 0.02 | 0.05 | 595 |

| | | | | | | | | | | | | | | | | | |
|---------------|---------|---------|------|---------|---------|------|------|---------|---------|---------|---|------|------|---------|---------|------|-------|
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.02 | 1.40 | 0.64 | 0.01 | 0.01 | 0.27 | 0.28 | 0.01 | 0.07 | 0.09 | — | 978 | 978 | 0.06 | 0.16 | 0.05 | 1,026 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.02 | 0.03 | 0.34 | 0.00 | 0.00 | 0.09 | 0.09 | 0.00 | 0.02 | 0.02 | — | 85.4 | 85.4 | < 0.005 | < 0.005 | 0.11 | 86.5 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.20 | 0.09 | < 0.005 | < 0.005 | 0.04 | 0.04 | < 0.005 | 0.01 | 0.01 | — | 140 | 140 | 0.01 | 0.02 | 0.12 | 147 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | 0.06 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | < 0.005 | < 0.005 | — | 14.1 | 14.1 | < 0.005 | < 0.005 | 0.02 | 14.3 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.04 | 0.02 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 23.2 | 23.2 | < 0.005 | < 0.005 | 0.02 | 24.3 |

3.14. Grading- Phase III (2028) - Mitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|------|--------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.27 | 47.9 | 61.2 | 0.13 | 2.10 | — | 2.10 | 1.94 | — | 1.94 | — | 13,913 | 13,913 | 0.56 | 0.11 | — | 13,960 |
| Dust From Material Movement | — | — | — | — | — | 6.77 | 6.77 | — | 2.81 | 2.81 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|-----------------------------|------|------|------|---------|------|------|------|------|------|------|---|-------|-------|---------|---------|------|-------|
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.90 | 6.86 | 8.76 | 0.02 | 0.30 | — | 0.30 | 0.28 | — | 0.28 | — | 1,993 | 1,993 | 0.08 | 0.02 | — | 2,000 |
| Dust From Material Movement | — | — | — | — | — | 0.97 | 0.97 | — | 0.40 | 0.40 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.16 | 1.25 | 1.60 | < 0.005 | 0.05 | — | 0.05 | 0.05 | — | 0.05 | — | 330 | 330 | 0.01 | < 0.005 | — | 331 |
| Dust From Material Movement | — | — | — | — | — | 0.18 | 0.18 | — | 0.07 | 0.07 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.16 | 0.18 | 2.28 | 0.00 | 0.00 | 0.62 | 0.62 | 0.00 | 0.15 | 0.15 | — | 588 | 588 | 0.01 | 0.02 | 0.05 | 595 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.02 | 1.40 | 0.64 | 0.01 | 0.01 | 0.27 | 0.28 | 0.01 | 0.07 | 0.09 | — | 978 | 978 | 0.06 | 0.16 | 0.05 | 1,026 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.02 | 0.03 | 0.34 | 0.00 | 0.00 | 0.09 | 0.09 | 0.00 | 0.02 | 0.02 | — | 85.4 | 85.4 | < 0.005 | < 0.005 | 0.11 | 86.5 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---------|---------|---------|------|---------|---------|------|------|---------|---------|---------|---|------|------|---------|---------|------|------|
| Hauling | < 0.005 | 0.20 | 0.09 | < 0.005 | < 0.005 | 0.04 | 0.04 | < 0.005 | 0.01 | 0.01 | — | 140 | 140 | 0.01 | 0.02 | 0.12 | 147 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | 0.06 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | < 0.005 | < 0.005 | — | 14.1 | 14.1 | < 0.005 | < 0.005 | 0.02 | 14.3 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.04 | 0.02 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 23.2 | 23.2 | < 0.005 | < 0.005 | 0.02 | 24.3 |

3.15. Grading- Phase III (2029) - Unmitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|------|------|--------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.08 | 44.6 | 60.8 | 0.13 | 1.95 | — | 1.95 | 1.79 | — | 1.79 | — | 13,912 | 13,912 | 0.56 | 0.11 | — | 13,959 |
| Dust From Material Movement | — | — | — | — | — | 17.4 | 17.4 | — | 7.20 | 7.20 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.44 | 3.25 | 4.42 | 0.01 | 0.14 | — | 0.14 | 0.13 | — | 0.13 | — | 1,013 | 1,013 | 0.04 | 0.01 | — | 1,016 |
| Dust From Material Movement | — | — | — | — | — | 1.26 | 1.26 | — | 0.52 | 0.52 | — | — | — | — | — | — | — |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|-----------------------------|---------|---------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|------|-------|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.08 | 0.59 | 0.81 | < 0.005 | 0.03 | — | 0.03 | 0.02 | — | 0.02 | — | 168 | 168 | 0.01 | < 0.005 | — | 168 |
| Dust From Material Movement | — | — | — | — | — | 0.23 | 0.23 | — | 0.10 | 0.10 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.15 | 0.16 | 2.12 | 0.00 | 0.00 | 0.62 | 0.62 | 0.00 | 0.15 | 0.15 | — | 578 | 578 | 0.01 | 0.02 | 0.04 | 585 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.02 | 1.36 | 0.62 | 0.01 | 0.01 | 0.27 | 0.28 | 0.01 | 0.07 | 0.09 | — | 955 | 955 | 0.06 | 0.15 | 0.05 | 1,001 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.16 | 0.00 | 0.00 | 0.05 | 0.05 | 0.00 | 0.01 | 0.01 | — | 42.7 | 42.7 | < 0.005 | < 0.005 | 0.05 | 43.2 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.10 | 0.05 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | 0.01 | 0.01 | — | 69.5 | 69.5 | < 0.005 | 0.01 | 0.06 | 72.9 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | 0.03 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 7.07 | 7.07 | < 0.005 | < 0.005 | 0.01 | 7.16 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.02 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 11.5 | 11.5 | < 0.005 | < 0.005 | 0.01 | 12.1 |

3.16. Grading- Phase III (2029) - Mitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|--------|--------|------|---------|------|--------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 6.08 | 44.6 | 60.8 | 0.13 | 1.95 | — | 1.95 | 1.79 | — | 1.79 | — | 13,912 | 13,912 | 0.56 | 0.11 | — | 13,959 |
| Dust From Material Movement | — | — | — | — | — | 6.77 | 6.77 | — | 2.81 | 2.81 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.44 | 3.25 | 4.42 | 0.01 | 0.14 | — | 0.14 | 0.13 | — | 0.13 | — | 1,013 | 1,013 | 0.04 | 0.01 | — | 1,016 |
| Dust From Material Movement | — | — | — | — | — | 0.49 | 0.49 | — | 0.20 | 0.20 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.08 | 0.59 | 0.81 | < 0.005 | 0.03 | — | 0.03 | 0.02 | — | 0.02 | — | 168 | 168 | 0.01 | < 0.005 | — | 168 |

| | | | | | | | | | | | | | | | | | |
|-----------------------------|---------|---------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|------|-------|
| Dust From Material Movement | — | — | — | — | — | 0.09 | 0.09 | — | 0.04 | 0.04 | — | — | — | — | — | — | |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.15 | 0.16 | 2.12 | 0.00 | 0.00 | 0.62 | 0.62 | 0.00 | 0.15 | 0.15 | — | 578 | 578 | 0.01 | 0.02 | 0.04 | 585 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.02 | 1.36 | 0.62 | 0.01 | 0.01 | 0.27 | 0.28 | 0.01 | 0.07 | 0.09 | — | 955 | 955 | 0.06 | 0.15 | 0.05 | 1,001 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.16 | 0.00 | 0.00 | 0.05 | 0.05 | 0.00 | 0.01 | 0.01 | — | 42.7 | 42.7 | < 0.005 | < 0.005 | 0.05 | 43.2 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.10 | 0.05 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | 0.01 | 0.01 | — | 69.5 | 69.5 | < 0.005 | 0.01 | 0.06 | 72.9 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | 0.03 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 7.07 | 7.07 | < 0.005 | < 0.005 | 0.01 | 7.16 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | < 0.005 | 0.02 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 11.5 | 11.5 | < 0.005 | < 0.005 | 0.01 | 12.1 |

3.17. Building Construction- Phase I (2025) - Unmitigated

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

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

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|---------|------|------|------|------|------|------|---|-------|-------|------|---------|------|-------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.05 | 16.4 | 22.8 | 0.05 | 0.66 | — | 0.66 | 0.61 | — | 0.61 | — | 4,835 | 4,835 | 0.20 | 0.04 | — | 4,852 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.05 | 16.4 | 22.8 | 0.05 | 0.66 | — | 0.66 | 0.61 | — | 0.61 | — | 4,835 | 4,835 | 0.20 | 0.04 | — | 4,852 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.74 | 5.90 | 8.20 | 0.02 | 0.24 | — | 0.24 | 0.22 | — | 0.22 | — | 1,737 | 1,737 | 0.07 | 0.01 | — | 1,743 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.13 | 1.08 | 1.50 | < 0.005 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 288 | 288 | 0.01 | < 0.005 | — | 289 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.16 | 1.18 | 18.9 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,753 | 3,753 | 0.16 | 0.13 | 13.7 | 3,809 |
| Vendor | 0.05 | 1.85 | 0.90 | 0.01 | 0.02 | 0.44 | 0.46 | 0.01 | 0.12 | 0.13 | — | 1,627 | 1,627 | 0.07 | 0.23 | 4.45 | 1,701 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---------------------|---------|------|------|---------|---------|------|------|---------|------|------|---|-------|-------|---------|------|------|-------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.15 | 1.30 | 16.0 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,557 | 3,557 | 0.16 | 0.13 | 0.36 | 3,602 |
| Vendor | 0.05 | 1.93 | 0.91 | 0.01 | 0.02 | 0.44 | 0.46 | 0.01 | 0.12 | 0.13 | — | 1,627 | 1,627 | 0.07 | 0.23 | 0.12 | 1,697 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.41 | 0.51 | 6.04 | 0.00 | 0.00 | 1.27 | 1.27 | 0.00 | 0.30 | 0.30 | — | 1,297 | 1,297 | 0.06 | 0.05 | 2.13 | 1,315 |
| Vendor | 0.02 | 0.70 | 0.32 | < 0.005 | 0.01 | 0.16 | 0.17 | < 0.005 | 0.04 | 0.05 | — | 585 | 585 | 0.02 | 0.08 | 0.69 | 610 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.08 | 0.09 | 1.10 | 0.00 | 0.00 | 0.23 | 0.23 | 0.00 | 0.05 | 0.05 | — | 215 | 215 | 0.01 | 0.01 | 0.35 | 218 |
| Vendor | < 0.005 | 0.13 | 0.06 | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | 0.01 | 0.01 | — | 96.8 | 96.8 | < 0.005 | 0.01 | 0.11 | 101 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.18. Building Construction- Phase I (2025) - Mitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 2.05 | 16.4 | 22.8 | 0.05 | 0.66 | — | 0.66 | 0.61 | — | 0.61 | — | 4,835 | 4,835 | 0.20 | 0.04 | — | 4,852 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|---------|------|------|------|---------|------|------|---|-------|-------|------|---------|------|-------|
| Off-Road Equipment | 2.05 | 16.4 | 22.8 | 0.05 | 0.66 | — | 0.66 | 0.61 | — | 0.61 | — | 4,835 | 4,835 | 0.20 | 0.04 | — | 4,852 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.74 | 5.90 | 8.20 | 0.02 | 0.24 | — | 0.24 | 0.22 | — | 0.22 | — | 1,737 | 1,737 | 0.07 | 0.01 | — | 1,743 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.13 | 1.08 | 1.50 | < 0.005 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 288 | 288 | 0.01 | < 0.005 | — | 289 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.16 | 1.18 | 18.9 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,753 | 3,753 | 0.16 | 0.13 | 13.7 | 3,809 |
| Vendor | 0.05 | 1.85 | 0.90 | 0.01 | 0.02 | 0.44 | 0.46 | 0.01 | 0.12 | 0.13 | — | 1,627 | 1,627 | 0.07 | 0.23 | 4.45 | 1,701 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.15 | 1.30 | 16.0 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,557 | 3,557 | 0.16 | 0.13 | 0.36 | 3,602 |
| Vendor | 0.05 | 1.93 | 0.91 | 0.01 | 0.02 | 0.44 | 0.46 | 0.01 | 0.12 | 0.13 | — | 1,627 | 1,627 | 0.07 | 0.23 | 0.12 | 1,697 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.41 | 0.51 | 6.04 | 0.00 | 0.00 | 1.27 | 1.27 | 0.00 | 0.30 | 0.30 | — | 1,297 | 1,297 | 0.06 | 0.05 | 2.13 | 1,315 |
| Vendor | 0.02 | 0.70 | 0.32 | < 0.005 | 0.01 | 0.16 | 0.17 | < 0.005 | 0.04 | 0.05 | — | 585 | 585 | 0.02 | 0.08 | 0.69 | 610 |

| | | | | | | | | | | | | | | | | | |
|---------|---------|------|------|---------|---------|------|------|---------|------|------|---|------|------|---------|------|------|------|
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.08 | 0.09 | 1.10 | 0.00 | 0.00 | 0.23 | 0.23 | 0.00 | 0.05 | 0.05 | — | 215 | 215 | 0.01 | 0.01 | 0.35 | 218 |
| Vendor | < 0.005 | 0.13 | 0.06 | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | 0.01 | 0.01 | — | 96.8 | 96.8 | < 0.005 | 0.01 | 0.11 | 101 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.19. Building Construction- Phase I (2026) - Unmitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.97 | 15.3 | 22.8 | 0.05 | 0.59 | — | 0.59 | 0.54 | — | 0.54 | — | 4,838 | 4,838 | 0.20 | 0.04 | — | 4,855 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.97 | 15.3 | 22.8 | 0.05 | 0.59 | — | 0.59 | 0.54 | — | 0.54 | — | 4,838 | 4,838 | 0.20 | 0.04 | — | 4,855 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.69 | 13.1 | 19.5 | 0.04 | 0.50 | — | 0.50 | 0.46 | — | 0.46 | — | 4,147 | 4,147 | 0.17 | 0.03 | — | 4,161 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|---------|---------|------|------|---------|------|------|---|-------|-------|------|------|------|-------|
| Off-Road Equipment | 0.31 | 2.40 | 3.56 | 0.01 | 0.09 | — | 0.09 | 0.08 | — | 0.08 | — | 687 | 687 | 0.03 | 0.01 | — | 689 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.00 | 1.05 | 17.5 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,678 | 3,678 | 0.15 | 0.13 | 12.4 | 3,732 |
| Vendor | 0.05 | 1.76 | 0.85 | 0.01 | 0.02 | 0.44 | 0.46 | 0.01 | 0.12 | 0.13 | — | 1,598 | 1,598 | 0.07 | 0.23 | 4.32 | 1,672 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.99 | 1.18 | 15.0 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,486 | 3,486 | 0.16 | 0.13 | 0.32 | 3,529 |
| Vendor | 0.05 | 1.84 | 0.87 | 0.01 | 0.02 | 0.44 | 0.46 | 0.01 | 0.12 | 0.13 | — | 1,599 | 1,599 | 0.07 | 0.23 | 0.11 | 1,669 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.85 | 1.10 | 13.4 | 0.00 | 0.00 | 3.04 | 3.04 | 0.00 | 0.71 | 0.71 | — | 3,032 | 3,032 | 0.14 | 0.11 | 4.61 | 3,073 |
| Vendor | 0.04 | 1.59 | 0.74 | 0.01 | 0.02 | 0.38 | 0.40 | 0.01 | 0.10 | 0.11 | — | 1,370 | 1,370 | 0.06 | 0.20 | 1.60 | 1,432 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.15 | 0.20 | 2.45 | 0.00 | 0.00 | 0.55 | 0.55 | 0.00 | 0.13 | 0.13 | — | 502 | 502 | 0.02 | 0.02 | 0.76 | 509 |
| Vendor | 0.01 | 0.29 | 0.14 | < 0.005 | < 0.005 | 0.07 | 0.07 | < 0.005 | 0.02 | 0.02 | — | 227 | 227 | 0.01 | 0.03 | 0.26 | 237 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.20. Building Construction- Phase I (2026) - Mitigated

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

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

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|------|------|------|------|------|------|---|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.97 | 15.3 | 22.8 | 0.05 | 0.59 | — | 0.59 | 0.54 | — | 0.54 | — | 4,838 | 4,838 | 0.20 | 0.04 | — | 4,855 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.97 | 15.3 | 22.8 | 0.05 | 0.59 | — | 0.59 | 0.54 | — | 0.54 | — | 4,838 | 4,838 | 0.20 | 0.04 | — | 4,855 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.69 | 13.1 | 19.5 | 0.04 | 0.50 | — | 0.50 | 0.46 | — | 0.46 | — | 4,147 | 4,147 | 0.17 | 0.03 | — | 4,161 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.31 | 2.40 | 3.56 | 0.01 | 0.09 | — | 0.09 | 0.08 | — | 0.08 | — | 687 | 687 | 0.03 | 0.01 | — | 689 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 1.00 | 1.05 | 17.5 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,678 | 3,678 | 0.15 | 0.13 | 12.4 | 3,732 |
| Vendor | 0.05 | 1.76 | 0.85 | 0.01 | 0.02 | 0.44 | 0.46 | 0.01 | 0.12 | 0.13 | — | 1,598 | 1,598 | 0.07 | 0.23 | 4.32 | 1,672 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|---------|---------|------|------|---------|------|------|---|-------|-------|------|------|------|-------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.99 | 1.18 | 15.0 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,486 | 3,486 | 0.16 | 0.13 | 0.32 | 3,529 |
| Vendor | 0.05 | 1.84 | 0.87 | 0.01 | 0.02 | 0.44 | 0.46 | 0.01 | 0.12 | 0.13 | — | 1,599 | 1,599 | 0.07 | 0.23 | 0.11 | 1,669 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.85 | 1.10 | 13.4 | 0.00 | 0.00 | 3.04 | 3.04 | 0.00 | 0.71 | 0.71 | — | 3,032 | 3,032 | 0.14 | 0.11 | 4.61 | 3,073 |
| Vendor | 0.04 | 1.59 | 0.74 | 0.01 | 0.02 | 0.38 | 0.40 | 0.01 | 0.10 | 0.11 | — | 1,370 | 1,370 | 0.06 | 0.20 | 1.60 | 1,432 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.15 | 0.20 | 2.45 | 0.00 | 0.00 | 0.55 | 0.55 | 0.00 | 0.13 | 0.13 | — | 502 | 502 | 0.02 | 0.02 | 0.76 | 509 |
| Vendor | 0.01 | 0.29 | 0.14 | < 0.005 | < 0.005 | 0.07 | 0.07 | < 0.005 | 0.02 | 0.02 | — | 227 | 227 | 0.01 | 0.03 | 0.26 | 237 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.21. Building Construction- Phase I (2027) - Unmitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.91 | 14.5 | 22.8 | 0.05 | 0.53 | — | 0.53 | 0.49 | — | 0.49 | — | 4,837 | 4,837 | 0.20 | 0.04 | — | 4,854 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|---------------------|---------|------|------|---------|---------|------|------|---------|---------|---------|---|-------|-------|---------|---------|------|-------|
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.26 | 2.01 | 3.16 | 0.01 | 0.07 | — | 0.07 | 0.07 | — | 0.07 | — | 670 | 670 | 0.03 | 0.01 | — | 673 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.05 | 0.37 | 0.58 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 111 | 111 | < 0.005 | < 0.005 | — | 111 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.95 | 1.17 | 13.8 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,420 | 3,420 | 0.05 | 0.13 | 0.29 | 3,460 |
| Vendor | 0.05 | 1.76 | 0.82 | 0.01 | 0.01 | 0.44 | 0.45 | 0.01 | 0.12 | 0.13 | — | 1,568 | 1,568 | 0.07 | 0.22 | 0.11 | 1,635 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.13 | 0.16 | 2.01 | 0.00 | 0.00 | 0.49 | 0.49 | 0.00 | 0.12 | 0.12 | — | 481 | 481 | 0.01 | 0.02 | 0.67 | 487 |
| Vendor | 0.01 | 0.24 | 0.11 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.02 | 0.02 | — | 217 | 217 | 0.01 | 0.03 | 0.24 | 227 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.02 | 0.03 | 0.37 | 0.00 | 0.00 | 0.09 | 0.09 | 0.00 | 0.02 | 0.02 | — | 79.6 | 79.6 | < 0.005 | < 0.005 | 0.11 | 80.6 |
| Vendor | < 0.005 | 0.04 | 0.02 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 36.0 | 36.0 | < 0.005 | < 0.005 | 0.04 | 37.5 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.22. Building Construction- Phase I (2027) - Mitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|---------|---------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.91 | 14.5 | 22.8 | 0.05 | 0.53 | — | 0.53 | 0.49 | — | 0.49 | — | 4,837 | 4,837 | 0.20 | 0.04 | — | 4,854 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.26 | 2.01 | 3.16 | 0.01 | 0.07 | — | 0.07 | 0.07 | — | 0.07 | — | 670 | 670 | 0.03 | 0.01 | — | 673 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.05 | 0.37 | 0.58 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 111 | 111 | < 0.005 | < 0.005 | — | 111 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---------------|---------|------|------|---------|---------|------|------|---------|---------|---------|---|-------|-------|---------|---------|------|-------|
| Worker | 0.95 | 1.17 | 13.8 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,420 | 3,420 | 0.05 | 0.13 | 0.29 | 3,460 |
| Vendor | 0.05 | 1.76 | 0.82 | 0.01 | 0.01 | 0.44 | 0.45 | 0.01 | 0.12 | 0.13 | — | 1,568 | 1,568 | 0.07 | 0.22 | 0.11 | 1,635 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.13 | 0.16 | 2.01 | 0.00 | 0.00 | 0.49 | 0.49 | 0.00 | 0.12 | 0.12 | — | 481 | 481 | 0.01 | 0.02 | 0.67 | 487 |
| Vendor | 0.01 | 0.24 | 0.11 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.02 | 0.02 | — | 217 | 217 | 0.01 | 0.03 | 0.24 | 227 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.02 | 0.03 | 0.37 | 0.00 | 0.00 | 0.09 | 0.09 | 0.00 | 0.02 | 0.02 | — | 79.6 | 79.6 | < 0.005 | < 0.005 | 0.11 | 80.6 |
| Vendor | < 0.005 | 0.04 | 0.02 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 36.0 | 36.0 | < 0.005 | < 0.005 | 0.04 | 37.5 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.23. Building Construction- Phase II (2027) - Unmitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.91 | 14.5 | 22.8 | 0.05 | 0.53 | — | 0.53 | 0.49 | — | 0.49 | — | 4,837 | 4,837 | 0.20 | 0.04 | — | 4,854 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.91 | 14.5 | 22.8 | 0.05 | 0.53 | — | 0.53 | 0.49 | — | 0.49 | — | 4,837 | 4,837 | 0.20 | 0.04 | — | 4,854 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|------|------|------|------|------|------|---|-------|-------|------|---------|------|-------|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.23 | 9.39 | 14.7 | 0.03 | 0.34 | — | 0.34 | 0.31 | — | 0.31 | — | 3,124 | 3,124 | 0.13 | 0.03 | — | 3,135 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.23 | 1.71 | 2.68 | 0.01 | 0.06 | — | 0.06 | 0.06 | — | 0.06 | — | 517 | 517 | 0.02 | < 0.005 | — | 519 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.96 | 0.94 | 16.3 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,607 | 3,607 | 0.15 | 0.13 | 11.2 | 3,661 |
| Vendor | 0.05 | 1.69 | 0.80 | 0.01 | 0.01 | 0.44 | 0.45 | 0.01 | 0.12 | 0.13 | — | 1,567 | 1,567 | 0.07 | 0.22 | 4.09 | 1,638 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.95 | 1.17 | 13.8 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,420 | 3,420 | 0.05 | 0.13 | 0.29 | 3,460 |
| Vendor | 0.05 | 1.76 | 0.82 | 0.01 | 0.01 | 0.44 | 0.45 | 0.01 | 0.12 | 0.13 | — | 1,568 | 1,568 | 0.07 | 0.22 | 0.11 | 1,635 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.61 | 0.76 | 9.38 | 0.00 | 0.00 | 2.29 | 2.29 | 0.00 | 0.54 | 0.54 | — | 2,241 | 2,241 | 0.03 | 0.08 | 3.13 | 2,270 |
| Vendor | 0.03 | 1.14 | 0.53 | 0.01 | 0.01 | 0.28 | 0.29 | 0.01 | 0.08 | 0.09 | — | 1,012 | 1,012 | 0.04 | 0.14 | 1.14 | 1,056 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---------|------|------|------|---------|---------|------|------|---------|------|------|---|------|------|------|------|------|------|
| Worker | 0.11 | 0.14 | 1.71 | 0.00 | 0.00 | 0.42 | 0.42 | 0.00 | 0.10 | 0.10 | — | 371 | 371 | 0.01 | 0.01 | 0.52 | 376 |
| Vendor | 0.01 | 0.21 | 0.10 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 168 | 168 | 0.01 | 0.02 | 0.19 | 175 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.24. Building Construction- Phase II (2027) - Mitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|---------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.91 | 14.5 | 22.8 | 0.05 | 0.53 | — | 0.53 | 0.49 | — | 0.49 | — | 4,837 | 4,837 | 0.20 | 0.04 | — | 4,854 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.91 | 14.5 | 22.8 | 0.05 | 0.53 | — | 0.53 | 0.49 | — | 0.49 | — | 4,837 | 4,837 | 0.20 | 0.04 | — | 4,854 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.23 | 9.39 | 14.7 | 0.03 | 0.34 | — | 0.34 | 0.31 | — | 0.31 | — | 3,124 | 3,124 | 0.13 | 0.03 | — | 3,135 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.23 | 1.71 | 2.68 | 0.01 | 0.06 | — | 0.06 | 0.06 | — | 0.06 | — | 517 | 517 | 0.02 | < 0.005 | — | 519 |

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|---------|---------|------|------|---------|------|------|------|-------|-------|------|------|------|-------|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.96 | 0.94 | 16.3 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,607 | 3,607 | 0.15 | 0.13 | 11.2 | 3,661 |
| Vendor | 0.05 | 1.69 | 0.80 | 0.01 | 0.01 | 0.44 | 0.45 | 0.01 | 0.12 | 0.13 | — | 1,567 | 1,567 | 0.07 | 0.22 | 4.09 | 1,638 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.95 | 1.17 | 13.8 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,420 | 3,420 | 0.05 | 0.13 | 0.29 | 3,460 |
| Vendor | 0.05 | 1.76 | 0.82 | 0.01 | 0.01 | 0.44 | 0.45 | 0.01 | 0.12 | 0.13 | — | 1,568 | 1,568 | 0.07 | 0.22 | 0.11 | 1,635 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.61 | 0.76 | 9.38 | 0.00 | 0.00 | 2.29 | 2.29 | 0.00 | 0.54 | 0.54 | — | 2,241 | 2,241 | 0.03 | 0.08 | 3.13 | 2,270 |
| Vendor | 0.03 | 1.14 | 0.53 | 0.01 | 0.01 | 0.28 | 0.29 | 0.01 | 0.08 | 0.09 | — | 1,012 | 1,012 | 0.04 | 0.14 | 1.14 | 1,056 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.11 | 0.14 | 1.71 | 0.00 | 0.00 | 0.42 | 0.42 | 0.00 | 0.10 | 0.10 | — | 371 | 371 | 0.01 | 0.01 | 0.52 | 376 |
| Vendor | 0.01 | 0.21 | 0.10 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01 | 0.02 | — | 168 | 168 | 0.01 | 0.02 | 0.19 | 175 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.25. Building Construction- Phase II (2028) - Unmitigated

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

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

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|------|------|------|------|------|------|---|-------|-------|------|------|------|-------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.85 | 13.7 | 22.8 | 0.05 | 0.48 | — | 0.48 | 0.44 | — | 0.44 | — | 4,839 | 4,839 | 0.20 | 0.04 | — | 4,856 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.85 | 13.7 | 22.8 | 0.05 | 0.48 | — | 0.48 | 0.44 | — | 0.44 | — | 4,839 | 4,839 | 0.20 | 0.04 | — | 4,856 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.59 | 11.8 | 19.6 | 0.04 | 0.41 | — | 0.41 | 0.38 | — | 0.38 | — | 4,159 | 4,159 | 0.17 | 0.03 | — | 4,174 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.29 | 2.15 | 3.58 | 0.01 | 0.07 | — | 0.07 | 0.07 | — | 0.07 | — | 689 | 689 | 0.03 | 0.01 | — | 691 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.93 | 0.92 | 15.3 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,543 | 3,543 | 0.04 | 0.13 | 10.1 | 3,592 |
| Vendor | 0.04 | 1.61 | 0.78 | 0.01 | 0.01 | 0.44 | 0.45 | 0.01 | 0.12 | 0.13 | — | 1,531 | 1,531 | 0.05 | 0.22 | 3.87 | 1,600 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|---------|---------|------|------|---------|------|------|---|-------|-------|------|------|------|-------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.92 | 1.05 | 13.0 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,359 | 3,359 | 0.04 | 0.13 | 0.26 | 3,399 |
| Vendor | 0.03 | 1.68 | 0.78 | 0.01 | 0.01 | 0.44 | 0.45 | 0.01 | 0.12 | 0.13 | — | 1,532 | 1,532 | 0.05 | 0.22 | 0.10 | 1,598 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.79 | 0.90 | 11.7 | 0.00 | 0.00 | 3.05 | 3.05 | 0.00 | 0.71 | 0.71 | — | 2,930 | 2,930 | 0.04 | 0.11 | 3.76 | 2,967 |
| Vendor | 0.03 | 1.45 | 0.67 | 0.01 | 0.01 | 0.38 | 0.39 | 0.01 | 0.10 | 0.11 | — | 1,316 | 1,316 | 0.05 | 0.19 | 1.43 | 1,374 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.14 | 0.16 | 2.14 | 0.00 | 0.00 | 0.56 | 0.56 | 0.00 | 0.13 | 0.13 | — | 485 | 485 | 0.01 | 0.02 | 0.62 | 491 |
| Vendor | 0.01 | 0.26 | 0.12 | < 0.005 | < 0.005 | 0.07 | 0.07 | < 0.005 | 0.02 | 0.02 | — | 218 | 218 | 0.01 | 0.03 | 0.24 | 228 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.26. Building Construction- Phase II (2028) - Mitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.85 | 13.7 | 22.8 | 0.05 | 0.48 | — | 0.48 | 0.44 | — | 0.44 | — | 4,839 | 4,839 | 0.20 | 0.04 | — | 4,856 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|------|------|------|------|------|------|---|-------|-------|------|------|------|-------|
| Off-Road Equipment | 1.85 | 13.7 | 22.8 | 0.05 | 0.48 | — | 0.48 | 0.44 | — | 0.44 | — | 4,839 | 4,839 | 0.20 | 0.04 | — | 4,856 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.59 | 11.8 | 19.6 | 0.04 | 0.41 | — | 0.41 | 0.38 | — | 0.38 | — | 4,159 | 4,159 | 0.17 | 0.03 | — | 4,174 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.29 | 2.15 | 3.58 | 0.01 | 0.07 | — | 0.07 | 0.07 | — | 0.07 | — | 689 | 689 | 0.03 | 0.01 | — | 691 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.93 | 0.92 | 15.3 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,543 | 3,543 | 0.04 | 0.13 | 10.1 | 3,592 |
| Vendor | 0.04 | 1.61 | 0.78 | 0.01 | 0.01 | 0.44 | 0.45 | 0.01 | 0.12 | 0.13 | — | 1,531 | 1,531 | 0.05 | 0.22 | 3.87 | 1,600 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.92 | 1.05 | 13.0 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,359 | 3,359 | 0.04 | 0.13 | 0.26 | 3,399 |
| Vendor | 0.03 | 1.68 | 0.78 | 0.01 | 0.01 | 0.44 | 0.45 | 0.01 | 0.12 | 0.13 | — | 1,532 | 1,532 | 0.05 | 0.22 | 0.10 | 1,598 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.79 | 0.90 | 11.7 | 0.00 | 0.00 | 3.05 | 3.05 | 0.00 | 0.71 | 0.71 | — | 2,930 | 2,930 | 0.04 | 0.11 | 3.76 | 2,967 |
| Vendor | 0.03 | 1.45 | 0.67 | 0.01 | 0.01 | 0.38 | 0.39 | 0.01 | 0.10 | 0.11 | — | 1,316 | 1,316 | 0.05 | 0.19 | 1.43 | 1,374 |

| | | | | | | | | | | | | | | | | | |
|---------|------|------|------|---------|---------|------|------|---------|------|------|---|------|------|------|------|------|------|
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.14 | 0.16 | 2.14 | 0.00 | 0.00 | 0.56 | 0.56 | 0.00 | 0.13 | 0.13 | — | 485 | 485 | 0.01 | 0.02 | 0.62 | 491 |
| Vendor | 0.01 | 0.26 | 0.12 | < 0.005 | < 0.005 | 0.07 | 0.07 | < 0.005 | 0.02 | 0.02 | — | 218 | 218 | 0.01 | 0.03 | 0.24 | 228 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.27. Building Construction- Phase III (2030) - Unmitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.76 | 12.6 | 22.7 | 0.05 | 0.42 | — | 0.42 | 0.38 | — | 0.38 | — | 4,839 | 4,839 | 0.20 | 0.04 | — | 4,856 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.76 | 12.6 | 22.7 | 0.05 | 0.42 | — | 0.42 | 0.38 | — | 0.38 | — | 4,839 | 4,839 | 0.20 | 0.04 | — | 4,856 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.38 | 9.87 | 17.8 | 0.04 | 0.33 | — | 0.33 | 0.30 | — | 0.30 | — | 3,796 | 3,796 | 0.15 | 0.03 | — | 3,809 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---------------------|---------|------|------|---------|---------|------|------|---------|------|------|---|-------|-------|---------|------|------|-------|
| Off-Road Equipment | 0.25 | 1.80 | 3.25 | 0.01 | 0.06 | — | 0.06 | 0.05 | — | 0.05 | — | 628 | 628 | 0.03 | 0.01 | — | 631 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.86 | 0.69 | 13.4 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,426 | 3,426 | 0.04 | 0.13 | 8.04 | 3,473 |
| Vendor | 0.03 | 1.47 | 0.71 | 0.01 | 0.01 | 0.44 | 0.45 | 0.01 | 0.12 | 0.13 | — | 1,447 | 1,447 | 0.05 | 0.20 | 3.45 | 1,512 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.84 | 0.81 | 11.3 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,249 | 3,249 | 0.04 | 0.13 | 0.21 | 3,288 |
| Vendor | 0.03 | 1.54 | 0.73 | 0.01 | 0.01 | 0.44 | 0.45 | 0.01 | 0.12 | 0.13 | — | 1,448 | 1,448 | 0.05 | 0.20 | 0.09 | 1,510 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.66 | 0.64 | 9.36 | 0.00 | 0.00 | 2.78 | 2.78 | 0.00 | 0.65 | 0.65 | — | 2,586 | 2,586 | 0.03 | 0.10 | 2.72 | 2,619 |
| Vendor | 0.03 | 1.20 | 0.56 | 0.01 | 0.01 | 0.34 | 0.35 | 0.01 | 0.10 | 0.10 | — | 1,135 | 1,135 | 0.04 | 0.16 | 1.17 | 1,185 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.12 | 0.12 | 1.71 | 0.00 | 0.00 | 0.51 | 0.51 | 0.00 | 0.12 | 0.12 | — | 428 | 428 | < 0.005 | 0.02 | 0.45 | 434 |
| Vendor | < 0.005 | 0.22 | 0.10 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.02 | 0.02 | — | 188 | 188 | 0.01 | 0.03 | 0.19 | 196 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.28. Building Construction- Phase III (2030) - Mitigated

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

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

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|------|------|------|------|------|------|---|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.76 | 12.6 | 22.7 | 0.05 | 0.42 | — | 0.42 | 0.38 | — | 0.38 | — | 4,839 | 4,839 | 0.20 | 0.04 | — | 4,856 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.76 | 12.6 | 22.7 | 0.05 | 0.42 | — | 0.42 | 0.38 | — | 0.38 | — | 4,839 | 4,839 | 0.20 | 0.04 | — | 4,856 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.38 | 9.87 | 17.8 | 0.04 | 0.33 | — | 0.33 | 0.30 | — | 0.30 | — | 3,796 | 3,796 | 0.15 | 0.03 | — | 3,809 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.25 | 1.80 | 3.25 | 0.01 | 0.06 | — | 0.06 | 0.05 | — | 0.05 | — | 628 | 628 | 0.03 | 0.01 | — | 631 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.86 | 0.69 | 13.4 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,426 | 3,426 | 0.04 | 0.13 | 8.04 | 3,473 |
| Vendor | 0.03 | 1.47 | 0.71 | 0.01 | 0.01 | 0.44 | 0.45 | 0.01 | 0.12 | 0.13 | — | 1,447 | 1,447 | 0.05 | 0.20 | 3.45 | 1,512 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---------------------|---------|------|------|---------|---------|------|------|---------|------|------|---|-------|-------|---------|------|------|-------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.84 | 0.81 | 11.3 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,249 | 3,249 | 0.04 | 0.13 | 0.21 | 3,288 |
| Vendor | 0.03 | 1.54 | 0.73 | 0.01 | 0.01 | 0.44 | 0.45 | 0.01 | 0.12 | 0.13 | — | 1,448 | 1,448 | 0.05 | 0.20 | 0.09 | 1,510 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.66 | 0.64 | 9.36 | 0.00 | 0.00 | 2.78 | 2.78 | 0.00 | 0.65 | 0.65 | — | 2,586 | 2,586 | 0.03 | 0.10 | 2.72 | 2,619 |
| Vendor | 0.03 | 1.20 | 0.56 | 0.01 | 0.01 | 0.34 | 0.35 | 0.01 | 0.10 | 0.10 | — | 1,135 | 1,135 | 0.04 | 0.16 | 1.17 | 1,185 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.12 | 0.12 | 1.71 | 0.00 | 0.00 | 0.51 | 0.51 | 0.00 | 0.12 | 0.12 | — | 428 | 428 | < 0.005 | 0.02 | 0.45 | 434 |
| Vendor | < 0.005 | 0.22 | 0.10 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.02 | 0.02 | — | 188 | 188 | 0.01 | 0.03 | 0.19 | 196 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.29. Building Construction- Phase III (2031) - Unmitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.73 | 12.1 | 22.7 | 0.05 | 0.39 | — | 0.39 | 0.36 | — | 0.36 | — | 4,839 | 4,839 | 0.20 | 0.04 | — | 4,856 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|------|------|------|------|------|------|---|-------|-------|------|---------|------|-------|
| Off-Road Equipment | 1.73 | 12.1 | 22.7 | 0.05 | 0.39 | — | 0.39 | 0.36 | — | 0.36 | — | 4,839 | 4,839 | 0.20 | 0.04 | — | 4,856 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.23 | 8.63 | 16.2 | 0.03 | 0.28 | — | 0.28 | 0.26 | — | 0.26 | — | 3,455 | 3,455 | 0.14 | 0.03 | — | 3,467 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.22 | 1.58 | 2.95 | 0.01 | 0.05 | — | 0.05 | 0.05 | — | 0.05 | — | 572 | 572 | 0.02 | < 0.005 | — | 574 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.70 | 0.69 | 12.6 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,374 | 3,374 | 0.03 | 0.02 | 7.14 | 3,387 |
| Vendor | 0.03 | 1.40 | 0.69 | 0.01 | 0.01 | 0.44 | 0.45 | 0.01 | 0.12 | 0.13 | — | 1,399 | 1,399 | 0.05 | 0.20 | 3.25 | 1,465 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.70 | 0.81 | 10.7 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,200 | 3,200 | 0.04 | 0.13 | 0.19 | 3,239 |
| Vendor | 0.03 | 1.47 | 0.69 | 0.01 | 0.01 | 0.44 | 0.45 | 0.01 | 0.12 | 0.13 | — | 1,400 | 1,400 | 0.05 | 0.20 | 0.08 | 1,462 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.50 | 0.57 | 7.97 | 0.00 | 0.00 | 2.53 | 2.53 | 0.00 | 0.59 | 0.59 | — | 2,318 | 2,318 | 0.03 | 0.09 | 2.20 | 2,348 |
| Vendor | 0.02 | 1.05 | 0.50 | 0.01 | 0.01 | 0.31 | 0.32 | 0.01 | 0.09 | 0.09 | — | 999 | 999 | 0.04 | 0.15 | 1.00 | 1,045 |

| | | | | | | | | | | | | | | | | | |
|---------|---------|------|------|---------|---------|------|------|---------|------|------|---|------|------|---------|------|------|------|
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.09 | 0.10 | 1.45 | 0.00 | 0.00 | 0.46 | 0.46 | 0.00 | 0.11 | 0.11 | — | 384 | 384 | < 0.005 | 0.02 | 0.36 | 389 |
| Vendor | < 0.005 | 0.19 | 0.09 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.02 | 0.02 | — | 165 | 165 | 0.01 | 0.02 | 0.17 | 173 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.30. Building Construction- Phase III (2031) - Mitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.73 | 12.1 | 22.7 | 0.05 | 0.39 | — | 0.39 | 0.36 | — | 0.36 | — | 4,839 | 4,839 | 0.20 | 0.04 | — | 4,856 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.73 | 12.1 | 22.7 | 0.05 | 0.39 | — | 0.39 | 0.36 | — | 0.36 | — | 4,839 | 4,839 | 0.20 | 0.04 | — | 4,856 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.23 | 8.63 | 16.2 | 0.03 | 0.28 | — | 0.28 | 0.26 | — | 0.26 | — | 3,455 | 3,455 | 0.14 | 0.03 | — | 3,467 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---------------------|---------|------|------|---------|---------|------|------|---------|------|------|---|-------|-------|---------|---------|------|-------|
| Off-Road Equipment | 0.22 | 1.58 | 2.95 | 0.01 | 0.05 | — | 0.05 | 0.05 | — | 0.05 | — | 572 | 572 | 0.02 | < 0.005 | — | 574 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.70 | 0.69 | 12.6 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,374 | 3,374 | 0.03 | 0.02 | 7.14 | 3,387 |
| Vendor | 0.03 | 1.40 | 0.69 | 0.01 | 0.01 | 0.44 | 0.45 | 0.01 | 0.12 | 0.13 | — | 1,399 | 1,399 | 0.05 | 0.20 | 3.25 | 1,465 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.70 | 0.81 | 10.7 | 0.00 | 0.00 | 3.55 | 3.55 | 0.00 | 0.83 | 0.83 | — | 3,200 | 3,200 | 0.04 | 0.13 | 0.19 | 3,239 |
| Vendor | 0.03 | 1.47 | 0.69 | 0.01 | 0.01 | 0.44 | 0.45 | 0.01 | 0.12 | 0.13 | — | 1,400 | 1,400 | 0.05 | 0.20 | 0.08 | 1,462 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.50 | 0.57 | 7.97 | 0.00 | 0.00 | 2.53 | 2.53 | 0.00 | 0.59 | 0.59 | — | 2,318 | 2,318 | 0.03 | 0.09 | 2.20 | 2,348 |
| Vendor | 0.02 | 1.05 | 0.50 | 0.01 | 0.01 | 0.31 | 0.32 | 0.01 | 0.09 | 0.09 | — | 999 | 999 | 0.04 | 0.15 | 1.00 | 1,045 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.09 | 0.10 | 1.45 | 0.00 | 0.00 | 0.46 | 0.46 | 0.00 | 0.11 | 0.11 | — | 384 | 384 | < 0.005 | 0.02 | 0.36 | 389 |
| Vendor | < 0.005 | 0.19 | 0.09 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.02 | 0.02 | — | 165 | 165 | 0.01 | 0.02 | 0.17 | 173 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.31. Paving- Phase I (2026) - Unmitigated

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

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

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|---------------------|---------|------|------|---------|------|------|------|------|------|------|---|-------|-------|---------|---------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.84 | 7.34 | 10.3 | 0.02 | 0.32 | — | 0.32 | 0.29 | — | 0.29 | — | 2,367 | 2,367 | 0.10 | 0.02 | — | 2,375 |
| Paving | 0.01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.12 | 1.05 | 1.47 | < 0.005 | 0.05 | — | 0.05 | 0.04 | — | 0.04 | — | 339 | 339 | 0.01 | < 0.005 | — | 340 |
| Paving | < 0.005 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.02 | 0.19 | 0.27 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 56.1 | 56.1 | < 0.005 | < 0.005 | — | 56.3 |
| Paving | < 0.005 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.05 | 0.05 | 0.69 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 | — | 161 | 161 | 0.01 | 0.01 | 0.01 | 163 |

| | | | | | | | | | | | | | | | | | |
|---------------|---------|---------|------|------|------|---------|---------|------|---------|---------|---|------|------|---------|---------|------|------|
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.10 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.01 | 0.01 | — | 23.3 | 23.3 | < 0.005 | < 0.005 | 0.04 | 23.7 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | 0.02 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 3.86 | 3.86 | < 0.005 | < 0.005 | 0.01 | 3.92 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.32. Paving- Phase I (2026) - Mitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.84 | 7.34 | 10.3 | 0.02 | 0.32 | — | 0.32 | 0.29 | — | 0.29 | — | 2,367 | 2,367 | 0.10 | 0.02 | — | 2,375 |
| Paving | 0.01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|------|---------|------|---------|---------|------|---------|---------|---|------|------|---------|---------|------|------|
| Off-Road Equipment | 0.12 | 1.05 | 1.47 | < 0.005 | 0.05 | — | 0.05 | 0.04 | — | 0.04 | — | 339 | 339 | 0.01 | < 0.005 | — | 340 |
| Paving | < 0.005 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.02 | 0.19 | 0.27 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 56.1 | 56.1 | < 0.005 | < 0.005 | — | 56.3 |
| Paving | < 0.005 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.05 | 0.05 | 0.69 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 | — | 161 | 161 | 0.01 | 0.01 | 0.01 | 163 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.10 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.01 | 0.01 | — | 23.3 | 23.3 | < 0.005 | < 0.005 | 0.04 | 23.7 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | 0.02 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 3.86 | 3.86 | < 0.005 | < 0.005 | 0.01 | 3.92 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.33. Paving- Phase I (2027) - Unmitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|---------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|---------|---------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.81 | 6.90 | 10.3 | 0.02 | 0.29 | — | 0.29 | 0.27 | — | 0.27 | — | 2,367 | 2,367 | 0.10 | 0.02 | — | 2,375 |
| Paving | 0.01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.11 | 0.96 | 1.43 | < 0.005 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 328 | 328 | 0.01 | < 0.005 | — | 329 |
| Paving | < 0.005 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.02 | 0.17 | 0.26 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 54.3 | 54.3 | < 0.005 | < 0.005 | — | 54.5 |
| Paving | < 0.005 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|------|------|------|---------|---------|------|---------|---------|---|------|------|---------|---------|------|------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.04 | 0.05 | 0.64 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 | — | 157 | 157 | < 0.005 | 0.01 | 0.01 | 159 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.09 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.01 | 0.01 | — | 22.1 | 22.1 | < 0.005 | < 0.005 | 0.03 | 22.4 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | 0.02 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 3.67 | 3.67 | < 0.005 | < 0.005 | 0.01 | 3.71 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.34. Paving- Phase I (2027) - Mitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|---|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.81 | 6.90 | 10.3 | 0.02 | 0.29 | — | 0.29 | 0.27 | — | 0.27 | — | 2,367 | 2,367 | 0.10 | 0.02 | — | 2,375 |
| Paving | 0.01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|------|---------|------|---------|---------|------|---------|---------|---|------|------|---------|---------|------|------|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.11 | 0.96 | 1.43 | < 0.005 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 328 | 328 | 0.01 | < 0.005 | — | 329 |
| Paving | < 0.005 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.02 | 0.17 | 0.26 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 54.3 | 54.3 | < 0.005 | < 0.005 | — | 54.5 |
| Paving | < 0.005 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.04 | 0.05 | 0.64 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 | — | 157 | 157 | < 0.005 | 0.01 | 0.01 | 159 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.09 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.01 | 0.01 | — | 22.1 | 22.1 | < 0.005 | < 0.005 | 0.03 | 22.4 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | 0.02 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 3.67 | 3.67 | < 0.005 | < 0.005 | 0.01 | 3.71 |

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

3.35. Paving- Phase II (2028) - Unmitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|---------|---------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.76 | 6.41 | 10.3 | 0.02 | 0.26 | — | 0.26 | 0.24 | — | 0.24 | — | 2,367 | 2,367 | 0.10 | 0.02 | — | 2,375 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.76 | 6.41 | 10.3 | 0.02 | 0.26 | — | 0.26 | 0.24 | — | 0.24 | — | 2,367 | 2,367 | 0.10 | 0.02 | — | 2,375 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.22 | 1.83 | 2.93 | 0.01 | 0.07 | — | 0.07 | 0.07 | — | 0.07 | — | 674 | 674 | 0.03 | 0.01 | — | 677 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.04 | 0.33 | 0.53 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 112 | 112 | < 0.005 | < 0.005 | — | 112 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|------|------|------|------|------|------|---------|---------|---|------|------|---------|---------|------|------|
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.04 | 0.04 | 0.71 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 | — | 163 | 163 | < 0.005 | 0.01 | 0.47 | 165 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.04 | 0.05 | 0.60 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 | — | 155 | 155 | < 0.005 | 0.01 | 0.01 | 157 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.18 | 0.00 | 0.00 | 0.05 | 0.05 | 0.00 | 0.01 | 0.01 | — | 44.7 | 44.7 | < 0.005 | < 0.005 | 0.06 | 45.3 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | 0.03 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 7.40 | 7.40 | < 0.005 | < 0.005 | 0.01 | 7.50 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.36. Paving- Phase II (2028) - Mitigated

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

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

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|---------|------|------|------|------|------|------|---|-------|-------|---------|---------|------|-------|
| Off-Road Equipment | 0.76 | 6.41 | 10.3 | 0.02 | 0.26 | — | 0.26 | 0.24 | — | 0.24 | — | 2,367 | 2,367 | 0.10 | 0.02 | — | 2,375 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.76 | 6.41 | 10.3 | 0.02 | 0.26 | — | 0.26 | 0.24 | — | 0.24 | — | 2,367 | 2,367 | 0.10 | 0.02 | — | 2,375 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.22 | 1.83 | 2.93 | 0.01 | 0.07 | — | 0.07 | 0.07 | — | 0.07 | — | 674 | 674 | 0.03 | 0.01 | — | 677 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.04 | 0.33 | 0.53 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 112 | 112 | < 0.005 | < 0.005 | — | 112 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.04 | 0.04 | 0.71 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 | — | 163 | 163 | < 0.005 | 0.01 | 0.47 | 165 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.04 | 0.05 | 0.60 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 | — | 155 | 155 | < 0.005 | 0.01 | 0.01 | 157 |

| | | | | | | | | | | | | | | | | | |
|---------------|---------|---------|------|------|------|------|------|------|---------|---------|---|------|------|---------|---------|------|------|
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.18 | 0.00 | 0.00 | 0.05 | 0.05 | 0.00 | 0.01 | 0.01 | — | 44.7 | 44.7 | < 0.005 | < 0.005 | 0.06 | 45.3 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | 0.03 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 7.40 | 7.40 | < 0.005 | < 0.005 | 0.01 | 7.50 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.37. Paving- Phase III (2031) - Unmitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.69 | 5.54 | 10.2 | 0.02 | 0.21 | — | 0.21 | 0.20 | — | 0.20 | — | 2,366 | 2,366 | 0.10 | 0.02 | — | 2,375 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.69 | 5.54 | 10.2 | 0.02 | 0.21 | — | 0.21 | 0.20 | — | 0.20 | — | 2,366 | 2,366 | 0.10 | 0.02 | — | 2,375 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|------|---------|------|------|------|------|---------|---------|---|------|------|---------|---------|------|------|
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.20 | 1.61 | 2.97 | 0.01 | 0.06 | — | 0.06 | 0.06 | — | 0.06 | — | 687 | 687 | 0.03 | 0.01 | — | 690 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.04 | 0.29 | 0.54 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 114 | 114 | < 0.005 | < 0.005 | — | 114 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.03 | 0.58 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 | — | 155 | 155 | < 0.005 | < 0.005 | 0.33 | 156 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.04 | 0.49 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 | — | 147 | 147 | < 0.005 | 0.01 | 0.01 | 149 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.15 | 0.00 | 0.00 | 0.05 | 0.05 | 0.00 | 0.01 | 0.01 | — | 43.4 | 43.4 | < 0.005 | < 0.005 | 0.04 | 44.0 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | 0.03 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 7.19 | 7.19 | < 0.005 | < 0.005 | 0.01 | 7.28 |

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

3.38. Paving- Phase III (2031) - Mitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|---------|---------|------|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.69 | 5.54 | 10.2 | 0.02 | 0.21 | — | 0.21 | 0.20 | — | 0.20 | — | 2,366 | 2,366 | 0.10 | 0.02 | — | 2,375 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.69 | 5.54 | 10.2 | 0.02 | 0.21 | — | 0.21 | 0.20 | — | 0.20 | — | 2,366 | 2,366 | 0.10 | 0.02 | — | 2,375 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.20 | 1.61 | 2.97 | 0.01 | 0.06 | — | 0.06 | 0.06 | — | 0.06 | — | 687 | 687 | 0.03 | 0.01 | — | 690 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.04 | 0.29 | 0.54 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 114 | 114 | < 0.005 | < 0.005 | — | 114 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|------|------|------|------|------|------|---------|---------|---|------|------|---------|---------|------|------|
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.03 | 0.58 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 | — | 155 | 155 | < 0.005 | < 0.005 | 0.33 | 156 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.04 | 0.49 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 | — | 147 | 147 | < 0.005 | 0.01 | 0.01 | 149 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.15 | 0.00 | 0.00 | 0.05 | 0.05 | 0.00 | 0.01 | 0.01 | — | 43.4 | 43.4 | < 0.005 | < 0.005 | 0.04 | 44.0 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | 0.03 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 7.19 | 7.19 | < 0.005 | < 0.005 | 0.01 | 7.28 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.39. Architectural Coating- Phase I (2026) - Unmitigated

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

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

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|------------------------|---------|------|------|---------|---------|------|---------|---------|------|---------|---|-------|-------|---------|---------|------|-------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.12 | 0.86 | 1.13 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 134 | 134 | 0.01 | < 0.005 | — | 134 |
| Architectural Coatings | 4.12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.02 | 0.17 | 0.23 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 27.0 | 27.0 | < 0.005 | < 0.005 | — | 27.1 |
| Architectural Coatings | 0.83 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | 0.03 | 0.04 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 4.46 | 4.46 | < 0.005 | < 0.005 | — | 4.48 |
| Architectural Coatings | 0.15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.60 | 0.71 | 8.98 | 0.00 | 0.00 | 2.13 | 2.13 | 0.00 | 0.50 | 0.50 | — | 2,092 | 2,092 | 0.10 | 0.08 | 0.19 | 2,117 |

| | | | | | | | | | | | | | | | | | |
|---------------|------|------|------|------|------|------|------|------|------|------|---|------|------|---------|---------|------|------|
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.12 | 0.16 | 1.90 | 0.00 | 0.00 | 0.43 | 0.43 | 0.00 | 0.10 | 0.10 | — | 429 | 429 | 0.02 | 0.02 | 0.65 | 434 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.02 | 0.03 | 0.35 | 0.00 | 0.00 | 0.08 | 0.08 | 0.00 | 0.02 | 0.02 | — | 71.0 | 71.0 | < 0.005 | < 0.005 | 0.11 | 71.9 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.40. Architectural Coating- Phase I (2026) - Mitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|------------------------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|------|------|---------|------|------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.12 | 0.86 | 1.13 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 134 | 134 | 0.01 | < 0.005 | — | 134 |
| Architectural Coatings | 4.12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|------------------------|---------|------|------|---------|---------|------|---------|---------|------|---------|---|-------|-------|---------|---------|------|-------|
| Off-Road Equipment | 0.02 | 0.17 | 0.23 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 27.0 | 27.0 | < 0.005 | < 0.005 | — | 27.1 |
| Architectural Coatings | 0.83 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | 0.03 | 0.04 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 4.46 | 4.46 | < 0.005 | < 0.005 | — | 4.48 |
| Architectural Coatings | 0.15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.60 | 0.71 | 8.98 | 0.00 | 0.00 | 2.13 | 2.13 | 0.00 | 0.50 | 0.50 | — | 2,092 | 2,092 | 0.10 | 0.08 | 0.19 | 2,117 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.12 | 0.16 | 1.90 | 0.00 | 0.00 | 0.43 | 0.43 | 0.00 | 0.10 | 0.10 | — | 429 | 429 | 0.02 | 0.02 | 0.65 | 434 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.02 | 0.03 | 0.35 | 0.00 | 0.00 | 0.08 | 0.08 | 0.00 | 0.02 | 0.02 | — | 71.0 | 71.0 | < 0.005 | < 0.005 | 0.11 | 71.9 |

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

3.41. Architectural Coating- Phase I (2027) - Unmitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|------------------------|---------|------|------|---------|---------|-------|---------|---------|--------|---------|------|-------|------|---------|---------|------|------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.11 | 0.83 | 1.13 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 134 | 134 | 0.01 | < 0.005 | — | 134 |
| Architectural Coatings | 4.12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.02 | 0.12 | 0.16 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 18.5 | 18.5 | < 0.005 | < 0.005 | — | 18.6 |
| Architectural Coatings | 0.57 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | 0.02 | 0.03 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 3.06 | 3.06 | < 0.005 | < 0.005 | — | 3.07 |

| | | | | | | | | | | | | | | | | | |
|---------------------------|------|------|------|------|------|------|------|------|------|------|---|-------|-------|---------|---------|------|-------|
| Architectu Coatings | 0.10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.57 | 0.70 | 8.29 | 0.00 | 0.00 | 2.13 | 2.13 | 0.00 | 0.50 | 0.50 | — | 2,052 | 2,052 | 0.03 | 0.08 | 0.17 | 2,076 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.08 | 0.10 | 1.21 | 0.00 | 0.00 | 0.29 | 0.29 | 0.00 | 0.07 | 0.07 | — | 288 | 288 | < 0.005 | 0.01 | 0.40 | 292 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.02 | 0.22 | 0.00 | 0.00 | 0.05 | 0.05 | 0.00 | 0.01 | 0.01 | — | 47.8 | 47.8 | < 0.005 | < 0.005 | 0.07 | 48.4 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.42. Architectural Coating- Phase I (2027) - Mitigated

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

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

| | | | | | | | | | | | | | | | | | |
|------------------------|---------|------|------|---------|---------|------|---------|---------|------|---------|---|------|------|---------|---------|------|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.11 | 0.83 | 1.13 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 134 | 134 | 0.01 | < 0.005 | — | 134 |
| Architectural Coatings | 4.12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.02 | 0.12 | 0.16 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 18.5 | 18.5 | < 0.005 | < 0.005 | — | 18.6 |
| Architectural Coatings | 0.57 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | 0.02 | 0.03 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 3.06 | 3.06 | < 0.005 | < 0.005 | — | 3.07 |
| Architectural Coatings | 0.10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|------|------|------|------|------|------|---|-------|-------|---------|---------|------|-------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.57 | 0.70 | 8.29 | 0.00 | 0.00 | 2.13 | 2.13 | 0.00 | 0.50 | 0.50 | — | 2,052 | 2,052 | 0.03 | 0.08 | 0.17 | 2,076 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.08 | 0.10 | 1.21 | 0.00 | 0.00 | 0.29 | 0.29 | 0.00 | 0.07 | 0.07 | — | 288 | 288 | < 0.005 | 0.01 | 0.40 | 292 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.02 | 0.22 | 0.00 | 0.00 | 0.05 | 0.05 | 0.00 | 0.01 | 0.01 | — | 47.8 | 47.8 | < 0.005 | < 0.005 | 0.07 | 48.4 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.43. Architectural Coating- Phase II (2028) - Unmitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|------------------------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|------|------|---------|------|------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.11 | 0.81 | 1.12 | < 0.005 | 0.02 | — | 0.02 | 0.01 | — | 0.01 | — | 134 | 134 | 0.01 | < 0.005 | — | 134 |
| Architectural Coatings | 4.12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|------------------------|------|------|------|---------|---------|------|---------|---------|------|---------|---|-------|-------|---------|---------|------|-------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.11 | 0.81 | 1.12 | < 0.005 | 0.02 | — | 0.02 | 0.01 | — | 0.01 | — | 134 | 134 | 0.01 | < 0.005 | — | 134 |
| Architectural Coatings | 4.12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.04 | 0.31 | 0.42 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 50.5 | 50.5 | < 0.005 | < 0.005 | — | 50.7 |
| Architectural Coatings | 1.56 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.01 | 0.06 | 0.08 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 8.36 | 8.36 | < 0.005 | < 0.005 | — | 8.39 |
| Architectural Coatings | 0.28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.56 | 0.55 | 9.19 | 0.00 | 0.00 | 2.13 | 2.13 | 0.00 | 0.50 | 0.50 | — | 2,126 | 2,126 | 0.02 | 0.08 | 6.06 | 2,155 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|------|------|------|------|------|------|---|-------|-------|---------|---------|------|-------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.55 | 0.63 | 7.81 | 0.00 | 0.00 | 2.13 | 2.13 | 0.00 | 0.50 | 0.50 | — | 2,015 | 2,015 | 0.03 | 0.08 | 0.16 | 2,039 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.21 | 0.24 | 3.09 | 0.00 | 0.00 | 0.80 | 0.80 | 0.00 | 0.19 | 0.19 | — | 773 | 773 | 0.01 | 0.03 | 0.99 | 783 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.04 | 0.04 | 0.56 | 0.00 | 0.00 | 0.15 | 0.15 | 0.00 | 0.03 | 0.03 | — | 128 | 128 | < 0.005 | < 0.005 | 0.16 | 130 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.44. Architectural Coating- Phase II (2028) - Mitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|------------------------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|------|------|---------|------|------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.11 | 0.81 | 1.12 | < 0.005 | 0.02 | — | 0.02 | 0.01 | — | 0.01 | — | 134 | 134 | 0.01 | < 0.005 | — | 134 |
| Architectural Coatings | 4.12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|------------------------|------|------|------|---------|---------|------|---------|---------|------|---------|---|-------|-------|---------|---------|------|-------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.11 | 0.81 | 1.12 | < 0.005 | 0.02 | — | 0.02 | 0.01 | — | 0.01 | — | 134 | 134 | 0.01 | < 0.005 | — | 134 |
| Architectural Coatings | 4.12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.04 | 0.31 | 0.42 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 50.5 | 50.5 | < 0.005 | < 0.005 | — | 50.7 |
| Architectural Coatings | 1.56 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.01 | 0.06 | 0.08 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 8.36 | 8.36 | < 0.005 | < 0.005 | — | 8.39 |
| Architectural Coatings | 0.28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.56 | 0.55 | 9.19 | 0.00 | 0.00 | 2.13 | 2.13 | 0.00 | 0.50 | 0.50 | — | 2,126 | 2,126 | 0.02 | 0.08 | 6.06 | 2,155 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|------|------|------|------|------|------|---|-------|-------|---------|---------|------|-------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.55 | 0.63 | 7.81 | 0.00 | 0.00 | 2.13 | 2.13 | 0.00 | 0.50 | 0.50 | — | 2,015 | 2,015 | 0.03 | 0.08 | 0.16 | 2,039 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.21 | 0.24 | 3.09 | 0.00 | 0.00 | 0.80 | 0.80 | 0.00 | 0.19 | 0.19 | — | 773 | 773 | 0.01 | 0.03 | 0.99 | 783 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.04 | 0.04 | 0.56 | 0.00 | 0.00 | 0.15 | 0.15 | 0.00 | 0.03 | 0.03 | — | 128 | 128 | < 0.005 | < 0.005 | 0.16 | 130 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.45. Architectural Coating- Phase III (2031) - Unmitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-------------------------------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|------|------|---------|------|------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.10 | 0.78 | 1.10 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 134 | 134 | 0.01 | < 0.005 | — | 134 |
| Architectu ral Coatings | 4.10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|------------------------|------|------|------|---------|---------|------|---------|---------|------|---------|---|-------|-------|---------|---------|------|-------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.10 | 0.78 | 1.10 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 134 | 134 | 0.01 | < 0.005 | — | 134 |
| Architectural Coatings | 4.10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.04 | 0.29 | 0.41 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 50.1 | 50.1 | < 0.005 | < 0.005 | — | 50.3 |
| Architectural Coatings | 1.54 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.01 | 0.05 | 0.08 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 8.30 | 8.30 | < 0.005 | < 0.005 | — | 8.33 |
| Architectural Coatings | 0.28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.42 | 0.41 | 7.55 | 0.00 | 0.00 | 2.13 | 2.13 | 0.00 | 0.50 | 0.50 | — | 2,024 | 2,024 | 0.02 | 0.01 | 4.28 | 2,032 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|------|------|------|------|------|------|---|-------|-------|---------|---------|------|-------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.42 | 0.48 | 6.40 | 0.00 | 0.00 | 2.13 | 2.13 | 0.00 | 0.50 | 0.50 | — | 1,920 | 1,920 | 0.02 | 0.08 | 0.11 | 1,944 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.16 | 0.18 | 2.51 | 0.00 | 0.00 | 0.80 | 0.80 | 0.00 | 0.19 | 0.19 | — | 731 | 731 | 0.01 | 0.03 | 0.70 | 741 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.03 | 0.46 | 0.00 | 0.00 | 0.15 | 0.15 | 0.00 | 0.03 | 0.03 | — | 121 | 121 | < 0.005 | < 0.005 | 0.12 | 123 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.46. Architectural Coating- Phase III (2031) - Mitigated

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

| Location | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|------------------------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|------|------|---------|------|------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.10 | 0.78 | 1.10 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 134 | 134 | 0.01 | < 0.005 | — | 134 |
| Architectural Coatings | 4.10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|------------------------|------|------|------|---------|---------|------|---------|---------|------|---------|---|-------|-------|---------|---------|------|-------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.10 | 0.78 | 1.10 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 134 | 134 | 0.01 | < 0.005 | — | 134 |
| Architectural Coatings | 4.10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.04 | 0.29 | 0.41 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 50.1 | 50.1 | < 0.005 | < 0.005 | — | 50.3 |
| Architectural Coatings | 1.54 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.01 | 0.05 | 0.08 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 8.30 | 8.30 | < 0.005 | < 0.005 | — | 8.33 |
| Architectural Coatings | 0.28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.42 | 0.41 | 7.55 | 0.00 | 0.00 | 2.13 | 2.13 | 0.00 | 0.50 | 0.50 | — | 2,024 | 2,024 | 0.02 | 0.01 | 4.28 | 2,032 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|------|------|------|------|------|------|---|-------|-------|---------|---------|------|-------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.42 | 0.48 | 6.40 | 0.00 | 0.00 | 2.13 | 2.13 | 0.00 | 0.50 | 0.50 | — | 1,920 | 1,920 | 0.02 | 0.08 | 0.11 | 1,944 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.16 | 0.18 | 2.51 | 0.00 | 0.00 | 0.80 | 0.80 | 0.00 | 0.19 | 0.19 | — | 731 | 731 | 0.01 | 0.03 | 0.70 | 741 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.03 | 0.46 | 0.00 | 0.00 | 0.15 | 0.15 | 0.00 | 0.03 | 0.03 | — | 121 | 121 | < 0.005 | < 0.005 | 0.12 | 123 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

4.1.2. Mitigated

Mobile source emissions results are presented in Sections 2.5. No further detailed breakdown of emissions is available.

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

| Land Use | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------------|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|-------|---------|---------|---|-------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | — | — | — | — | — | — | — | — | — | — | — | 458 | 458 | 0.03 | < 0.005 | — | 460 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | — | 390 | 390 | 0.03 | < 0.005 | — | 392 |
| Congregate Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | — | 1,599 | 1,599 | 0.11 | 0.02 | — | 1,606 |
| Enclosed Parking Structure | — | — | — | — | — | — | — | — | — | — | — | 715 | 715 | 0.05 | 0.01 | — | 719 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 24.0 | 24.0 | < 0.005 | < 0.005 | — | 24.1 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 3,185 | 3,185 | 0.23 | 0.03 | — | 3,200 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | — | — | — | — | — | — | — | — | — | — | — | 458 | 458 | 0.03 | < 0.005 | — | 460 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | — | 390 | 390 | 0.03 | < 0.005 | — | 392 |
| Congregate Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | — | 1,599 | 1,599 | 0.11 | 0.02 | — | 1,606 |
| Enclosed Parking Structure | — | — | — | — | — | — | — | — | — | — | — | 715 | 715 | 0.05 | 0.01 | — | 719 |

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|-------|-------|---------|---------|---|-------|
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 24.0 | 24.0 | < 0.005 | < 0.005 | — | 24.1 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 3,185 | 3,185 | 0.23 | 0.03 | — | 3,200 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | — | — | — | — | — | — | — | — | — | — | — | 75.8 | 75.8 | 0.01 | < 0.005 | — | 76.2 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | — | 64.5 | 64.5 | < 0.005 | < 0.005 | — | 64.8 |
| Congregate Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | — | 265 | 265 | 0.02 | < 0.005 | — | 266 |
| Enclosed Parking Structure | — | — | — | — | — | — | — | — | — | — | — | 118 | 118 | 0.01 | < 0.005 | — | 119 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 3.98 | 3.98 | < 0.005 | < 0.005 | — | 4.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 527 | 527 | 0.04 | 0.01 | — | 530 |

4.2.2. Electricity Emissions By Land Use - Mitigated

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

| Land Use | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|---------|---|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | — | — | — | — | — | — | — | — | — | — | — | 458 | 458 | 0.03 | < 0.005 | — | 460 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | — | 390 | 390 | 0.03 | < 0.005 | — | 392 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|-------|-------|---------|---------|---|-------|
| Congregate Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | — | 1,599 | 1,599 | 0.11 | 0.02 | — | 1,606 |
| Enclosed Parking Structure | — | — | — | — | — | — | — | — | — | — | — | 715 | 715 | 0.05 | 0.01 | — | 719 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 24.0 | 24.0 | < 0.005 | < 0.005 | — | 24.1 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 3,185 | 3,185 | 0.23 | 0.03 | — | 3,200 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | — | — | — | — | — | — | — | — | — | — | — | 458 | 458 | 0.03 | < 0.005 | — | 460 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | — | 390 | 390 | 0.03 | < 0.005 | — | 392 |
| Congregate Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | — | 1,599 | 1,599 | 0.11 | 0.02 | — | 1,606 |
| Enclosed Parking Structure | — | — | — | — | — | — | — | — | — | — | — | 715 | 715 | 0.05 | 0.01 | — | 719 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 24.0 | 24.0 | < 0.005 | < 0.005 | — | 24.1 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 3,185 | 3,185 | 0.23 | 0.03 | — | 3,200 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | — | — | — | — | — | — | — | — | — | — | — | 75.8 | 75.8 | 0.01 | < 0.005 | — | 76.2 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | — | 64.5 | 64.5 | < 0.005 | < 0.005 | — | 64.8 |

| | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|------|------|---------|---------|---|------|
| Congrega Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | — | 265 | 265 | 0.02 | < 0.005 | — | 266 |
| Enclosed Parking Structure | — | — | — | — | — | — | — | — | — | — | — | 118 | 118 | 0.01 | < 0.005 | — | 119 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 3.98 | 3.98 | < 0.005 | < 0.005 | — | 4.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 527 | 527 | 0.04 | 0.01 | — | 530 |

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

| Land Use | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|------------------------------------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|---------|---|-------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartmen ts Mid Rise | 0.01 | 0.21 | 0.09 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 270 | 270 | 0.02 | < 0.005 | — | 271 |
| Condo/To wnhouse | 0.02 | 0.32 | 0.14 | < 0.005 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 403 | 403 | 0.04 | < 0.005 | — | 404 |
| Congrega te Care (Assisted Living) | 0.04 | 0.74 | 0.32 | < 0.005 | 0.06 | — | 0.06 | 0.06 | — | 0.06 | — | 942 | 942 | 0.08 | < 0.005 | — | 945 |
| Enclosed Parking Structure | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.07 | 1.27 | 0.54 | 0.01 | 0.10 | — | 0.10 | 0.10 | — | 0.10 | — | 1,615 | 1,615 | 0.14 | < 0.005 | — | 1,619 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------|------|------|---------|---------|---|---------|---------|---|---------|---|-------|-------|---------|---------|---|-------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | 0.01 | 0.21 | 0.09 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 270 | 270 | 0.02 | < 0.005 | — | 271 |
| Condo/Townhouse | 0.02 | 0.32 | 0.14 | < 0.005 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 403 | 403 | 0.04 | < 0.005 | — | 404 |
| Congregate Care (Assisted Living) | 0.04 | 0.74 | 0.32 | < 0.005 | 0.06 | — | 0.06 | 0.06 | — | 0.06 | — | 942 | 942 | 0.08 | < 0.005 | — | 945 |
| Enclosed Parking Structure | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.07 | 1.27 | 0.54 | 0.01 | 0.10 | — | 0.10 | 0.10 | — | 0.10 | — | 1,615 | 1,615 | 0.14 | < 0.005 | — | 1,619 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | < 0.005 | 0.04 | 0.02 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 44.7 | 44.7 | < 0.005 | < 0.005 | — | 44.8 |
| Condo/Townhouse | < 0.005 | 0.06 | 0.02 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 66.7 | 66.7 | 0.01 | < 0.005 | — | 66.9 |
| Congregate Care (Assisted Living) | 0.01 | 0.14 | 0.06 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 156 | 156 | 0.01 | < 0.005 | — | 156 |
| Enclosed Parking Structure | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.01 | 0.23 | 0.10 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 267 | 267 | 0.02 | < 0.005 | — | 268 |

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

| Land Use | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|---------|---|-------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | 0.01 | 0.21 | 0.09 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 270 | 270 | 0.02 | < 0.005 | — | 271 |
| Condo/Townhouse | 0.02 | 0.32 | 0.14 | < 0.005 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 403 | 403 | 0.04 | < 0.005 | — | 404 |
| Congregate Care (Assisted Living) | 0.04 | 0.74 | 0.32 | < 0.005 | 0.06 | — | 0.06 | 0.06 | — | 0.06 | — | 942 | 942 | 0.08 | < 0.005 | — | 945 |
| Enclosed Parking Structure | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.07 | 1.27 | 0.54 | 0.01 | 0.10 | — | 0.10 | 0.10 | — | 0.10 | — | 1,615 | 1,615 | 0.14 | < 0.005 | — | 1,619 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | 0.01 | 0.21 | 0.09 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 270 | 270 | 0.02 | < 0.005 | — | 271 |
| Condo/Townhouse | 0.02 | 0.32 | 0.14 | < 0.005 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 403 | 403 | 0.04 | < 0.005 | — | 404 |
| Congregate Care (Assisted Living) | 0.04 | 0.74 | 0.32 | < 0.005 | 0.06 | — | 0.06 | 0.06 | — | 0.06 | — | 942 | 942 | 0.08 | < 0.005 | — | 945 |

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------|------|------|---------|---------|---|---------|---------|---|---------|---|-------|-------|---------|---------|---|-------|
| Enclosed Parking Structure | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.07 | 1.27 | 0.54 | 0.01 | 0.10 | — | 0.10 | 0.10 | — | 0.10 | — | 1,615 | 1,615 | 0.14 | < 0.005 | — | 1,619 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | < 0.005 | 0.04 | 0.02 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 44.7 | 44.7 | < 0.005 | < 0.005 | — | 44.8 |
| Condo/Townhouse | < 0.005 | 0.06 | 0.02 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 66.7 | 66.7 | 0.01 | < 0.005 | — | 66.9 |
| Congregate Care (Assisted Living) | 0.01 | 0.14 | 0.06 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 156 | 156 | 0.01 | < 0.005 | — | 156 |
| Enclosed Parking Structure | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.01 | 0.23 | 0.10 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 267 | 267 | 0.02 | < 0.005 | — | 268 |

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

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

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|-------------------------|------|------|------|---------|---------|---|---------|---------|---|---------|------|------|------|---------|---------|---|------|
| Consume Products | 5.60 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectu ral Coatings | 0.45 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscap e Equipme nt | 2.31 | 0.21 | 22.6 | < 0.005 | 0.02 | — | 0.02 | 0.01 | — | 0.01 | — | 66.9 | 66.9 | < 0.005 | < 0.005 | — | 67.2 |
| Total | 8.36 | 0.21 | 22.6 | < 0.005 | 0.02 | — | 0.02 | 0.01 | — | 0.01 | 0.00 | 66.9 | 66.9 | < 0.005 | < 0.005 | — | 67.2 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Hearths | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Consume r Products | 5.60 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectu ral Coatings | 0.45 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | 6.05 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Hearths | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Consume r Products | 1.02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectu ral Coatings | 0.08 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscap e Equipme nt | 0.29 | 0.03 | 2.82 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 7.59 | 7.59 | < 0.005 | < 0.005 | — | 7.62 |
| Total | 1.39 | 0.03 | 2.82 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | 0.00 | 7.59 | 7.59 | < 0.005 | < 0.005 | — | 7.62 |

4.3.2. Mitigated

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

| Source | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|------------------------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|------|---------|---------|---|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Hearths | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Consumer Products | 5.60 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | 0.45 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscaping Equipment | 2.31 | 0.21 | 22.6 | < 0.005 | 0.02 | — | 0.02 | 0.01 | — | 0.01 | — | 66.9 | 66.9 | < 0.005 | < 0.005 | — | 67.2 |
| Total | 8.36 | 0.21 | 22.6 | < 0.005 | 0.02 | — | 0.02 | 0.01 | — | 0.01 | 0.00 | 66.9 | 66.9 | < 0.005 | < 0.005 | — | 67.2 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Hearths | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Consumer Products | 5.60 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | 0.45 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | 6.05 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Hearths | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | |
|------------------------|------|------|------|---------|---------|---|---------|---------|---|---------|------|------|------|---------|---------|---|------|
| Consumer Products | 1.02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | 0.08 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 0.29 | 0.03 | 2.82 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 7.59 | 7.59 | < 0.005 | < 0.005 | — | 7.62 |
| Total | 1.39 | 0.03 | 2.82 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | 0.00 | 7.59 | 7.59 | < 0.005 | < 0.005 | — | 7.62 |

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

| Land Use | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------------|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|------|---|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | — | — | — | — | — | — | — | — | — | — | 4.36 | 86.9 | 91.3 | 0.45 | 0.01 | — | 106 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | 2.86 | 19.2 | 22.1 | 0.29 | 0.01 | — | 31.5 |
| Congregate Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | 15.2 | 102 | 117 | 1.57 | 0.04 | — | 168 |
| Enclosed Parking Structure | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|------|------|------|------|---------|---|------|
| Total | — | — | — | — | — | — | — | — | — | — | 22.4 | 208 | 231 | 2.31 | 0.06 | — | 306 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | — | — | — | — | — | — | — | — | — | — | 4.36 | 86.9 | 91.3 | 0.45 | 0.01 | — | 106 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | 2.86 | 19.2 | 22.1 | 0.29 | 0.01 | — | 31.5 |
| Congregate Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | 15.2 | 102 | 117 | 1.57 | 0.04 | — | 168 |
| Enclosed Parking Structure | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | 22.4 | 208 | 231 | 2.31 | 0.06 | — | 306 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | — | — | — | — | — | — | — | — | — | — | 0.72 | 14.4 | 15.1 | 0.07 | < 0.005 | — | 17.6 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | 0.47 | 3.18 | 3.65 | 0.05 | < 0.005 | — | 5.22 |
| Congregate Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | 2.52 | 16.9 | 19.4 | 0.26 | 0.01 | — | 27.8 |
| Enclosed Parking Structure | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|------|------|------|------|------|---|------|
| Total | — | — | — | — | — | — | — | — | — | — | 3.71 | 34.5 | 38.2 | 0.38 | 0.01 | — | 50.6 |
|-------|---|---|---|---|---|---|---|---|---|---|------|------|------|------|------|---|------|

4.4.2. Mitigated

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

| Land Use | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|-----------------------------------|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|------|---|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | — | — | — | — | — | — | — | — | — | — | 4.36 | 86.9 | 91.3 | 0.45 | 0.01 | — | 106 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | 2.86 | 19.2 | 22.1 | 0.29 | 0.01 | — | 31.5 |
| Congregate Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | 15.2 | 102 | 117 | 1.57 | 0.04 | — | 168 |
| Enclosed Parking Structure | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | 22.4 | 208 | 231 | 2.31 | 0.06 | — | 306 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | — | — | — | — | — | — | — | — | — | — | 4.36 | 86.9 | 91.3 | 0.45 | 0.01 | — | 106 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | 2.86 | 19.2 | 22.1 | 0.29 | 0.01 | — | 31.5 |

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|------|------|------|------|---------|---|------|
| Congregate Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | 15.2 | 102 | 117 | 1.57 | 0.04 | — | 168 |
| Enclosed Parking Structure | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | 22.4 | 208 | 231 | 2.31 | 0.06 | — | 306 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | — | — | — | — | — | — | — | — | — | — | 0.72 | 14.4 | 15.1 | 0.07 | < 0.005 | — | 17.6 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | 0.47 | 3.18 | 3.65 | 0.05 | < 0.005 | — | 5.22 |
| Congregate Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | 2.52 | 16.9 | 19.4 | 0.26 | 0.01 | — | 27.8 |
| Enclosed Parking Structure | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | 3.71 | 34.5 | 38.2 | 0.38 | 0.01 | — | 50.6 |

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

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

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|------|------|------|------|------|---|-------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | — | — | — | — | — | — | — | — | — | — | 24.4 | 0.00 | 24.4 | 2.44 | 0.00 | — | 85.3 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | 15.9 | 0.00 | 15.9 | 1.59 | 0.00 | — | 55.6 |
| Congregate Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | 310 | 0.00 | 310 | 31.0 | 0.00 | — | 1,085 |
| Enclosed Parking Structure | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | 350 | 0.00 | 350 | 35.0 | 0.00 | — | 1,226 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | — | — | — | — | — | — | — | — | — | — | 24.4 | 0.00 | 24.4 | 2.44 | 0.00 | — | 85.3 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | 15.9 | 0.00 | 15.9 | 1.59 | 0.00 | — | 55.6 |
| Congregate Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | 310 | 0.00 | 310 | 31.0 | 0.00 | — | 1,085 |
| Enclosed Parking Structure | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|------|------|------|------|------|---|-------|
| Parking Lot | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | 350 | 0.00 | 350 | 35.0 | 0.00 | — | 1,226 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | — | — | — | — | — | — | — | — | — | — | 4.03 | 0.00 | 4.03 | 0.40 | 0.00 | — | 14.1 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | 2.63 | 0.00 | 2.63 | 0.26 | 0.00 | — | 9.20 |
| Congregate Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | 51.3 | 0.00 | 51.3 | 5.13 | 0.00 | — | 180 |
| Enclosed Parking Structure | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | 58.0 | 0.00 | 58.0 | 5.80 | 0.00 | — | 203 |

4.5.2. Mitigated

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

| Land Use | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|------|---|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | — | — | — | — | — | — | — | — | — | — | 24.4 | 0.00 | 24.4 | 2.44 | 0.00 | — | 85.3 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | 15.9 | 0.00 | 15.9 | 1.59 | 0.00 | — | 55.6 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|------|------|------|------|------|---|-------|
| Congregate Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | 310 | 0.00 | 310 | 31.0 | 0.00 | — | 1,085 |
| Enclosed Parking Structure | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | 350 | 0.00 | 350 | 35.0 | 0.00 | — | 1,226 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | — | — | — | — | — | — | — | — | — | — | 24.4 | 0.00 | 24.4 | 2.44 | 0.00 | — | 85.3 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | 15.9 | 0.00 | 15.9 | 1.59 | 0.00 | — | 55.6 |
| Congregate Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | 310 | 0.00 | 310 | 31.0 | 0.00 | — | 1,085 |
| Enclosed Parking Structure | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | 350 | 0.00 | 350 | 35.0 | 0.00 | — | 1,226 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | — | — | — | — | — | — | — | — | — | — | 4.03 | 0.00 | 4.03 | 0.40 | 0.00 | — | 14.1 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | 2.63 | 0.00 | 2.63 | 0.26 | 0.00 | — | 9.20 |

| | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|------|------|------|------|------|---|------|
| Congrega Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | 51.3 | 0.00 | 51.3 | 5.13 | 0.00 | — | 180 |
| Enclosed Parking Structure | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | 58.0 | 0.00 | 58.0 | 5.80 | 0.00 | — | 203 |

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

| Land Use | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|------------------------------------|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|------|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartmen ts Mid Rise | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.44 | 0.44 |
| Condo/To wnhouse | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.39 | 0.39 |
| Congrega te Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 1.86 | 1.86 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.68 | 2.68 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------|------|
| Apartments | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.44 | 0.44 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.39 | 0.39 |
| Congregate Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 1.86 | 1.86 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.68 | 2.68 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.07 | 0.07 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.06 | 0.06 |
| Congregate Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.31 | 0.31 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.44 | 0.44 |

4.6.2. Mitigated

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

| Land Use | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|------|------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartments Mid Rise | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.44 | 0.44 |
| Condo/Townhouse | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.39 | 0.39 |

| | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------|------|
| Congrega Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 1.86 | 1.86 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.68 | 2.68 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartmen ts Mid Rise | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.44 | 0.44 |
| Condo/To wnhouse | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.39 | 0.39 |
| Congrega te Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 1.86 | 1.86 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2.68 | 2.68 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Apartmen ts Mid Rise | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.07 | 0.07 |
| Condo/To wnhouse | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.06 | 0.06 |
| Congrega te Care (Assisted Living) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.31 | 0.31 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0.44 | 0.44 |

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.7.2. Mitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

| Equipment Type | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|---------|---------|-------|---------|---------|--------|---------|------|-------|-------|---------|---------|------|-------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Emergency Generator | 2.64 | 11.8 | 6.74 | 0.01 | 0.39 | 0.00 | 0.39 | 0.39 | 0.00 | 0.39 | 0.00 | 1,352 | 1,352 | 0.05 | 0.01 | 0.00 | 1,356 |
| Total | 2.64 | 11.8 | 6.74 | 0.01 | 0.39 | 0.00 | 0.39 | 0.39 | 0.00 | 0.39 | 0.00 | 1,352 | 1,352 | 0.05 | 0.01 | 0.00 | 1,356 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Emergency Generator | 2.64 | 11.8 | 6.74 | 0.01 | 0.39 | 0.00 | 0.39 | 0.39 | 0.00 | 0.39 | 0.00 | 1,352 | 1,352 | 0.05 | 0.01 | 0.00 | 1,356 |
| Total | 2.64 | 11.8 | 6.74 | 0.01 | 0.39 | 0.00 | 0.39 | 0.39 | 0.00 | 0.39 | 0.00 | 1,352 | 1,352 | 0.05 | 0.01 | 0.00 | 1,356 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Emergency Generator | 0.03 | 0.15 | 0.08 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 15.3 | 15.3 | < 0.005 | < 0.005 | 0.00 | 15.4 |
| Total | 0.03 | 0.15 | 0.08 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 15.3 | 15.3 | < 0.005 | < 0.005 | 0.00 | 15.4 |

4.8.2. Mitigated

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

| Equipment | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|---------|---------|-------|---------|---------|--------|---------|------|-------|-------|---------|---------|------|-------|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Emergency Generator | 2.64 | 11.8 | 6.74 | 0.01 | 0.39 | 0.00 | 0.39 | 0.39 | 0.00 | 0.39 | 0.00 | 1,352 | 1,352 | 0.05 | 0.01 | 0.00 | 1,356 |
| Total | 2.64 | 11.8 | 6.74 | 0.01 | 0.39 | 0.00 | 0.39 | 0.39 | 0.00 | 0.39 | 0.00 | 1,352 | 1,352 | 0.05 | 0.01 | 0.00 | 1,356 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Emergency Generator | 2.64 | 11.8 | 6.74 | 0.01 | 0.39 | 0.00 | 0.39 | 0.39 | 0.00 | 0.39 | 0.00 | 1,352 | 1,352 | 0.05 | 0.01 | 0.00 | 1,356 |
| Total | 2.64 | 11.8 | 6.74 | 0.01 | 0.39 | 0.00 | 0.39 | 0.39 | 0.00 | 0.39 | 0.00 | 1,352 | 1,352 | 0.05 | 0.01 | 0.00 | 1,356 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Emergency Generator | 0.03 | 0.15 | 0.08 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 15.3 | 15.3 | < 0.005 | < 0.005 | 0.00 | 15.4 |
| Total | 0.03 | 0.15 | 0.08 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 15.3 | 15.3 | < 0.005 | < 0.005 | 0.00 | 15.4 |

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

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

4.9.2. Mitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

| | | | | | | | | | | | | | | | | |
|----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

5. Activity Data

5.1. Construction Schedule

| Phase Name | Phase Type | Start Date | End Date | Days Per Week | Work Days per Phase | Phase Description |
|---------------------------------|-----------------------|------------|------------|---------------|---------------------|-------------------|
| Demolition | Demolition | 7/1/2024 | 12/31/2024 | 6.00 | 158 | — |
| Site Preparation - Phase I | Site Preparation | 1/1/2025 | 2/28/2025 | 6.00 | 51.0 | — |
| Site Preparation- Phase II | Site Preparation | 11/1/2026 | 12/31/2026 | 6.00 | 52.0 | — |
| Site Preparation- Phase III | Site Preparation | 9/1/2028 | 10/31/2028 | 6.00 | 52.0 | — |
| Grading- Phase I | Grading | 3/1/2025 | 7/31/2025 | 6.00 | 131 | — |
| Grading- Phase II | Grading | 1/1/2027 | 3/31/2027 | 6.00 | 77.0 | — |
| Grading- Phase III | Grading | 11/1/2028 | 1/31/2029 | 6.00 | 79.0 | — |
| Building Construction-Phase I | Building Construction | 8/1/2025 | 2/28/2027 | 6.00 | 494 | — |
| Building Construction-Phase II | Building Construction | 4/1/2027 | 12/31/2028 | 6.00 | 549 | — |
| Building Construction-Phase III | Building Construction | 2/1/2030 | 10/31/2031 | 6.00 | 547 | — |
| Paving- Phase I | Paving | 11/1/2026 | 2/28/2027 | 6.00 | 102 | — |
| Paving- Phase II | Paving | 9/1/2028 | 12/31/2028 | 6.00 | 104 | — |
| Paving- Phase III | Paving | 7/1/2031 | 10/31/2031 | 6.00 | 106 | — |
| Architectural Coating-Phase I | Architectural Coating | 10/7/2026 | 2/28/2027 | 6.00 | 124 | — |
| Architectural Coating-Phase II | Architectural Coating | 7/24/2028 | 12/31/2028 | 6.00 | 138 | — |

| | | | | | | |
|---------------------------------|-----------------------|-----------|------------|------|-----|---|
| Architectural Coating-Phase III | Architectural Coating | 5/26/2031 | 10/31/2031 | 6.00 | 137 | — |
|---------------------------------|-----------------------|-----------|------------|------|-----|---|

5.2. Off-Road Equipment

5.2.1. Unmitigated

| Phase Name | Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|----------------------------|---------------------------|-----------|-------------|----------------|---------------|------------|-------------|
| Demolition | Concrete/Industrial Saws | Diesel | Average | 1.00 | 8.00 | 33.0 | 0.73 |
| Demolition | Excavators | Diesel | Average | 3.00 | 8.00 | 36.0 | 0.38 |
| Demolition | Rubber Tired Dozers | Diesel | Average | 2.00 | 8.00 | 367 | 0.40 |
| Site Preparation - Phase I | Tractors/Loaders/Backhoes | Diesel | Average | 3.00 | 8.00 | 84.0 | 0.37 |
| Site Preparation - Phase I | Crawler Tractors | Diesel | Average | 3.00 | 8.00 | 87.0 | 0.43 |
| Site Preparation - Phase I | Excavators | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Site Preparation - Phase I | Graders | Diesel | Average | 2.00 | 8.00 | 148 | 0.41 |
| Site Preparation - Phase I | Off-Highway Trucks | Diesel | Average | 2.00 | 8.00 | 376 | 0.38 |
| Site Preparation- Phase II | Tractors/Loaders/Backhoes | Diesel | Average | 3.00 | 8.00 | 84.0 | 0.37 |
| Site Preparation- Phase II | Crawler Tractors | Diesel | Average | 3.00 | 8.00 | 87.0 | 0.43 |
| Site Preparation- Phase II | Excavators | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Site Preparation- Phase II | Graders | Diesel | Average | 2.00 | 8.00 | 148 | 0.41 |
| Site Preparation- Phase II | Off-Highway Trucks | Diesel | Average | 2.00 | 8.00 | 376 | 0.38 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | |
|-----------------------------|---------------------------|--------|---------|------|------|------|------|
| Site Preparation- Phase III | Tractors/Loaders/Backhoes | Diesel | Average | 3.00 | 8.00 | 84.0 | 0.37 |
| Site Preparation- Phase III | Crawler Tractors | Diesel | Average | 3.00 | 8.00 | 87.0 | 0.43 |
| Site Preparation- Phase III | Excavators | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Site Preparation- Phase III | Graders | Diesel | Average | 2.00 | 8.00 | 148 | 0.41 |
| Site Preparation- Phase III | Off-Highway Trucks | Diesel | Average | 2.00 | 8.00 | 376 | 0.38 |
| Grading- Phase I | Graders | Diesel | Average | 2.00 | 8.00 | 148 | 0.41 |
| Grading- Phase I | Excavators | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Grading- Phase I | Tractors/Loaders/Backhoes | Diesel | Average | 1.00 | 8.00 | 84.0 | 0.37 |
| Grading- Phase I | Rubber Tired Dozers | Diesel | Average | 2.00 | 8.00 | 367 | 0.40 |
| Grading- Phase I | Crawler Tractors | Diesel | Average | 2.00 | 8.00 | 87.0 | 0.43 |
| Grading- Phase I | Rubber Tired Loaders | Diesel | Average | 4.00 | 8.00 | 150 | 0.36 |
| Grading- Phase I | Off-Highway Trucks | Diesel | Average | 2.00 | 8.00 | 376 | 0.38 |
| Grading- Phase I | Rollers | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Grading- Phase I | Scrapers | Diesel | Average | 2.00 | 8.00 | 423 | 0.48 |
| Grading- Phase II | Graders | Diesel | Average | 2.00 | 8.00 | 148 | 0.41 |
| Grading- Phase II | Excavators | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Grading- Phase II | Tractors/Loaders/Backhoes | Diesel | Average | 1.00 | 8.00 | 84.0 | 0.37 |
| Grading- Phase II | Rubber Tired Dozers | Diesel | Average | 2.00 | 8.00 | 367 | 0.40 |
| Grading- Phase II | Crawler Tractors | Diesel | Average | 2.00 | 8.00 | 87.0 | 0.43 |
| Grading- Phase II | Rubber Tired Loaders | Diesel | Average | 4.00 | 8.00 | 150 | 0.36 |
| Grading- Phase II | Off-Highway Trucks | Diesel | Average | 2.00 | 8.00 | 376 | 0.38 |
| Grading- Phase II | Scrapers | Diesel | Average | 2.00 | 8.00 | 423 | 0.48 |
| Grading- Phase II | Rollers | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | |
|--------------------------------|---------------------------|--------|---------|------|------|------|------|
| Grading- Phase III | Graders | Diesel | Average | 2.00 | 8.00 | 148 | 0.41 |
| Grading- Phase III | Excavators | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Grading- Phase III | Tractors/Loaders/Backhoes | Diesel | Average | 1.00 | 8.00 | 84.0 | 0.37 |
| Grading- Phase III | Rubber Tired Dozers | Diesel | Average | 2.00 | 8.00 | 367 | 0.40 |
| Grading- Phase III | Crawler Tractors | Diesel | Average | 2.00 | 8.00 | 87.0 | 0.43 |
| Grading- Phase III | Rubber Tired Loaders | Diesel | Average | 4.00 | 8.00 | 150 | 0.36 |
| Grading- Phase III | Off-Highway Trucks | Diesel | Average | 2.00 | 8.00 | 376 | 0.38 |
| Grading- Phase III | Rollers | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Grading- Phase III | Scrapers | Diesel | Average | 2.00 | 8.00 | 423 | 0.48 |
| Building Construction-Phase I | Generator Sets | Diesel | Average | 1.00 | 8.00 | 14.0 | 0.74 |
| Building Construction-Phase I | Cranes | Diesel | Average | 1.00 | 7.00 | 367 | 0.29 |
| Building Construction-Phase I | Tractors/Loaders/Backhoes | Diesel | Average | 3.00 | 7.00 | 84.0 | 0.37 |
| Building Construction-Phase I | Bore/Drill Rigs | Diesel | Average | 1.00 | 8.00 | 83.0 | 0.50 |
| Building Construction-Phase I | Air Compressors | Diesel | Average | 1.00 | 8.00 | 37.0 | 0.48 |
| Building Construction-Phase I | Rubber Tired Loaders | Diesel | Average | 2.00 | 8.00 | 150 | 0.36 |
| Building Construction-Phase I | Off-Highway Trucks | Diesel | Average | 1.00 | 8.00 | 376 | 0.38 |
| Building Construction-Phase I | Trenchers | Diesel | Average | 1.00 | 8.00 | 40.0 | 0.50 |
| Building Construction-Phase II | Generator Sets | Diesel | Average | 1.00 | 8.00 | 14.0 | 0.74 |
| Building Construction-Phase II | Cranes | Diesel | Average | 1.00 | 7.00 | 367 | 0.29 |
| Building Construction-Phase II | Tractors/Loaders/Backhoes | Diesel | Average | 3.00 | 7.00 | 84.0 | 0.37 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | |
|---------------------------------|---------------------------|--------|---------|------|------|------|------|
| Building Construction-Phase II | Bore/Drill Rigs | Diesel | Average | 1.00 | 8.00 | 83.0 | 0.50 |
| Building Construction-Phase II | Air Compressors | Diesel | Average | 1.00 | 8.00 | 37.0 | 0.48 |
| Building Construction-Phase II | Rubber Tired Loaders | Diesel | Average | 2.00 | 8.00 | 150 | 0.36 |
| Building Construction-Phase II | Off-Highway Trucks | Diesel | Average | 1.00 | 8.00 | 376 | 0.38 |
| Building Construction-Phase II | Trenchers | Diesel | Average | 1.00 | 8.00 | 40.0 | 0.50 |
| Building Construction-Phase III | Generator Sets | Diesel | Average | 1.00 | 8.00 | 14.0 | 0.74 |
| Building Construction-Phase III | Cranes | Diesel | Average | 1.00 | 7.00 | 367 | 0.29 |
| Building Construction-Phase III | Tractors/Loaders/Backhoes | Diesel | Average | 3.00 | 7.00 | 84.0 | 0.37 |
| Building Construction-Phase III | Bore/Drill Rigs | Diesel | Average | 1.00 | 8.00 | 83.0 | 0.50 |
| Building Construction-Phase III | Air Compressors | Diesel | Average | 1.00 | 8.00 | 37.0 | 0.48 |
| Building Construction-Phase III | Rubber Tired Loaders | Diesel | Average | 2.00 | 8.00 | 150 | 0.36 |
| Building Construction-Phase III | Trenchers | Diesel | Average | 1.00 | 8.00 | 40.0 | 0.50 |
| Building Construction-Phase III | Off-Highway Trucks | Diesel | Average | 1.00 | 8.00 | 376 | 0.38 |
| Paving- Phase I | Paving Equipment | Diesel | Average | 1.00 | 8.00 | 89.0 | 0.36 |
| Paving- Phase I | Rollers | Diesel | Average | 1.00 | 8.00 | 36.0 | 0.38 |
| Paving- Phase I | Skid Steer Loaders | Diesel | Average | 1.00 | 8.00 | 71.0 | 0.37 |
| Paving- Phase I | Surfacing Equipment | Diesel | Average | 1.00 | 8.00 | 399 | 0.30 |
| Paving- Phase I | Graders | Diesel | Average | 1.00 | 8.00 | 148 | 0.41 |
| Paving- Phase II | Paving Equipment | Diesel | Average | 1.00 | 8.00 | 89.0 | 0.36 |

| | | | | | | | |
|---------------------------------|---------------------|--------|---------|------|------|------|------|
| Paving- Phase II | Rollers | Diesel | Average | 1.00 | 8.00 | 36.0 | 0.38 |
| Paving- Phase II | Skid Steer Loaders | Diesel | Average | 1.00 | 8.00 | 71.0 | 0.37 |
| Paving- Phase II | Surfacing Equipment | Diesel | Average | 1.00 | 8.00 | 399 | 0.30 |
| Paving- Phase II | Graders | Diesel | Average | 1.00 | 8.00 | 148 | 0.41 |
| Paving- Phase III | Paving Equipment | Diesel | Average | 1.00 | 8.00 | 89.0 | 0.36 |
| Paving- Phase III | Rollers | Diesel | Average | 1.00 | 8.00 | 36.0 | 0.38 |
| Paving- Phase III | Surfacing Equipment | Diesel | Average | 1.00 | 8.00 | 399 | 0.30 |
| Paving- Phase III | Skid Steer Loaders | Diesel | Average | 1.00 | 8.00 | 71.0 | 0.37 |
| Paving- Phase III | Graders | Diesel | Average | 1.00 | 8.00 | 148 | 0.41 |
| Architectural Coating-Phase I | Air Compressors | Diesel | Average | 1.00 | 6.00 | 37.0 | 0.48 |
| Architectural Coating-Phase II | Air Compressors | Diesel | Average | 1.00 | 6.00 | 37.0 | 0.48 |
| Architectural Coating-Phase III | Air Compressors | Diesel | Average | 1.00 | 6.00 | 37.0 | 0.48 |

5.2.2. Mitigated

| Phase Name | Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|----------------------------|---------------------------|-----------|-------------|----------------|---------------|------------|-------------|
| Demolition | Concrete/Industrial Saws | Diesel | Average | 1.00 | 8.00 | 33.0 | 0.73 |
| Demolition | Excavators | Diesel | Average | 3.00 | 8.00 | 36.0 | 0.38 |
| Demolition | Rubber Tired Dozers | Diesel | Average | 2.00 | 8.00 | 367 | 0.40 |
| Site Preparation - Phase I | Tractors/Loaders/Backhoes | Diesel | Average | 3.00 | 8.00 | 84.0 | 0.37 |
| Site Preparation - Phase I | Crawler Tractors | Diesel | Average | 3.00 | 8.00 | 87.0 | 0.43 |
| Site Preparation - Phase I | Excavators | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Site Preparation - Phase I | Graders | Diesel | Average | 2.00 | 8.00 | 148 | 0.41 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | |
|-----------------------------|---------------------------|--------|---------|------|------|------|------|
| Site Preparation - Phase I | Off-Highway Trucks | Diesel | Average | 2.00 | 8.00 | 376 | 0.38 |
| Site Preparation- Phase II | Tractors/Loaders/Backhoes | Diesel | Average | 3.00 | 8.00 | 84.0 | 0.37 |
| Site Preparation- Phase II | Crawler Tractors | Diesel | Average | 3.00 | 8.00 | 87.0 | 0.43 |
| Site Preparation- Phase II | Excavators | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Site Preparation- Phase II | Graders | Diesel | Average | 2.00 | 8.00 | 148 | 0.41 |
| Site Preparation- Phase II | Off-Highway Trucks | Diesel | Average | 2.00 | 8.00 | 376 | 0.38 |
| Site Preparation- Phase III | Tractors/Loaders/Backhoes | Diesel | Average | 3.00 | 8.00 | 84.0 | 0.37 |
| Site Preparation- Phase III | Crawler Tractors | Diesel | Average | 3.00 | 8.00 | 87.0 | 0.43 |
| Site Preparation- Phase III | Excavators | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Site Preparation- Phase III | Graders | Diesel | Average | 2.00 | 8.00 | 148 | 0.41 |
| Site Preparation- Phase III | Off-Highway Trucks | Diesel | Average | 2.00 | 8.00 | 376 | 0.38 |
| Grading- Phase I | Graders | Diesel | Average | 2.00 | 8.00 | 148 | 0.41 |
| Grading- Phase I | Excavators | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Grading- Phase I | Tractors/Loaders/Backhoes | Diesel | Average | 1.00 | 8.00 | 84.0 | 0.37 |
| Grading- Phase I | Rubber Tired Dozers | Diesel | Average | 2.00 | 8.00 | 367 | 0.40 |
| Grading- Phase I | Crawler Tractors | Diesel | Average | 2.00 | 8.00 | 87.0 | 0.43 |
| Grading- Phase I | Rubber Tired Loaders | Diesel | Average | 4.00 | 8.00 | 150 | 0.36 |
| Grading- Phase I | Off-Highway Trucks | Diesel | Average | 2.00 | 8.00 | 376 | 0.38 |
| Grading- Phase I | Rollers | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Grading- Phase I | Scrapers | Diesel | Average | 2.00 | 8.00 | 423 | 0.48 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | |
|-------------------------------|---------------------------|--------|---------|------|------|------|------|
| Grading- Phase II | Graders | Diesel | Average | 2.00 | 8.00 | 148 | 0.41 |
| Grading- Phase II | Excavators | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Grading- Phase II | Tractors/Loaders/Backhoes | Diesel | Average | 1.00 | 8.00 | 84.0 | 0.37 |
| Grading- Phase II | Rubber Tired Dozers | Diesel | Average | 2.00 | 8.00 | 367 | 0.40 |
| Grading- Phase II | Crawler Tractors | Diesel | Average | 2.00 | 8.00 | 87.0 | 0.43 |
| Grading- Phase II | Rubber Tired Loaders | Diesel | Average | 4.00 | 8.00 | 150 | 0.36 |
| Grading- Phase II | Off-Highway Trucks | Diesel | Average | 2.00 | 8.00 | 376 | 0.38 |
| Grading- Phase II | Scrapers | Diesel | Average | 2.00 | 8.00 | 423 | 0.48 |
| Grading- Phase II | Rollers | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Grading- Phase III | Graders | Diesel | Average | 2.00 | 8.00 | 148 | 0.41 |
| Grading- Phase III | Excavators | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Grading- Phase III | Tractors/Loaders/Backhoes | Diesel | Average | 1.00 | 8.00 | 84.0 | 0.37 |
| Grading- Phase III | Rubber Tired Dozers | Diesel | Average | 2.00 | 8.00 | 367 | 0.40 |
| Grading- Phase III | Crawler Tractors | Diesel | Average | 2.00 | 8.00 | 87.0 | 0.43 |
| Grading- Phase III | Rubber Tired Loaders | Diesel | Average | 4.00 | 8.00 | 150 | 0.36 |
| Grading- Phase III | Off-Highway Trucks | Diesel | Average | 2.00 | 8.00 | 376 | 0.38 |
| Grading- Phase III | Rollers | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Grading- Phase III | Scrapers | Diesel | Average | 2.00 | 8.00 | 423 | 0.48 |
| Building Construction-Phase I | Generator Sets | Diesel | Average | 1.00 | 8.00 | 14.0 | 0.74 |
| Building Construction-Phase I | Cranes | Diesel | Average | 1.00 | 7.00 | 367 | 0.29 |
| Building Construction-Phase I | Tractors/Loaders/Backhoes | Diesel | Average | 3.00 | 7.00 | 84.0 | 0.37 |
| Building Construction-Phase I | Bore/Drill Rigs | Diesel | Average | 1.00 | 8.00 | 83.0 | 0.50 |
| Building Construction-Phase I | Air Compressors | Diesel | Average | 1.00 | 8.00 | 37.0 | 0.48 |

Ararat Homes Residential Care and Nursing Facility Project Detailed Report, 10/5/2023

| | | | | | | | |
|---------------------------------|---------------------------|--------|---------|------|------|------|------|
| Building Construction-Phase I | Rubber Tired Loaders | Diesel | Average | 2.00 | 8.00 | 150 | 0.36 |
| Building Construction-Phase I | Off-Highway Trucks | Diesel | Average | 1.00 | 8.00 | 376 | 0.38 |
| Building Construction-Phase I | Trenchers | Diesel | Average | 1.00 | 8.00 | 40.0 | 0.50 |
| Building Construction-Phase II | Generator Sets | Diesel | Average | 1.00 | 8.00 | 14.0 | 0.74 |
| Building Construction-Phase II | Cranes | Diesel | Average | 1.00 | 7.00 | 367 | 0.29 |
| Building Construction-Phase II | Tractors/Loaders/Backhoes | Diesel | Average | 3.00 | 7.00 | 84.0 | 0.37 |
| Building Construction-Phase II | Bore/Drill Rigs | Diesel | Average | 1.00 | 8.00 | 83.0 | 0.50 |
| Building Construction-Phase II | Air Compressors | Diesel | Average | 1.00 | 8.00 | 37.0 | 0.48 |
| Building Construction-Phase II | Rubber Tired Loaders | Diesel | Average | 2.00 | 8.00 | 150 | 0.36 |
| Building Construction-Phase II | Off-Highway Trucks | Diesel | Average | 1.00 | 8.00 | 376 | 0.38 |
| Building Construction-Phase II | Trenchers | Diesel | Average | 1.00 | 8.00 | 40.0 | 0.50 |
| Building Construction-Phase III | Generator Sets | Diesel | Average | 1.00 | 8.00 | 14.0 | 0.74 |
| Building Construction-Phase III | Cranes | Diesel | Average | 1.00 | 7.00 | 367 | 0.29 |
| Building Construction-Phase III | Tractors/Loaders/Backhoes | Diesel | Average | 3.00 | 7.00 | 84.0 | 0.37 |
| Building Construction-Phase III | Bore/Drill Rigs | Diesel | Average | 1.00 | 8.00 | 83.0 | 0.50 |
| Building Construction-Phase III | Air Compressors | Diesel | Average | 1.00 | 8.00 | 37.0 | 0.48 |
| Building Construction-Phase III | Rubber Tired Loaders | Diesel | Average | 2.00 | 8.00 | 150 | 0.36 |

| | | | | | | | |
|---------------------------------|---------------------|--------|---------|------|------|------|------|
| Building Construction-Phase III | Trenchers | Diesel | Average | 1.00 | 8.00 | 40.0 | 0.50 |
| Building Construction-Phase III | Off-Highway Trucks | Diesel | Average | 1.00 | 8.00 | 376 | 0.38 |
| Paving- Phase I | Paving Equipment | Diesel | Average | 1.00 | 8.00 | 89.0 | 0.36 |
| Paving- Phase I | Rollers | Diesel | Average | 1.00 | 8.00 | 36.0 | 0.38 |
| Paving- Phase I | Skid Steer Loaders | Diesel | Average | 1.00 | 8.00 | 71.0 | 0.37 |
| Paving- Phase I | Surfacing Equipment | Diesel | Average | 1.00 | 8.00 | 399 | 0.30 |
| Paving- Phase I | Graders | Diesel | Average | 1.00 | 8.00 | 148 | 0.41 |
| Paving- Phase II | Paving Equipment | Diesel | Average | 1.00 | 8.00 | 89.0 | 0.36 |
| Paving- Phase II | Rollers | Diesel | Average | 1.00 | 8.00 | 36.0 | 0.38 |
| Paving- Phase II | Skid Steer Loaders | Diesel | Average | 1.00 | 8.00 | 71.0 | 0.37 |
| Paving- Phase II | Surfacing Equipment | Diesel | Average | 1.00 | 8.00 | 399 | 0.30 |
| Paving- Phase II | Graders | Diesel | Average | 1.00 | 8.00 | 148 | 0.41 |
| Paving- Phase III | Paving Equipment | Diesel | Average | 1.00 | 8.00 | 89.0 | 0.36 |
| Paving- Phase III | Rollers | Diesel | Average | 1.00 | 8.00 | 36.0 | 0.38 |
| Paving- Phase III | Surfacing Equipment | Diesel | Average | 1.00 | 8.00 | 399 | 0.30 |
| Paving- Phase III | Skid Steer Loaders | Diesel | Average | 1.00 | 8.00 | 71.0 | 0.37 |
| Paving- Phase III | Graders | Diesel | Average | 1.00 | 8.00 | 148 | 0.41 |
| Architectural Coating-Phase I | Air Compressors | Diesel | Average | 1.00 | 6.00 | 37.0 | 0.48 |
| Architectural Coating-Phase II | Air Compressors | Diesel | Average | 1.00 | 6.00 | 37.0 | 0.48 |
| Architectural Coating-Phase III | Air Compressors | Diesel | Average | 1.00 | 6.00 | 37.0 | 0.48 |

5.3. Construction Vehicles

5.3.1. Unmitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|--------------------------------|--------------|-----------------------|----------------|---------------|
| Site Preparation - Phase I | — | — | — | — |
| Site Preparation - Phase I | Worker | 30.0 | 18.5 | LDA,LDT1,LDT2 |
| Site Preparation - Phase I | Vendor | — | 10.2 | HHDT,MHDT |
| Site Preparation - Phase I | Hauling | 2.74 | 9.20 | HHDT |
| Site Preparation - Phase I | Onsite truck | — | — | HHDT |
| Grading- Phase I | — | — | — | — |
| Grading- Phase I | Worker | 47.5 | 18.5 | LDA,LDT1,LDT2 |
| Grading- Phase I | Vendor | — | 10.2 | HHDT,MHDT |
| Grading- Phase I | Hauling | 19.1 | 9.20 | HHDT |
| Grading- Phase I | Onsite truck | — | — | HHDT |
| Building Construction- Phase I | — | — | — | — |
| Building Construction- Phase I | Worker | 271 | 18.5 | LDA,LDT1,LDT2 |
| Building Construction- Phase I | Vendor | 51.3 | 10.2 | HHDT,MHDT |
| Building Construction- Phase I | Hauling | 0.00 | 20.0 | HHDT |
| Building Construction- Phase I | Onsite truck | — | — | HHDT |
| Paving- Phase I | — | — | — | — |
| Paving- Phase I | Worker | 12.5 | 18.5 | LDA,LDT1,LDT2 |
| Paving- Phase I | Vendor | — | 10.2 | HHDT,MHDT |
| Paving- Phase I | Hauling | 0.00 | 20.0 | HHDT |
| Paving- Phase I | Onsite truck | — | — | HHDT |
| Architectural Coating- Phase I | — | — | — | — |
| Architectural Coating- Phase I | Worker | 163 | 18.5 | LDA,LDT1,LDT2 |
| Architectural Coating- Phase I | Vendor | — | 10.2 | HHDT,MHDT |
| Architectural Coating- Phase I | Hauling | 0.00 | 20.0 | HHDT |
| Architectural Coating- Phase I | Onsite truck | — | — | HHDT |
| Site Preparation- Phase II | — | — | — | — |

| | | | | |
|----------------------------------|--------------|------|------|---------------|
| Site Preparation- Phase II | Worker | 30.0 | 18.5 | LDA,LDT1,LDT2 |
| Site Preparation- Phase II | Vendor | — | 10.2 | HHDT,MHDT |
| Site Preparation- Phase II | Hauling | 2.74 | 9.20 | HHDT |
| Site Preparation- Phase II | Onsite truck | — | — | HHDT |
| Site Preparation- Phase III | — | — | — | — |
| Site Preparation- Phase III | Worker | 30.0 | 18.5 | LDA,LDT1,LDT2 |
| Site Preparation- Phase III | Vendor | — | 10.2 | HHDT,MHDT |
| Site Preparation- Phase III | Hauling | 2.74 | 9.20 | HHDT |
| Site Preparation- Phase III | Onsite truck | — | — | HHDT |
| Grading- Phase II | — | — | — | — |
| Grading- Phase II | Worker | 47.5 | 18.5 | LDA,LDT1,LDT2 |
| Grading- Phase II | Vendor | — | 10.2 | HHDT,MHDT |
| Grading- Phase II | Hauling | 32.5 | 9.20 | HHDT |
| Grading- Phase II | Onsite truck | — | — | HHDT |
| Grading- Phase III | — | — | — | — |
| Grading- Phase III | Worker | 47.5 | 18.5 | LDA,LDT1,LDT2 |
| Grading- Phase III | Vendor | — | 10.2 | HHDT,MHDT |
| Grading- Phase III | Hauling | 31.6 | 9.20 | HHDT |
| Grading- Phase III | Onsite truck | — | — | HHDT |
| Building Construction- Phase II | — | — | — | — |
| Building Construction- Phase II | Worker | 271 | 18.5 | LDA,LDT1,LDT2 |
| Building Construction- Phase II | Vendor | 51.3 | 10.2 | HHDT,MHDT |
| Building Construction- Phase II | Hauling | 0.00 | 20.0 | HHDT |
| Building Construction- Phase II | Onsite truck | — | — | HHDT |
| Building Construction- Phase III | — | — | — | — |
| Building Construction- Phase III | Worker | 271 | 18.5 | LDA,LDT1,LDT2 |
| Building Construction- Phase III | Vendor | 51.3 | 10.2 | HHDT,MHDT |

| | | | | |
|----------------------------------|--------------|------|------|---------------|
| Building Construction- Phase III | Hauling | 0.00 | 20.0 | HHDT |
| Building Construction- Phase III | Onsite truck | — | — | HHDT |
| Paving- Phase II | — | — | — | — |
| Paving- Phase II | Worker | 12.5 | 18.5 | LDA,LDT1,LDT2 |
| Paving- Phase II | Vendor | — | 10.2 | HHDT,MHDT |
| Paving- Phase II | Hauling | 0.00 | 20.0 | HHDT |
| Paving- Phase II | Onsite truck | — | — | HHDT |
| Paving- Phase III | — | — | — | — |
| Paving- Phase III | Worker | 12.5 | 18.5 | LDA,LDT1,LDT2 |
| Paving- Phase III | Vendor | — | 10.2 | HHDT,MHDT |
| Paving- Phase III | Hauling | 0.00 | 20.0 | HHDT |
| Paving- Phase III | Onsite truck | — | — | HHDT |
| Architectural Coating- Phase II | — | — | — | — |
| Architectural Coating- Phase II | Worker | 163 | 18.5 | LDA,LDT1,LDT2 |
| Architectural Coating- Phase II | Vendor | — | 10.2 | HHDT,MHDT |
| Architectural Coating- Phase II | Hauling | 0.00 | 20.0 | HHDT |
| Architectural Coating- Phase II | Onsite truck | — | — | HHDT |
| Architectural Coating- Phase III | — | — | — | — |
| Architectural Coating- Phase III | Worker | 163 | 18.5 | LDA,LDT1,LDT2 |
| Architectural Coating- Phase III | Vendor | — | 10.2 | HHDT,MHDT |
| Architectural Coating- Phase III | Hauling | 0.00 | 20.0 | HHDT |
| Architectural Coating- Phase III | Onsite truck | — | — | HHDT |
| Demolition | — | — | — | — |
| Demolition | Worker | 15.0 | 18.5 | LDA,LDT1,LDT2 |
| Demolition | Vendor | — | 10.2 | HHDT,MHDT |
| Demolition | Hauling | 0.80 | 9.20 | HHDT |
| Demolition | Onsite truck | — | — | HHDT |

5.3.2. Mitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|--------------------------------|--------------|-----------------------|----------------|---------------|
| Site Preparation - Phase I | — | — | — | — |
| Site Preparation - Phase I | Worker | 30.0 | 18.5 | LDA,LDT1,LDT2 |
| Site Preparation - Phase I | Vendor | — | 10.2 | HHDT,MHDT |
| Site Preparation - Phase I | Hauling | 2.74 | 9.20 | HHDT |
| Site Preparation - Phase I | Onsite truck | — | — | HHDT |
| Grading- Phase I | — | — | — | — |
| Grading- Phase I | Worker | 47.5 | 18.5 | LDA,LDT1,LDT2 |
| Grading- Phase I | Vendor | — | 10.2 | HHDT,MHDT |
| Grading- Phase I | Hauling | 19.1 | 9.20 | HHDT |
| Grading- Phase I | Onsite truck | — | — | HHDT |
| Building Construction- Phase I | — | — | — | — |
| Building Construction- Phase I | Worker | 271 | 18.5 | LDA,LDT1,LDT2 |
| Building Construction- Phase I | Vendor | 51.3 | 10.2 | HHDT,MHDT |
| Building Construction- Phase I | Hauling | 0.00 | 20.0 | HHDT |
| Building Construction- Phase I | Onsite truck | — | — | HHDT |
| Paving- Phase I | — | — | — | — |
| Paving- Phase I | Worker | 12.5 | 18.5 | LDA,LDT1,LDT2 |
| Paving- Phase I | Vendor | — | 10.2 | HHDT,MHDT |
| Paving- Phase I | Hauling | 0.00 | 20.0 | HHDT |
| Paving- Phase I | Onsite truck | — | — | HHDT |
| Architectural Coating- Phase I | — | — | — | — |
| Architectural Coating- Phase I | Worker | 163 | 18.5 | LDA,LDT1,LDT2 |
| Architectural Coating- Phase I | Vendor | — | 10.2 | HHDT,MHDT |
| Architectural Coating- Phase I | Hauling | 0.00 | 20.0 | HHDT |
| Architectural Coating- Phase I | Onsite truck | — | — | HHDT |

| | | | | |
|----------------------------------|--------------|------|------|---------------|
| Site Preparation- Phase II | — | — | — | — |
| Site Preparation- Phase II | Worker | 30.0 | 18.5 | LDA,LDT1,LDT2 |
| Site Preparation- Phase II | Vendor | — | 10.2 | HHDT,MHDT |
| Site Preparation- Phase II | Hauling | 2.74 | 9.20 | HHDT |
| Site Preparation- Phase II | Onsite truck | — | — | HHDT |
| Site Preparation- Phase III | — | — | — | — |
| Site Preparation- Phase III | Worker | 30.0 | 18.5 | LDA,LDT1,LDT2 |
| Site Preparation- Phase III | Vendor | — | 10.2 | HHDT,MHDT |
| Site Preparation- Phase III | Hauling | 2.74 | 9.20 | HHDT |
| Site Preparation- Phase III | Onsite truck | — | — | HHDT |
| Grading- Phase II | — | — | — | — |
| Grading- Phase II | Worker | 47.5 | 18.5 | LDA,LDT1,LDT2 |
| Grading- Phase II | Vendor | — | 10.2 | HHDT,MHDT |
| Grading- Phase II | Hauling | 32.5 | 9.20 | HHDT |
| Grading- Phase II | Onsite truck | — | — | HHDT |
| Grading- Phase III | — | — | — | — |
| Grading- Phase III | Worker | 47.5 | 18.5 | LDA,LDT1,LDT2 |
| Grading- Phase III | Vendor | — | 10.2 | HHDT,MHDT |
| Grading- Phase III | Hauling | 31.6 | 9.20 | HHDT |
| Grading- Phase III | Onsite truck | — | — | HHDT |
| Building Construction- Phase II | — | — | — | — |
| Building Construction- Phase II | Worker | 271 | 18.5 | LDA,LDT1,LDT2 |
| Building Construction- Phase II | Vendor | 51.3 | 10.2 | HHDT,MHDT |
| Building Construction- Phase II | Hauling | 0.00 | 20.0 | HHDT |
| Building Construction- Phase II | Onsite truck | — | — | HHDT |
| Building Construction- Phase III | — | — | — | — |
| Building Construction- Phase III | Worker | 271 | 18.5 | LDA,LDT1,LDT2 |

| | | | | |
|----------------------------------|--------------|------|------|---------------|
| Building Construction- Phase III | Vendor | 51.3 | 10.2 | HHDT,MHDT |
| Building Construction- Phase III | Hauling | 0.00 | 20.0 | HHDT |
| Building Construction- Phase III | Onsite truck | — | — | HHDT |
| Paving- Phase II | — | — | — | — |
| Paving- Phase II | Worker | 12.5 | 18.5 | LDA,LDT1,LDT2 |
| Paving- Phase II | Vendor | — | 10.2 | HHDT,MHDT |
| Paving- Phase II | Hauling | 0.00 | 20.0 | HHDT |
| Paving- Phase II | Onsite truck | — | — | HHDT |
| Paving- Phase III | — | — | — | — |
| Paving- Phase III | Worker | 12.5 | 18.5 | LDA,LDT1,LDT2 |
| Paving- Phase III | Vendor | — | 10.2 | HHDT,MHDT |
| Paving- Phase III | Hauling | 0.00 | 20.0 | HHDT |
| Paving- Phase III | Onsite truck | — | — | HHDT |
| Architectural Coating- Phase II | — | — | — | — |
| Architectural Coating- Phase II | Worker | 163 | 18.5 | LDA,LDT1,LDT2 |
| Architectural Coating- Phase II | Vendor | — | 10.2 | HHDT,MHDT |
| Architectural Coating- Phase II | Hauling | 0.00 | 20.0 | HHDT |
| Architectural Coating- Phase II | Onsite truck | — | — | HHDT |
| Architectural Coating- Phase III | — | — | — | — |
| Architectural Coating- Phase III | Worker | 163 | 18.5 | LDA,LDT1,LDT2 |
| Architectural Coating- Phase III | Vendor | — | 10.2 | HHDT,MHDT |
| Architectural Coating- Phase III | Hauling | 0.00 | 20.0 | HHDT |
| Architectural Coating- Phase III | Onsite truck | — | — | HHDT |
| Demolition | — | — | — | — |
| Demolition | Worker | 15.0 | 18.5 | LDA,LDT1,LDT2 |
| Demolition | Vendor | — | 10.2 | HHDT,MHDT |
| Demolition | Hauling | 0.80 | 9.20 | HHDT |

| | | | | |
|------------|--------------|---|---|------|
| Demolition | Onsite truck | — | — | HHDT |
|------------|--------------|---|---|------|

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

| Phase Name | Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|----------------------------------|--|--|--|--|-----------------------------|
| Architectural Coating- Phase I | 165,051 | 55,017 | 0.00 | 0.00 | 271 |
| Architectural Coating- Phase II | 183,390 | 61,130 | 0.00 | 0.00 | 301 |
| Architectural Coating- Phase III | 181,097 | 60,366 | 0.00 | 0.00 | 298 |

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

| Phase Name | Material Imported (Cubic Yards) | Material Exported (Cubic Yards) | Acres Graded (acres) | Material Demolished (Building Square Footage) | Acres Paved (acres) |
|-----------------------------|---------------------------------|---------------------------------|----------------------|---|---------------------|
| Demolition | 0.00 | 0.00 | 0.00 | 11,000 | — |
| Site Preparation - Phase I | 0.00 | 0.00 | 128 | 0.00 | — |
| Site Preparation- Phase II | 0.00 | 0.00 | 130 | 0.00 | — |
| Site Preparation- Phase III | 0.00 | 0.00 | 130 | 0.00 | — |
| Grading- Phase I | 0.00 | 20,000 | 655 | 0.00 | — |
| Grading- Phase II | 0.00 | 20,000 | 385 | 0.00 | — |
| Grading- Phase III | 0.00 | 20,000 | 395 | 0.00 | — |
| Paving- Phase I | 0.00 | 0.00 | 0.00 | 0.00 | 0.33 |
| Paving- Phase II | 0.00 | 0.00 | 0.00 | 0.00 | 0.33 |
| Paving- Phase III | 0.00 | 0.00 | 0.00 | 0.00 | 0.33 |

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

| Land Use | Area Paved (acres) | % Asphalt |
|-----------------------------------|--------------------|-----------|
| Apartments Mid Rise | — | 0% |
| Condo/Townhouse | — | 0% |
| Congregate Care (Assisted Living) | — | 0% |
| Enclosed Parking Structure | 0.00 | 100% |
| Parking Lot | 0.33 | 100% |

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

| Year | kWh per Year | CO2 | CH4 | N2O |
|------|--------------|-----|------|------|
| 2025 | 0.00 | 690 | 0.05 | 0.01 |
| 2026 | 0.00 | 690 | 0.05 | 0.01 |
| 2027 | 0.00 | 690 | 0.05 | 0.01 |
| 2028 | 0.00 | 690 | 0.05 | 0.01 |
| 2029 | 0.00 | 690 | 0.05 | 0.01 |
| 2030 | 0.00 | 690 | 0.05 | 0.01 |
| 2031 | 0.00 | 690 | 0.05 | 0.01 |
| 2024 | 0.00 | 690 | 0.05 | 0.01 |

5.9. Operational Mobile Sources

5.9.1. Unmitigated

| Land Use Type | Trips/Weekday | Trips/Saturday | Trips/Sunday | Trips/Year | VM/Weekday | VM/Saturday | VM/Sunday | VM/Year |
|---------------|---------------|----------------|--------------|------------|------------|-------------|-----------|---------|
|---------------|---------------|----------------|--------------|------------|------------|-------------|-----------|---------|

| | | | | | | | | |
|---------------------|-------|-------|-------|---------|--------|--------|--------|-----------|
| Total all Land Uses | 1,093 | 1,093 | 1,093 | 398,945 | 10,430 | 10,430 | 10,430 | 3,806,950 |
|---------------------|-------|-------|-------|---------|--------|--------|--------|-----------|

5.9.2. Mitigated

| Land Use Type | Trips/Weekday | Trips/Saturday | Trips/Sunday | Trips/Year | VMT/Weekday | VMT/Saturday | VMT/Sunday | VMT/Year |
|---------------------|---------------|----------------|--------------|------------|-------------|--------------|------------|-----------|
| Total all Land Uses | 1,093 | 1,093 | 1,093 | 398,945 | 10,430 | 10,430 | 10,430 | 3,806,950 |

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

| Hearth Type | Unmitigated (number) |
|---------------------------|----------------------|
| Apartments Mid Rise | — |
| Wood Fireplaces | 0 |
| Gas Fireplaces | 0 |
| Propane Fireplaces | 0 |
| Electric Fireplaces | 0 |
| No Fireplaces | 61 |
| Conventional Wood Stoves | 0 |
| Catalytic Wood Stoves | 0 |
| Non-Catalytic Wood Stoves | 0 |
| Pellet Wood Stoves | 0 |
| Condo/Townhouse | — |
| Wood Fireplaces | 0 |
| Gas Fireplaces | 0 |
| Propane Fireplaces | 0 |
| Electric Fireplaces | 0 |

| | |
|-----------------------------------|-----|
| No Fireplaces | 40 |
| Conventional Wood Stoves | 0 |
| Catalytic Wood Stoves | 0 |
| Non-Catalytic Wood Stoves | 0 |
| Pellet Wood Stoves | 0 |
| Congregate Care (Assisted Living) | — |
| Wood Fireplaces | 0 |
| Gas Fireplaces | 0 |
| Propane Fireplaces | 0 |
| Electric Fireplaces | 0 |
| No Fireplaces | 213 |
| Conventional Wood Stoves | 0 |
| Catalytic Wood Stoves | 0 |
| Non-Catalytic Wood Stoves | 0 |
| Pellet Wood Stoves | 0 |

5.10.1.2. Mitigated

| Hearth Type | Unmitigated (number) |
|---------------------------|----------------------|
| Apartments Mid Rise | — |
| Wood Fireplaces | 0 |
| Gas Fireplaces | 0 |
| Propane Fireplaces | 0 |
| Electric Fireplaces | 0 |
| No Fireplaces | 61 |
| Conventional Wood Stoves | 0 |
| Catalytic Wood Stoves | 0 |
| Non-Catalytic Wood Stoves | 0 |

| | |
|-----------------------------------|-----|
| Pellet Wood Stoves | 0 |
| Condo/Townhouse | — |
| Wood Fireplaces | 0 |
| Gas Fireplaces | 0 |
| Propane Fireplaces | 0 |
| Electric Fireplaces | 0 |
| No Fireplaces | 40 |
| Conventional Wood Stoves | 0 |
| Catalytic Wood Stoves | 0 |
| Non-Catalytic Wood Stoves | 0 |
| Pellet Wood Stoves | 0 |
| Congregate Care (Assisted Living) | — |
| Wood Fireplaces | 0 |
| Gas Fireplaces | 0 |
| Propane Fireplaces | 0 |
| Electric Fireplaces | 0 |
| No Fireplaces | 213 |
| Conventional Wood Stoves | 0 |
| Catalytic Wood Stoves | 0 |
| Non-Catalytic Wood Stoves | 0 |
| Pellet Wood Stoves | 0 |

5.10.2. Architectural Coatings

| Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|--|--|--|--|-----------------------------|
| 529537.5 | 176,513 | 0.00 | 0.00 | 870 |

5.10.3. Landscape Equipment

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

5.10.4. Landscape Equipment - Mitigated

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

| Land Use | Electricity (kWh/yr) | CO2 | CH4 | N2O | Natural Gas (kBTU/yr) |
|-----------------------------------|----------------------|-----|--------|--------|-----------------------|
| Apartments Mid Rise | 242,026 | 690 | 0.0489 | 0.0069 | 842,106 |
| Condo/Townhouse | 206,011 | 690 | 0.0489 | 0.0069 | 1,256,585 |
| Congregate Care (Assisted Living) | 845,106 | 690 | 0.0489 | 0.0069 | 2,940,467 |
| Enclosed Parking Structure | 378,155 | 690 | 0.0489 | 0.0069 | 0.00 |
| Parking Lot | 12,707 | 690 | 0.0489 | 0.0069 | 0.00 |

5.11.2. Mitigated

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

| Land Use | Electricity (kWh/yr) | CO2 | CH4 | N2O | Natural Gas (kBTU/yr) |
|---------------------|----------------------|-----|--------|--------|-----------------------|
| Apartments Mid Rise | 242,026 | 690 | 0.0489 | 0.0069 | 842,106 |
| Condo/Townhouse | 206,011 | 690 | 0.0489 | 0.0069 | 1,256,585 |

| | | | | | |
|-----------------------------------|---------|-----|--------|--------|-----------|
| Congregate Care (Assisted Living) | 845,106 | 690 | 0.0489 | 0.0069 | 2,940,467 |
| Enclosed Parking Structure | 378,155 | 690 | 0.0489 | 0.0069 | 0.00 |
| Parking Lot | 12,707 | 690 | 0.0489 | 0.0069 | 0.00 |

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

| Land Use | Indoor Water (gal/year) | Outdoor Water (gal/year) |
|-----------------------------------|-------------------------|--------------------------|
| Apartments Mid Rise | 2,273,702 | 5,745,065 |
| Condo/Townhouse | 1,490,952 | 0.00 |
| Congregate Care (Assisted Living) | 7,939,319 | 0.00 |
| Enclosed Parking Structure | 0.00 | 0.00 |
| Parking Lot | 0.00 | 0.00 |

5.12.2. Mitigated

| Land Use | Indoor Water (gal/year) | Outdoor Water (gal/year) |
|-----------------------------------|-------------------------|--------------------------|
| Apartments Mid Rise | 2,273,702 | 5,745,065 |
| Condo/Townhouse | 1,490,952 | 0.00 |
| Congregate Care (Assisted Living) | 7,939,319 | 0.00 |
| Enclosed Parking Structure | 0.00 | 0.00 |
| Parking Lot | 0.00 | 0.00 |

5.13. Operational Waste Generation

5.13.1. Unmitigated

| Land Use | Waste (ton/year) | Cogeneration (kWh/year) |
|----------|------------------|-------------------------|
|----------|------------------|-------------------------|

| | | |
|-----------------------------------|------|---|
| Apartments Mid Rise | 45.2 | — |
| Condo/Townhouse | 29.5 | — |
| Congregate Care (Assisted Living) | 575 | — |
| Enclosed Parking Structure | 0.00 | — |
| Parking Lot | 0.00 | — |

5.13.2. Mitigated

| Land Use | Waste (ton/year) | Cogeneration (kWh/year) |
|-----------------------------------|------------------|-------------------------|
| Apartments Mid Rise | 45.2 | — |
| Condo/Townhouse | 29.5 | — |
| Congregate Care (Assisted Living) | 575 | — |
| Enclosed Parking Structure | 0.00 | — |
| Parking Lot | 0.00 | — |

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

| Land Use Type | Equipment Type | Refrigerant | GWP | Quantity (kg) | Operations Leak Rate | Service Leak Rate | Times Serviced |
|---------------------|---|-------------|-------|---------------|----------------------|-------------------|----------------|
| Apartments Mid Rise | Average room A/C & Other residential A/C and heat pumps | R-410A | 2,088 | < 0.005 | 2.50 | 2.50 | 10.0 |
| Apartments Mid Rise | Household refrigerators and/or freezers | R-134a | 1,430 | 0.12 | 0.60 | 0.00 | 1.00 |
| Condo/Townhouse | Average room A/C & Other residential A/C and heat pumps | R-410A | 2,088 | < 0.005 | 2.50 | 2.50 | 10.0 |
| Condo/Townhouse | Household refrigerators and/or freezers | R-134a | 1,430 | 0.12 | 0.60 | 0.00 | 1.00 |

| | | | | | | | |
|-----------------------------------|---|--------|-------|---------|------|------|------|
| Congregate Care (Assisted Living) | Average room A/C & Other residential A/C and heat pumps | R-410A | 2,088 | < 0.005 | 2.50 | 2.50 | 10.0 |
| Congregate Care (Assisted Living) | Household refrigerators and/or freezers | R-134a | 1,430 | 0.22 | 0.60 | 0.00 | 1.00 |

5.14.2. Mitigated

| Land Use Type | Equipment Type | Refrigerant | GWP | Quantity (kg) | Operations Leak Rate | Service Leak Rate | Times Serviced |
|-----------------------------------|---|-------------|-------|---------------|----------------------|-------------------|----------------|
| Apartments Mid Rise | Average room A/C & Other residential A/C and heat pumps | R-410A | 2,088 | < 0.005 | 2.50 | 2.50 | 10.0 |
| Apartments Mid Rise | Household refrigerators and/or freezers | R-134a | 1,430 | 0.12 | 0.60 | 0.00 | 1.00 |
| Condo/Townhouse | Average room A/C & Other residential A/C and heat pumps | R-410A | 2,088 | < 0.005 | 2.50 | 2.50 | 10.0 |
| Condo/Townhouse | Household refrigerators and/or freezers | R-134a | 1,430 | 0.12 | 0.60 | 0.00 | 1.00 |
| Congregate Care (Assisted Living) | Average room A/C & Other residential A/C and heat pumps | R-410A | 2,088 | < 0.005 | 2.50 | 2.50 | 10.0 |
| Congregate Care (Assisted Living) | Household refrigerators and/or freezers | R-134a | 1,430 | 0.22 | 0.60 | 0.00 | 1.00 |

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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

5.15.2. Mitigated

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

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

| Equipment Type | Fuel Type | Number per Day | Hours per Day | Hours per Year | Horsepower | Load Factor |
|---------------------|-----------|----------------|---------------|----------------|------------|-------------|
| Emergency Generator | Diesel | 1.00 | 2.00 | 50.0 | 805 | 0.73 |

5.16.2. Process Boilers

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

5.17. User Defined

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

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

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

5.18.1.2. Mitigated

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

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

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

5.18.1.2. Mitigated

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

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

| Climate Hazard | Result for Project Location | Unit |
|------------------------------|-----------------------------|--|
| Temperature and Extreme Heat | 16.2 | annual days of extreme heat |
| Extreme Precipitation | 5.85 | annual days with precipitation above 20 mm |
| Sea Level Rise | 0.00 | meters of inundation depth |
| Wildfire | 0.00 | annual hectares burned |

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

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

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

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

6.2. Initial Climate Risk Scores

| Climate Hazard | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|------------------------------|----------------|-------------------|-------------------------|---------------------|
| Temperature and Extreme Heat | 2 | 0 | 0 | N/A |
| Extreme Precipitation | N/A | N/A | N/A | N/A |
| Sea Level Rise | 1 | 0 | 0 | N/A |
| Wildfire | 1 | 0 | 0 | N/A |
| Flooding | N/A | N/A | N/A | N/A |
| Drought | N/A | N/A | N/A | N/A |
| Snowpack Reduction | N/A | N/A | N/A | N/A |
| Air Quality Degradation | 0 | 0 | 0 | N/A |

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

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

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

6.3. Adjusted Climate Risk Scores

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

| | | | | |
|-------------------------|---|---|---|---|
| Air Quality Degradation | 1 | 1 | 1 | 2 |
|-------------------------|---|---|---|---|

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

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

| Indicator | Result for Project Census Tract |
|---------------------------------|---------------------------------|
| Exposure Indicators | — |
| AQ-Ozone | 97.0 |
| AQ-PM | 55.9 |
| AQ-DPM | 91.5 |
| Drinking Water | 83.1 |
| Lead Risk Housing | 49.1 |
| Pesticides | 0.00 |
| Toxic Releases | 55.8 |
| Traffic | 88.8 |
| Effect Indicators | — |
| CleanUp Sites | 0.00 |
| Groundwater | 0.00 |
| Haz Waste Facilities/Generators | 58.3 |
| Impaired Water Bodies | 0.00 |
| Solid Waste | 90.1 |

| | |
|---------------------------------|------|
| Sensitive Population | — |
| Asthma | 68.8 |
| Cardio-vascular | 57.1 |
| Low Birth Weights | 63.3 |
| Socioeconomic Factor Indicators | — |
| Education | 69.8 |
| Housing | 79.3 |
| Linguistic | 62.2 |
| Poverty | 48.9 |
| Unemployment | 45.8 |

7.2. Healthy Places Index Scores

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

| Indicator | Result for Project Census Tract |
|------------------------|---------------------------------|
| Economic | — |
| Above Poverty | 43.94969845 |
| Employed | 26.40831515 |
| Median HI | 41.8324137 |
| Education | — |
| Bachelor's or higher | 36.87925061 |
| High school enrollment | 100 |
| Preschool enrollment | 10.97138458 |
| Transportation | — |
| Auto Access | 35.49339151 |
| Active commuting | 70.58899012 |
| Social | — |
| 2-parent households | 88.93879122 |

| | |
|--|-------------|
| Voting | 18.49095342 |
| Neighborhood | — |
| Alcohol availability | 49.13383806 |
| Park access | 81.35506224 |
| Retail density | 69.02348261 |
| Supermarket access | 29.92429103 |
| Tree canopy | 47.28602592 |
| Housing | — |
| Homeownership | 83.48517901 |
| Housing habitability | 51.31528295 |
| Low-inc homeowner severe housing cost burden | 16.19402027 |
| Low-inc renter severe housing cost burden | 79.71256256 |
| Uncrowded housing | 37.99563711 |
| Health Outcomes | — |
| Insured adults | 49.23649429 |
| Arthritis | 4.9 |
| Asthma ER Admissions | 42.7 |
| High Blood Pressure | 10.4 |
| Cancer (excluding skin) | 5.1 |
| Asthma | 76.7 |
| Coronary Heart Disease | 2.2 |
| Chronic Obstructive Pulmonary Disease | 20.5 |
| Diagnosed Diabetes | 15.4 |
| Life Expectancy at Birth | 59.3 |
| Cognitively Disabled | 50.3 |
| Physically Disabled | 17.3 |
| Heart Attack ER Admissions | 90.5 |

| | |
|---------------------------------------|------|
| Mental Health Not Good | 62.3 |
| Chronic Kidney Disease | 2.7 |
| Obesity | 56.2 |
| Pedestrian Injuries | 94.0 |
| Physical Health Not Good | 32.1 |
| Stroke | 7.6 |
| Health Risk Behaviors | — |
| Binge Drinking | 90.4 |
| Current Smoker | 76.6 |
| No Leisure Time for Physical Activity | 36.0 |
| Climate Change Exposures | — |
| Wildfire Risk | 0.0 |
| SLR Inundation Area | 0.0 |
| Children | 53.3 |
| Elderly | 3.9 |
| English Speaking | 30.8 |
| Foreign-born | 74.8 |
| Outdoor Workers | 17.9 |
| Climate Change Adaptive Capacity | — |
| Impervious Surface Cover | 67.7 |
| Traffic Density | 89.7 |
| Traffic Access | 52.8 |
| Other Indices | — |
| Hardship | 59.2 |
| Other Decision Support | — |
| 2016 Voting | 34.2 |

7.3. Overall Health & Equity Scores

| Metric | Result for Project Census Tract |
|---|---------------------------------|
| CalEnviroScreen 4.0 Score for Project Location (a) | 78.0 |
| Healthy Places Index Score for Project Location (b) | 38.0 |
| Project Located in a Designated Disadvantaged Community (Senate Bill 535) | No |
| Project Located in a Low-Income Community (Assembly Bill 1550) | Yes |
| Project Located in a Community Air Protection Program Community (Assembly Bill 617) | No |

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

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

| Screen | Justification |
|---|--|
| Land Use | Based on applicant provided information |
| Construction: Construction Phases | Based on applicant provided schedule. Assumed Architectural coating would begin 3/4 into Building Construction |
| Construction: Off-Road Equipment | Based on applicant provided information |
| Construction: Architectural Coatings | Based on SCAQMD Rule 1113 |
| Operations: Hearths | No fireplaces based on applicant information and no woodstoves based on SCAQMD Rule 445 |
| Operations: Architectural Coatings | Based on SCAQMD Rule 1113 |
| Construction: Dust From Material Movement | Based on applicant provided information |

Construction: Trips and VMT

Approximately 34,000 sf of concrete would be removed off-site and spreadout to all site preparation phases. Debris and soil would be hauled to Sunshine Canyon Landfill, approx. 9.2 miles from the site