

APPENDIX E

AIR QUALITY – CALEEMOD OUTPUT FILES

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Village D Specific Plan - Phase I Construction - Madera County, Annual

**Village D Specific Plan - Phase I Construction
Madera County, Annual**

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-----------------------|----------|---------------|-------------|--------------------|------------|
| Elementary School | 700.00 | Student | 16.68 | 58,522.36 | 0 |
| Condo/Townhouse | 1,718.00 | Dwelling Unit | 169.79 | 1,718,000.00 | 4913 |
| Single Family Housing | 2,257.00 | Dwelling Unit | 295.91 | 4,062,600.00 | 6455 |
| Strip Mall | 651.00 | 1000sqft | 42.65 | 651,000.00 | 0 |
| City Park | 65.75 | Acre | 65.75 | 2,864,070.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|--------------------------------|--------------------------------|--------------------------------|-------|----------------------------------|-------|
| Urbanization | Rural | Wind Speed (m/s) | 2.9 | Precipitation Freq (Days) | 51 |
| Climate Zone | 3 | | | Operational Year | 2029 |
| Utility Company | Pacific Gas & Electric Company | | | | |
| CO2 Intensity (lb/MWhr) | 328.8 | CH4 Intensity (lb/MWhr) | 0.029 | N2O Intensity (lb/MWhr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - CO2 intensity based on 5-year average (PG&E 2015)

Land Use - Based on land use summary

Construction Phase - Assuming construction start in 2021 and operational by 2029

Vehicle Trips - Based on trip generation prepared for the proposed project

Construction Off-road Equipment Mitigation - Mitigation includes Tier 4 construction equipment and compliance with SJVAPCD Rule 9510

Mobile Land Use Mitigation -

Mobile Commute Mitigation -

Area Mitigation -

| Table Name | Column Name | Default Value | New Value |
|-------------------------|------------------------------|---------------|------------|
| tblAreaMitigation | UseLowVOCPaintParkingCheck | False | True |
| tblConstDustMitigation | WaterUnpavedRoadVehicleSpeed | 0 | 15 |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 3.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |

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| | | | |
|-------------------------|----------------------------|-----------|--------------|
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 4.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 9.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstructionPhase | NumDays | 660.00 | 2,085.00 |
| tblConstructionPhase | NumDays | 9,300.00 | 2,085.00 |
| tblConstructionPhase | NumDays | 930.00 | 260.00 |
| tblConstructionPhase | NumDays | 660.00 | 2,085.00 |
| tblConstructionPhase | NumDays | 360.00 | 260.00 |
| tblGrading | AcresOfGrading | 650.00 | 2,325.00 |
| tblLandUse | LotAcreage | 1.34 | 16.68 |
| tblLandUse | LotAcreage | 107.38 | 169.79 |
| tblLandUse | LotAcreage | 732.79 | 295.91 |
| tblLandUse | LotAcreage | 14.94 | 42.65 |

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| | | | |
|---------------------------|--------------------|--------|-------|
| tblProjectCharacteristics | CO2IntensityFactor | 641.35 | 328.8 |
| tblProjectCharacteristics | UrbanizationLevel | Urban | Rural |
| tblVehicleTrips | ST_TR | 5.67 | 0.00 |
| tblVehicleTrips | ST_TR | 9.91 | 13.85 |
| tblVehicleTrips | ST_TR | 42.04 | 0.00 |
| tblVehicleTrips | ST_TR | 22.75 | 0.00 |
| tblVehicleTrips | SU_TR | 4.84 | 0.00 |
| tblVehicleTrips | SU_TR | 8.62 | 13.85 |
| tblVehicleTrips | SU_TR | 20.43 | 0.00 |
| tblVehicleTrips | SU_TR | 16.74 | 0.00 |
| tblVehicleTrips | WD_TR | 5.81 | 0.00 |
| tblVehicleTrips | WD_TR | 1.29 | 0.00 |
| tblVehicleTrips | WD_TR | 9.52 | 13.85 |
| tblVehicleTrips | WD_TR | 44.32 | 0.00 |
| tblVehicleTrips | WD_TR | 1.89 | 0.00 |

2.0 Emissions Summary

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2.1 Overall Construction

Unmitigated Construction

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2021 | 1.0791 | 11.3161 | 6.9771 | 0.0136 | 4.4255 | 0.5243 | 4.9498 | 1.8707 | 0.4824 | 2.3531 | 0.0000 | 1,197.1795 | 1,197.1795 | 0.3712 | 0.0000 | 1,206.4606 |
| 2022 | 11.1305 | 18.5809 | 28.6469 | 0.1047 | 7.5434 | 0.2732 | 7.8166 | 2.0234 | 0.2557 | 2.2791 | 0.0000 | 9,596.3204 | 9,596.3204 | 0.5861 | 0.0000 | 9,610.9720 |
| 2023 | 10.7672 | 15.1373 | 26.2806 | 0.1015 | 7.5434 | 0.2237 | 7.7671 | 2.0234 | 0.2088 | 2.2322 | 0.0000 | 9,301.3887 | 9,301.3887 | 0.4890 | 0.0000 | 9,313.6148 |
| 2024 | 10.6414 | 14.7898 | 25.0765 | 0.1008 | 7.6014 | 0.2079 | 7.8093 | 2.0390 | 0.1939 | 2.2328 | 0.0000 | 9,240.9213 | 9,240.9213 | 0.4901 | 0.0000 | 9,253.1736 |
| 2025 | 10.4000 | 14.2383 | 23.3278 | 0.0978 | 7.5724 | 0.1869 | 7.7593 | 2.0312 | 0.1743 | 2.2054 | 0.0000 | 8,964.2461 | 8,964.2461 | 0.4848 | 0.0000 | 8,976.3654 |
| 2026 | 10.2631 | 14.0375 | 22.3276 | 0.0969 | 7.5724 | 0.1875 | 7.7599 | 2.0312 | 0.1748 | 2.2060 | 0.0000 | 8,884.5472 | 8,884.5472 | 0.4810 | 0.0000 | 8,896.5711 |
| 2027 | 10.1183 | 13.8345 | 21.1184 | 0.0947 | 7.5724 | 0.1849 | 7.7573 | 2.0312 | 0.1724 | 2.2035 | 0.0000 | 8,689.3461 | 8,689.3461 | 0.4705 | 0.0000 | 8,701.1074 |
| 2028 | 9.9262 | 13.6117 | 19.9726 | 0.0925 | 7.5434 | 0.1808 | 7.7242 | 2.0234 | 0.1686 | 2.1920 | 0.0000 | 8,485.6984 | 8,485.6984 | 0.4591 | 0.0000 | 8,497.1763 |
| 2029 | 9.7724 | 13.4520 | 18.9875 | 0.0908 | 7.5434 | 0.1778 | 7.7211 | 2.0234 | 0.1658 | 2.1892 | 0.0000 | 8,335.3015 | 8,335.3015 | 0.4491 | 0.0000 | 8,346.5277 |
| Maximum | 11.1305 | 18.5809 | 28.6469 | 0.1047 | 7.6014 | 0.5243 | 7.8166 | 2.0390 | 0.4824 | 2.3531 | 0.0000 | 9,596.3204 | 9,596.3204 | 0.5861 | 0.0000 | 9,610.9720 |

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2.1 Overall Construction

Mitigated Construction

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2021 | 0.1718 | 0.6392 | 6.1970 | 0.0136 | 2.0251 | 0.0195 | 2.0447 | 0.8508 | 0.0195 | 0.8703 | 0.0000 | 1,079.1990 | 1,079.1990 | 0.3331 | 0.0000 | 1,087.5261 |
| 2022 | 10.7882 | 15.1356 | 27.4361 | 0.1047 | 7.5434 | 0.0902 | 7.6336 | 2.0234 | 0.0848 | 2.1082 | 0.0000 | 9,355.1414 | 9,355.1414 | 0.5419 | 0.0000 | 9,368.6889 |
| 2023 | 10.4530 | 11.9871 | 25.0852 | 0.1015 | 7.5434 | 0.0638 | 7.6072 | 2.0234 | 0.0596 | 2.0830 | 0.0000 | 9,060.2109 | 9,060.2109 | 0.4456 | 0.0000 | 9,071.3501 |
| 2024 | 10.3453 | 11.8371 | 23.8767 | 0.1008 | 7.6014 | 0.0648 | 7.6662 | 2.0390 | 0.0605 | 2.0995 | 0.0000 | 8,997.8895 | 8,997.8895 | 0.4468 | 0.0000 | 9,009.0604 |
| 2025 | 10.1294 | 11.5566 | 22.1496 | 0.0978 | 7.5724 | 0.0633 | 7.6357 | 2.0312 | 0.0592 | 2.0903 | 0.0000 | 8,722.1400 | 8,722.1400 | 0.4422 | 0.0000 | 8,733.1942 |
| 2026 | 9.9926 | 11.3558 | 21.1494 | 0.0969 | 7.5724 | 0.0639 | 7.6363 | 2.0312 | 0.0597 | 2.0908 | 0.0000 | 8,642.4411 | 8,642.4411 | 0.4384 | 0.0000 | 8,653.3999 |
| 2027 | 9.8478 | 11.1528 | 19.9402 | 0.0947 | 7.5724 | 0.0613 | 7.6337 | 2.0312 | 0.0572 | 2.0884 | 0.0000 | 8,447.2399 | 8,447.2399 | 0.4279 | 0.0000 | 8,457.9361 |
| 2028 | 9.6566 | 10.9403 | 18.7989 | 0.0925 | 7.5434 | 0.0577 | 7.6011 | 2.0234 | 0.0539 | 2.0773 | 0.0000 | 8,244.5199 | 8,244.5199 | 0.4167 | 0.0000 | 8,254.9368 |
| 2029 | 9.5029 | 10.7805 | 17.8138 | 0.0908 | 7.5434 | 0.0547 | 7.5980 | 2.0234 | 0.0511 | 2.0745 | 0.0000 | 8,094.1230 | 8,094.1230 | 0.4066 | 0.0000 | 8,104.2881 |
| Maximum | 10.7882 | 15.1356 | 27.4361 | 0.1047 | 7.6014 | 0.0902 | 7.6662 | 2.0390 | 0.0848 | 2.1082 | 0.0000 | 9,355.1414 | 9,355.1414 | 0.5419 | 0.0000 | 9,368.6889 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|-------------|--------------|-------------|-------------|---------------|--------------|-------------|----------------|---------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Percent Reduction | 3.82 | 26.06 | 5.33 | 0.00 | 3.70 | 74.88 | 5.98 | 5.64 | 74.68 | 12.50 | 0.00 | 2.82 | 2.82 | 8.92 | 0.00 | 2.83 |

| Quarter | Start Date | End Date | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|----------|--|--|
| 4 | 1-3-2021 | 4-2-2021 | 3.0317 | 0.1993 |

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|----|-----------|-----------|--------|--------|
| 5 | 4-3-2021 | 7-2-2021 | 3.0991 | 0.2031 |
| 6 | 7-3-2021 | 10-2-2021 | 3.1332 | 0.2053 |
| 7 | 10-3-2021 | 1-2-2022 | 3.0658 | 0.2016 |
| 8 | 1-3-2022 | 4-2-2022 | 7.4456 | 6.5091 |
| 9 | 4-3-2022 | 7-2-2022 | 7.4286 | 6.4818 |
| 10 | 7-3-2022 | 10-2-2022 | 7.5125 | 6.5552 |
| 11 | 10-3-2022 | 1-2-2023 | 7.5922 | 6.6367 |
| 12 | 1-3-2023 | 4-2-2023 | 6.4975 | 5.6409 |
| 13 | 4-3-2023 | 7-2-2023 | 6.4892 | 5.6231 |
| 14 | 7-3-2023 | 10-2-2023 | 6.5623 | 5.6867 |
| 15 | 10-3-2023 | 1-2-2024 | 6.6399 | 5.7656 |
| 16 | 1-3-2024 | 4-2-2024 | 6.3952 | 5.5892 |
| 17 | 4-3-2024 | 7-2-2024 | 6.3216 | 5.5156 |
| 18 | 7-3-2024 | 10-2-2024 | 6.3927 | 5.5779 |
| 19 | 10-3-2024 | 1-2-2025 | 6.4632 | 5.6499 |
| 20 | 1-3-2025 | 4-2-2025 | 6.1467 | 5.4196 |
| 21 | 4-3-2025 | 7-2-2025 | 6.1477 | 5.4125 |
| 22 | 7-3-2025 | 10-2-2025 | 6.2168 | 5.4735 |
| 23 | 10-3-2025 | 1-2-2026 | 6.2829 | 5.5396 |
| 24 | 1-3-2026 | 4-2-2026 | 6.0582 | 5.3311 |
| 25 | 4-3-2026 | 7-2-2026 | 6.0629 | 5.3277 |
| 26 | 7-3-2026 | 10-2-2026 | 6.1310 | 5.3876 |
| 27 | 10-3-2026 | 1-2-2027 | 6.1923 | 5.4490 |
| 28 | 1-3-2027 | 4-2-2027 | 5.9673 | 5.2401 |
| 29 | 4-3-2027 | 7-2-2027 | 5.9755 | 5.2403 |
| 30 | 7-3-2027 | 10-2-2027 | 6.0425 | 5.2992 |
| 31 | 10-3-2027 | 1-2-2028 | 6.0993 | 5.3560 |

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| | | | | |
|----|-----------|-----------|--------|--------|
| 32 | 1-3-2028 | 4-2-2028 | 5.9472 | 5.2120 |
| 33 | 4-3-2028 | 7-2-2028 | 5.8938 | 5.1586 |
| 34 | 7-3-2028 | 10-2-2028 | 5.9598 | 5.2164 |
| 35 | 10-3-2028 | 1-2-2029 | 6.0119 | 5.2686 |
| 36 | 1-3-2029 | 4-2-2029 | 5.7988 | 5.0717 |
| 37 | 4-3-2029 | 7-2-2029 | 5.8143 | 5.0791 |
| 38 | 7-3-2029 | 9-30-2029 | 5.7505 | 5.0233 |
| | | Highest | 7.5922 | 6.6367 |

2.2 Overall Operational
Unmitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|-----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|--------------------|--------------------|----------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 41.8443 | 3.2327 | 116.3229 | 0.2923 | | 14.3443 | 14.3443 | | 14.3443 | 14.3443 | 1,882.6961 | 1,770.2367 | 3,652.9327 | 8.8805 | 0.0316 | 3,884.3521 |
| Energy | 0.5301 | 4.5548 | 2.1096 | 0.0289 | | 0.3663 | 0.3663 | | 0.3663 | 0.3663 | 0.0000 | 10,459.0284 | 10,459.0284 | 0.5603 | 0.1913 | 10,530.0453 |
| Mobile | 8.8329 | 78.4402 | 100.2804 | 0.5715 | 43.9460 | 0.3394 | 44.2854 | 11.7958 | 0.3169 | 12.1126 | 0.0000 | 53,072.7759 | 53,072.7759 | 2.7947 | 0.0000 | 53,142.6442 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 797.9636 | 0.0000 | 797.9636 | 47.1583 | 0.0000 | 1,976.9210 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 98.0014 | 393.1142 | 491.1156 | 10.1004 | 0.2449 | 816.5889 |
| Total | 51.2073 | 86.2277 | 218.7129 | 0.8927 | 43.9460 | 15.0499 | 58.9959 | 11.7958 | 15.0274 | 26.8232 | 2,778.6611 | 65,695.1551 | 68,473.8162 | 69.4942 | 0.4677 | 70,350.5514 |

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2.2 Overall Operational

Mitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|-----------------|--------------------|--------------------|----------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 29.8682 | 0.2697 | 22.4169 | 1.0100e-003 | | 0.1220 | 0.1220 | | 0.1220 | 0.1220 | 0.0000 | 33.7501 | 33.7501 | 0.0242 | 0.0000 | 34.3552 |
| Energy | 0.4991 | 4.2887 | 1.9865 | 0.0272 | | 0.3449 | 0.3449 | | 0.3449 | 0.3449 | 0.0000 | 7,356.4977 | 7,356.4977 | 0.3078 | 0.1347 | 7,404.3233 |
| Mobile | 8.4029 | 75.5706 | 92.3543 | 0.5244 | 39.8214 | 0.3100 | 40.1314 | 10.6887 | 0.2895 | 10.9781 | 0.0000 | 48,709.8445 | 48,709.8445 | 2.6958 | 0.0000 | 48,777.2387 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 598.4727 | 0.0000 | 598.4727 | 35.3687 | 0.0000 | 1,482.6907 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 78.4012 | 314.4914 | 392.8925 | 8.0803 | 0.1959 | 653.2711 |
| Total | 38.7703 | 80.1290 | 116.7577 | 0.5526 | 39.8214 | 0.7769 | 40.5983 | 10.6887 | 0.7563 | 11.4450 | 676.8738 | 56,414.5837 | 57,091.4575 | 46.4768 | 0.3305 | 58,351.8790 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|--------------|-------------|--------------|--------------|---------------|--------------|--------------|----------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Percent Reduction | 24.29 | 7.07 | 46.62 | 38.09 | 9.39 | 94.84 | 31.18 | 9.39 | 94.97 | 57.33 | 75.64 | 14.13 | 16.62 | 33.12 | 29.33 | 17.06 |

3.0 Construction Detail

Construction Phase

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| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1 | Site Preparation | Site Preparation | 1/4/2021 | 12/31/2021 | 5 | 260 | |
| 2 | Grading | Grading | 1/4/2021 | 12/31/2021 | 5 | 260 | |
| 3 | Building Construction | Building Construction | 1/3/2022 | 12/28/2029 | 5 | 2085 | |
| 4 | Paving | Paving | 1/3/2022 | 12/28/2029 | 5 | 2085 | |
| 5 | Architectural Coating | Architectural Coating | 1/3/2022 | 12/28/2029 | 5 | 2085 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 2325

Acres of Paving: 0

Residential Indoor: 11,705,715; Residential Outdoor: 3,901,905; Non-Residential Indoor: 1,064,284; Non-Residential Outdoor: 354,761; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

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| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Site Preparation | Rubber Tired Dozers | 3 | 8.00 | 247 | 0.40 |
| Site Preparation | Tractors/Loaders/Backhoes | 4 | 8.00 | 97 | 0.37 |
| Grading | Excavators | 2 | 8.00 | 158 | 0.38 |
| Grading | Graders | 1 | 8.00 | 187 | 0.41 |
| Grading | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Grading | Scrapers | 2 | 8.00 | 367 | 0.48 |
| Grading | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Paving | Pavers | 2 | 8.00 | 130 | 0.42 |
| Paving | Paving Equipment | 2 | 8.00 | 132 | 0.36 |
| Paving | Rollers | 2 | 8.00 | 80 | 0.38 |
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |
| Building Construction | Cranes | 1 | 7.00 | 231 | 0.29 |
| Building Construction | Forklifts | 3 | 8.00 | 89 | 0.20 |
| Building Construction | Generator Sets | 1 | 8.00 | 84 | 0.74 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97 | 0.37 |
| Building Construction | Welders | 1 | 8.00 | 46 | 0.45 |

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 697.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 3,485.00 | 1,011.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |

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3.1 Mitigation Measures Construction

- Use Alternative Fuel for Construction Equipment
- Use Cleaner Engines for Construction Equipment
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3486 | 0.0000 | 2.3486 | 1.2910 | 0.0000 | 1.2910 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | | 0.2658 | 0.2658 | | 0.2445 | 0.2445 | 0.0000 | 434.6643 | 434.6643 | 0.1406 | 0.0000 | 438.1788 |
| Total | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | 2.3486 | 0.2658 | 2.6144 | 1.2910 | 0.2445 | 1.5355 | 0.0000 | 434.6643 | 434.6643 | 0.1406 | 0.0000 | 438.1788 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.2 Site Preparation - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |
| Total | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0569 | 0.0000 | 1.0569 | 0.5809 | 0.0000 | 0.5809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0605 | 0.2623 | 2.7130 | 4.9400e-003 | | 8.0700e-003 | 8.0700e-003 | | 8.0700e-003 | 8.0700e-003 | 0.0000 | 434.6638 | 434.6638 | 0.1406 | 0.0000 | 438.1783 |
| Total | 0.0605 | 0.2623 | 2.7130 | 4.9400e-003 | 1.0569 | 8.0700e-003 | 1.0650 | 0.5809 | 8.0700e-003 | 0.5890 | 0.0000 | 434.6638 | 434.6638 | 0.1406 | 0.0000 | 438.1783 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.2 Site Preparation - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |
| Total | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |

3.3 Grading - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.0157 | 0.0000 | 2.0157 | 0.5635 | 0.0000 | 0.5635 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | | 0.2581 | 0.2581 | | 0.2375 | 0.2375 | 0.0000 | 708.4348 | 708.4348 | 0.2291 | 0.0000 | 714.1628 |
| Total | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | 2.0157 | 0.2581 | 2.2738 | 0.5635 | 0.2375 | 0.8009 | 0.0000 | 708.4348 | 708.4348 | 0.2291 | 0.0000 | 714.1628 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.3 Grading - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |
| Total | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.9071 | 0.0000 | 0.9071 | 0.2536 | 0.0000 | 0.2536 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0825 | 0.3574 | 3.2712 | 8.0600e-003 | | 0.0110 | 0.0110 | | 0.0110 | 0.0110 | 0.0000 | 590.4548 | 590.4548 | 0.1910 | 0.0000 | 595.2289 |
| Total | 0.0825 | 0.3574 | 3.2712 | 8.0600e-003 | 0.9071 | 0.0110 | 0.9181 | 0.2536 | 0.0110 | 0.2646 | 0.0000 | 590.4548 | 590.4548 | 0.1910 | 0.0000 | 595.2289 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.3 Grading - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |
| Total | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |

3.4 Building Construction - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2428 | 301.2428 | 0.0722 | 0.0000 | 303.0471 |
| Total | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2428 | 301.2428 | 0.0722 | 0.0000 | 303.0471 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4146 | 13.0011 | 2.9062 | 0.0342 | 0.7859 | 0.0345 | 0.8205 | 0.2272 | 0.0330 | 0.2602 | 0.0000 | 3,244.5549 | 3,244.5549 | 0.2756 | 0.0000 | 3,251.4450 |
| Worker | 2.4439 | 1.5946 | 17.8379 | 0.0529 | 5.6111 | 0.0408 | 5.6518 | 1.4915 | 0.0375 | 1.5290 | 0.0000 | 4,780.3307 | 4,780.3307 | 0.1262 | 0.0000 | 4,783.4845 |
| Total | 2.8586 | 14.5957 | 20.7441 | 0.0871 | 6.3970 | 0.0753 | 6.4723 | 1.7187 | 0.0705 | 1.7892 | 0.0000 | 8,024.8856 | 8,024.8856 | 0.4018 | 0.0000 | 8,034.9295 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 3.5000e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 93.2565 | 93.2565 | 0.0302 | 0.0000 | 94.0105 |
| Total | 0.0130 | 0.0562 | 0.7992 | 3.5000e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 93.2565 | 93.2565 | 0.0302 | 0.0000 | 94.0105 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.4 Building Construction - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4146 | 13.0011 | 2.9062 | 0.0342 | 0.7859 | 0.0345 | 0.8205 | 0.2272 | 0.0330 | 0.2602 | 0.0000 | 3,244.5549 | 3,244.5549 | 0.2756 | 0.0000 | 3,251.4450 |
| Worker | 2.4439 | 1.5946 | 17.8379 | 0.0529 | 5.6111 | 0.0408 | 5.6518 | 1.4915 | 0.0375 | 1.5290 | 0.0000 | 4,780.3307 | 4,780.3307 | 0.1262 | 0.0000 | 4,783.4845 |
| Total | 2.8586 | 14.5957 | 20.7441 | 0.0871 | 6.3970 | 0.0753 | 6.4723 | 1.7187 | 0.0705 | 1.7892 | 0.0000 | 8,024.8856 | 8,024.8856 | 0.4018 | 0.0000 | 8,034.9295 |

3.4 Building Construction - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3462 | 301.3462 | 0.0717 | 0.0000 | 303.1383 |
| Total | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3462 | 301.3462 | 0.0717 | 0.0000 | 303.1383 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2912 | 10.0539 | 2.3967 | 0.0334 | 0.7859 | 9.5500e-003 | 0.7955 | 0.2272 | 9.1300e-003 | 0.2363 | 0.0000 | 3,167.1910 | 3,167.1910 | 0.1956 | 0.0000 | 3,172.0811 |
| Worker | 2.2681 | 1.4274 | 16.3089 | 0.0509 | 5.6111 | 0.0396 | 5.6506 | 1.4915 | 0.0364 | 1.5279 | 0.0000 | 4,599.5938 | 4,599.5938 | 0.1126 | 0.0000 | 4,602.4080 |
| Total | 2.5593 | 11.4813 | 18.7056 | 0.0843 | 6.3970 | 0.0491 | 6.4461 | 1.7187 | 0.0456 | 1.7642 | 0.0000 | 7,766.7848 | 7,766.7848 | 0.3082 | 0.0000 | 7,774.4891 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 3.5000e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 93.3610 | 93.3610 | 0.0302 | 0.0000 | 94.1158 |
| Total | 0.0130 | 0.0562 | 0.7992 | 3.5000e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 93.3610 | 93.3610 | 0.0302 | 0.0000 | 94.1158 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.4 Building Construction - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2912 | 10.0539 | 2.3967 | 0.0334 | 0.7859 | 9.5500e-003 | 0.7955 | 0.2272 | 9.1300e-003 | 0.2363 | 0.0000 | 3,167.1910 | 3,167.1910 | 0.1956 | 0.0000 | 3,172.0811 |
| Worker | 2.2681 | 1.4274 | 16.3089 | 0.0509 | 5.6111 | 0.0396 | 5.6506 | 1.4915 | 0.0364 | 1.5279 | 0.0000 | 4,599.5938 | 4,599.5938 | 0.1126 | 0.0000 | 4,602.4080 |
| Total | 2.5593 | 11.4813 | 18.7056 | 0.0843 | 6.3970 | 0.0491 | 6.4461 | 1.7187 | 0.0456 | 1.7642 | 0.0000 | 7,766.7848 | 7,766.7848 | 0.3082 | 0.0000 | 7,774.4891 |

3.4 Building Construction - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7223 | 303.7223 | 0.0718 | 0.0000 | 305.5179 |
| Total | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7223 | 303.7223 | 0.0718 | 0.0000 | 305.5179 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2793 | 10.0489 | 2.1986 | 0.0334 | 0.7920 | 9.4900e-003 | 0.8015 | 0.2290 | 9.0700e-003 | 0.2380 | 0.0000 | 3,166.6569 | 3,166.6569 | 0.2042 | 0.0000 | 3,171.7624 |
| Worker | 2.1412 | 1.3056 | 15.4504 | 0.0503 | 5.6542 | 0.0404 | 5.6946 | 1.5029 | 0.0372 | 1.5401 | 0.0000 | 4,545.9835 | 4,545.9835 | 0.1057 | 0.0000 | 4,548.6266 |
| Total | 2.4204 | 11.3546 | 17.6490 | 0.0836 | 6.4462 | 0.0499 | 6.4961 | 1.7319 | 0.0463 | 1.7782 | 0.0000 | 7,712.6404 | 7,712.6404 | 0.3099 | 0.0000 | 7,720.3889 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0131 | 0.0566 | 0.8054 | 3.5300e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 94.1385 | 94.1385 | 0.0305 | 0.0000 | 94.8996 |
| Total | 0.0131 | 0.0566 | 0.8054 | 3.5300e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 94.1385 | 94.1385 | 0.0305 | 0.0000 | 94.8996 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.4 Building Construction - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2793 | 10.0489 | 2.1986 | 0.0334 | 0.7920 | 9.4900e-003 | 0.8015 | 0.2290 | 9.0700e-003 | 0.2380 | 0.0000 | 3,166.6569 | 3,166.6569 | 0.2042 | 0.0000 | 3,171.7624 |
| Worker | 2.1412 | 1.3056 | 15.4504 | 0.0503 | 5.6542 | 0.0404 | 5.6946 | 1.5029 | 0.0372 | 1.5401 | 0.0000 | 4,545.9835 | 4,545.9835 | 0.1057 | 0.0000 | 4,548.6266 |
| Total | 2.4204 | 11.3546 | 17.6490 | 0.0836 | 6.4462 | 0.0499 | 6.4961 | 1.7319 | 0.0463 | 1.7782 | 0.0000 | 7,712.6404 | 7,712.6404 | 0.3099 | 0.0000 | 7,720.3889 |

3.4 Building Construction - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2662 | 9.9261 | 2.0075 | 0.0330 | 0.7890 | 9.3100e-003 | 0.7983 | 0.2281 | 8.8900e-003 | 0.2370 | 0.0000 | 3,131.9904 | 3,131.9904 | 0.2131 | 0.0000 | 3,137.3171 |
| Worker | 1.9965 | 1.1754 | 14.1848 | 0.0481 | 5.6327 | 0.0394 | 5.6720 | 1.4972 | 0.0362 | 1.5334 | 0.0000 | 4,346.9331 | 4,346.9331 | 0.0949 | 0.0000 | 4,349.3047 |
| Total | 2.2627 | 11.1015 | 16.1922 | 0.0811 | 6.4216 | 0.0487 | 6.4703 | 1.7253 | 0.0451 | 1.7704 | 0.0000 | 7,478.9235 | 7,478.9235 | 0.3079 | 0.0000 | 7,486.6218 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 3.5200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 93.8690 | 93.8690 | 0.0304 | 0.0000 | 94.6280 |
| Total | 0.0130 | 0.0564 | 0.8023 | 3.5200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 93.8690 | 93.8690 | 0.0304 | 0.0000 | 94.6280 |

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3.4 Building Construction - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2662 | 9.9261 | 2.0075 | 0.0330 | 0.7890 | 9.3100e-003 | 0.7983 | 0.2281 | 8.8900e-003 | 0.2370 | 0.0000 | 3,131.9904 | 3,131.9904 | 0.2131 | 0.0000 | 3,137.3171 |
| Worker | 1.9965 | 1.1754 | 14.1848 | 0.0481 | 5.6327 | 0.0394 | 5.6720 | 1.4972 | 0.0362 | 1.5334 | 0.0000 | 4,346.9331 | 4,346.9331 | 0.0949 | 0.0000 | 4,349.3047 |
| Total | 2.2627 | 11.1015 | 16.1922 | 0.0811 | 6.4216 | 0.0487 | 6.4703 | 1.7253 | 0.0451 | 1.7704 | 0.0000 | 7,478.9235 | 7,478.9235 | 0.3079 | 0.0000 | 7,486.6218 |

3.4 Building Construction - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.4 Building Construction - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2583 | 9.8357 | 1.9073 | 0.0328 | 0.7890 | 9.1800e-003 | 0.7982 | 0.2281 | 8.7800e-003 | 0.2369 | 0.0000 | 3,111.0546 | 3,111.0546 | 0.2151 | 0.0000 | 3,116.4310 |
| Worker | 1.8894 | 1.0836 | 13.4374 | 0.0475 | 5.6327 | 0.0400 | 5.6726 | 1.4972 | 0.0368 | 1.5340 | 0.0000 | 4,298.1388 | 4,298.1388 | 0.0901 | 0.0000 | 4,300.3901 |
| Total | 2.1477 | 10.9194 | 15.3447 | 0.0803 | 6.4216 | 0.0491 | 6.4708 | 1.7253 | 0.0455 | 1.7708 | 0.0000 | 7,409.1934 | 7,409.1934 | 0.3051 | 0.0000 | 7,416.8210 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 3.5200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 93.8690 | 93.8690 | 0.0304 | 0.0000 | 94.6280 |
| Total | 0.0130 | 0.0564 | 0.8023 | 3.5200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 93.8690 | 93.8690 | 0.0304 | 0.0000 | 94.6280 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.4 Building Construction - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2583 | 9.8357 | 1.9073 | 0.0328 | 0.7890 | 9.1800e-003 | 0.7982 | 0.2281 | 8.7800e-003 | 0.2369 | 0.0000 | 3,111.0546 | 3,111.0546 | 0.2151 | 0.0000 | 3,116.4310 |
| Worker | 1.8894 | 1.0836 | 13.4374 | 0.0475 | 5.6327 | 0.0400 | 5.6726 | 1.4972 | 0.0368 | 1.5340 | 0.0000 | 4,298.1388 | 4,298.1388 | 0.0901 | 0.0000 | 4,300.3901 |
| Total | 2.1477 | 10.9194 | 15.3447 | 0.0803 | 6.4216 | 0.0491 | 6.4708 | 1.7253 | 0.0455 | 1.7708 | 0.0000 | 7,409.1934 | 7,409.1934 | 0.3051 | 0.0000 | 7,416.8210 |

3.4 Building Construction - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

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3.4 Building Construction - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2517 | 9.7471 | 1.8247 | 0.0326 | 0.7890 | 9.0600e-003 | 0.7980 | 0.2281 | 8.6600e-003 | 0.2368 | 0.0000 | 3,092.9411 | 3,092.9411 | 0.2145 | 0.0000 | 3,098.3037 |
| Worker | 1.7747 | 0.9887 | 12.5019 | 0.0459 | 5.6327 | 0.0379 | 5.6705 | 1.4972 | 0.0348 | 1.5321 | 0.0000 | 4,151.0932 | 4,151.0932 | 0.0818 | 0.0000 | 4,153.1378 |
| Total | 2.0263 | 10.7358 | 14.3267 | 0.0785 | 6.4216 | 0.0469 | 6.4686 | 1.7253 | 0.0435 | 1.7688 | 0.0000 | 7,244.0343 | 7,244.0343 | 0.2963 | 0.0000 | 7,251.4415 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 3.5200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 93.8690 | 93.8690 | 0.0304 | 0.0000 | 94.6280 |
| Total | 0.0130 | 0.0564 | 0.8023 | 3.5200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 93.8690 | 93.8690 | 0.0304 | 0.0000 | 94.6280 |

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3.4 Building Construction - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2517 | 9.7471 | 1.8247 | 0.0326 | 0.7890 | 9.0600e-003 | 0.7980 | 0.2281 | 8.6600e-003 | 0.2368 | 0.0000 | 3,092.9411 | 3,092.9411 | 0.2145 | 0.0000 | 3,098.3037 |
| Worker | 1.7747 | 0.9887 | 12.5019 | 0.0459 | 5.6327 | 0.0379 | 5.6705 | 1.4972 | 0.0348 | 1.5321 | 0.0000 | 4,151.0932 | 4,151.0932 | 0.0818 | 0.0000 | 4,153.1378 |
| Total | 2.0263 | 10.7358 | 14.3267 | 0.0785 | 6.4216 | 0.0469 | 6.4686 | 1.7253 | 0.0435 | 1.7688 | 0.0000 | 7,244.0343 | 7,244.0343 | 0.2963 | 0.0000 | 7,251.4415 |

3.4 Building Construction - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4953 | 301.4953 | 0.0709 | 0.0000 | 303.2671 |
| Total | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4953 | 301.4953 | 0.0709 | 0.0000 | 303.2671 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.4 Building Construction - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2451 | 9.6423 | 1.7491 | 0.0323 | 0.7860 | 8.9400e-003 | 0.7949 | 0.2272 | 8.5400e-003 | 0.2358 | 0.0000 | 3,066.7679 | 3,066.7679 | 0.2128 | 0.0000 | 3,072.0872 |
| Worker | 1.6452 | 0.9000 | 11.6267 | 0.0443 | 5.6111 | 0.0350 | 5.6461 | 1.4915 | 0.0322 | 1.5237 | 0.0000 | 4,005.6264 | 4,005.6264 | 0.0743 | 0.0000 | 4,007.4841 |
| Total | 1.8902 | 10.5423 | 13.3758 | 0.0766 | 6.3970 | 0.0440 | 6.4410 | 1.7187 | 0.0408 | 1.7595 | 0.0000 | 7,072.3944 | 7,072.3944 | 0.2871 | 0.0000 | 7,079.5714 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 3.5000e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 93.5094 | 93.5094 | 0.0302 | 0.0000 | 94.2654 |
| Total | 0.0130 | 0.0562 | 0.7992 | 3.5000e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 93.5094 | 93.5094 | 0.0302 | 0.0000 | 94.2654 |

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3.4 Building Construction - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2451 | 9.6423 | 1.7491 | 0.0323 | 0.7860 | 8.9400e-003 | 0.7949 | 0.2272 | 8.5400e-003 | 0.2358 | 0.0000 | 3,066.7679 | 3,066.7679 | 0.2128 | 0.0000 | 3,072.0872 |
| Worker | 1.6452 | 0.9000 | 11.6267 | 0.0443 | 5.6111 | 0.0350 | 5.6461 | 1.4915 | 0.0322 | 1.5237 | 0.0000 | 4,005.6264 | 4,005.6264 | 0.0743 | 0.0000 | 4,007.4841 |
| Total | 1.8902 | 10.5423 | 13.3758 | 0.0766 | 6.3970 | 0.0440 | 6.4410 | 1.7187 | 0.0408 | 1.7595 | 0.0000 | 7,072.3944 | 7,072.3944 | 0.2871 | 0.0000 | 7,079.5714 |

3.4 Building Construction - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4953 | 301.4953 | 0.0709 | 0.0000 | 303.2671 |
| Total | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4953 | 301.4953 | 0.0709 | 0.0000 | 303.2671 |

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3.4 Building Construction - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2398 | 9.5749 | 1.6864 | 0.0322 | 0.7860 | 8.8400e-003 | 0.7948 | 0.2272 | 8.4500e-003 | 0.2357 | 0.0000 | 3,054.1533 | 3,054.1533 | 0.2107 | 0.0000 | 3,059.4196 |
| Worker | 1.5218 | 0.8233 | 10.8609 | 0.0430 | 5.6111 | 0.0326 | 5.6436 | 1.4915 | 0.0300 | 1.5214 | 0.0000 | 3,891.2182 | 3,891.2182 | 0.0677 | 0.0000 | 3,892.9110 |
| Total | 1.7616 | 10.3982 | 12.5473 | 0.0752 | 6.3970 | 0.0414 | 6.4384 | 1.7187 | 0.0384 | 1.7571 | 0.0000 | 6,945.3715 | 6,945.3715 | 0.2784 | 0.0000 | 6,952.3305 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 3.5000e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 93.5094 | 93.5094 | 0.0302 | 0.0000 | 94.2654 |
| Total | 0.0130 | 0.0562 | 0.7992 | 3.5000e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 93.5094 | 93.5094 | 0.0302 | 0.0000 | 94.2654 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.4 Building Construction - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2398 | 9.5749 | 1.6864 | 0.0322 | 0.7860 | 8.8400e-003 | 0.7948 | 0.2272 | 8.4500e-003 | 0.2357 | 0.0000 | 3,054.1533 | 3,054.1533 | 0.2107 | 0.0000 | 3,059.4196 |
| Worker | 1.5218 | 0.8233 | 10.8609 | 0.0430 | 5.6111 | 0.0326 | 5.6436 | 1.4915 | 0.0300 | 1.5214 | 0.0000 | 3,891.2182 | 3,891.2182 | 0.0677 | 0.0000 | 3,892.9110 |
| Total | 1.7616 | 10.3982 | 12.5473 | 0.0752 | 6.3970 | 0.0414 | 6.4384 | 1.7187 | 0.0384 | 1.7571 | 0.0000 | 6,945.3715 | 6,945.3715 | 0.2784 | 0.0000 | 6,952.3305 |

3.5 Paving - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3583 | 260.3583 | 0.0842 | 0.0000 | 262.4634 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3583 | 260.3583 | 0.0842 | 0.0000 | 262.4634 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.5 Paving - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |
| Total | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0365 | 0.1580 | 2.2484 | 2.9600e-003 | | 4.8600e-003 | 4.8600e-003 | | 4.8600e-003 | 4.8600e-003 | 0.0000 | 260.3579 | 260.3579 | 0.0842 | 0.0000 | 262.4631 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0365 | 0.1580 | 2.2484 | 2.9600e-003 | | 4.8600e-003 | 4.8600e-003 | | 4.8600e-003 | 4.8600e-003 | 0.0000 | 260.3579 | 260.3579 | 0.0842 | 0.0000 | 262.4631 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.5 Paving - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |
| Total | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |

3.5 Paving - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3493 | 260.3493 | 0.0842 | 0.0000 | 262.4543 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3493 | 260.3493 | 0.0842 | 0.0000 | 262.4543 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.5 Paving - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |
| Total | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0365 | 0.1580 | 2.2484 | 2.9600e-003 | | 4.8600e-003 | 4.8600e-003 | | 4.8600e-003 | 4.8600e-003 | 0.0000 | 260.3490 | 260.3490 | 0.0842 | 0.0000 | 262.4540 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0365 | 0.1580 | 2.2484 | 2.9600e-003 | | 4.8600e-003 | 4.8600e-003 | | 4.8600e-003 | 4.8600e-003 | 0.0000 | 260.3490 | 260.3490 | 0.0842 | 0.0000 | 262.4540 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.5 Paving - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |
| Total | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |

3.5 Paving - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3476 | 262.3476 | 0.0849 | 0.0000 | 264.4688 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3476 | 262.3476 | 0.0849 | 0.0000 | 264.4688 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.5 Paving - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |
| Total | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0367 | 0.1592 | 2.2657 | 2.9900e-003 | | 4.9000e-003 | 4.9000e-003 | | 4.9000e-003 | 4.9000e-003 | 0.0000 | 262.3473 | 262.3473 | 0.0849 | 0.0000 | 264.4685 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0367 | 0.1592 | 2.2657 | 2.9900e-003 | | 4.9000e-003 | 4.9000e-003 | | 4.9000e-003 | 4.9000e-003 | 0.0000 | 262.3473 | 262.3473 | 0.0849 | 0.0000 | 264.4685 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.5 Paving - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |
| Total | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |

3.5 Paving - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.5 Paving - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |
| Total | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0366 | 0.1586 | 2.2571 | 2.9800e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0366 | 0.1586 | 2.2571 | 2.9800e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.5 Paving - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |
| Total | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |

3.5 Paving - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.5 Paving - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |
| Total | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0366 | 0.1586 | 2.2571 | 2.9800e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0366 | 0.1586 | 2.2571 | 2.9800e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.5 Paving - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |
| Total | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |

3.5 Paving - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.5 Paving - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |
| Total | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0366 | 0.1586 | 2.2571 | 2.9800e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0366 | 0.1586 | 2.2571 | 2.9800e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.5 Paving - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |
| Total | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |

3.5 Paving - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2503 | 260.2503 | 0.0842 | 0.0000 | 262.3546 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2503 | 260.2503 | 0.0842 | 0.0000 | 262.3546 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.5 Paving - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |
| Total | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0365 | 0.1580 | 2.2484 | 2.9600e-003 | | 4.8600e-003 | 4.8600e-003 | | 4.8600e-003 | 4.8600e-003 | 0.0000 | 260.2500 | 260.2500 | 0.0842 | 0.0000 | 262.3543 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0365 | 0.1580 | 2.2484 | 2.9600e-003 | | 4.8600e-003 | 4.8600e-003 | | 4.8600e-003 | 4.8600e-003 | 0.0000 | 260.2500 | 260.2500 | 0.0842 | 0.0000 | 262.3543 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.5 Paving - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |
| Total | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |

3.5 Paving - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2503 | 260.2503 | 0.0842 | 0.0000 | 262.3546 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2503 | 260.2503 | 0.0842 | 0.0000 | 262.3546 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.5 Paving - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.5500e-003 | 3.5400e-003 | 0.0468 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0243 | 6.4200e-003 | 1.3000e-004 | 6.5500e-003 | 0.0000 | 16.7484 | 16.7484 | 2.9000e-004 | 0.0000 | 16.7557 |
| Total | 6.5500e-003 | 3.5400e-003 | 0.0468 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0243 | 6.4200e-003 | 1.3000e-004 | 6.5500e-003 | 0.0000 | 16.7484 | 16.7484 | 2.9000e-004 | 0.0000 | 16.7557 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0365 | 0.1580 | 2.2484 | 2.9600e-003 | | 4.8600e-003 | 4.8600e-003 | | 4.8600e-003 | 4.8600e-003 | 0.0000 | 260.2500 | 260.2500 | 0.0842 | 0.0000 | 262.3543 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0365 | 0.1580 | 2.2484 | 2.9600e-003 | | 4.8600e-003 | 4.8600e-003 | | 4.8600e-003 | 4.8600e-003 | 0.0000 | 260.2500 | 260.2500 | 0.0842 | 0.0000 | 262.3543 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

3.5 Paving - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.5500e-003 | 3.5400e-003 | 0.0468 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0243 | 6.4200e-003 | 1.3000e-004 | 6.5500e-003 | 0.0000 | 16.7484 | 16.7484 | 2.9000e-004 | 0.0000 | 16.7557 |
| Total | 6.5500e-003 | 3.5400e-003 | 0.0468 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0243 | 6.4200e-003 | 1.3000e-004 | 6.5500e-003 | 0.0000 | 16.7484 | 16.7484 | 2.9000e-004 | 0.0000 | 16.7557 |

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.3809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0266 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |
| Total | 7.4075 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |

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3.6 Architectural Coating - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4888 | 0.3189 | 3.5676 | 0.0106 | 1.1222 | 8.1500e-003 | 1.1304 | 0.2983 | 7.5000e-003 | 0.3058 | 0.0000 | 956.0661 | 956.0661 | 0.0252 | 0.0000 | 956.6969 |
| Total | 0.4888 | 0.3189 | 3.5676 | 0.0106 | 1.1222 | 8.1500e-003 | 1.1304 | 0.2983 | 7.5000e-003 | 0.3058 | 0.0000 | 956.0661 | 956.0661 | 0.0252 | 0.0000 | 956.6969 |

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.3809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0249 | 0.1694 | 0.2355 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |
| Total | 7.4058 | 0.1694 | 0.2355 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |

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3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4536 | 0.2855 | 3.2618 | 0.0102 | 1.1222 | 7.9100e-003 | 1.1301 | 0.2983 | 7.2900e-003 | 0.3056 | 0.0000 | 919.9188 | 919.9188 | 0.0225 | 0.0000 | 920.4816 |
| Total | 0.4536 | 0.2855 | 3.2618 | 0.0102 | 1.1222 | 7.9100e-003 | 1.1301 | 0.2983 | 7.2900e-003 | 0.3056 | 0.0000 | 919.9188 | 919.9188 | 0.0225 | 0.0000 | 920.4816 |

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.4377 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0237 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |
| Total | 7.4613 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |

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3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4282 | 0.2611 | 3.0901 | 0.0101 | 1.1309 | 8.0800e-003 | 1.1389 | 0.3006 | 7.4400e-003 | 0.3080 | 0.0000 | 909.1967 | 909.1967 | 0.0211 | 0.0000 | 909.7253 |
| Total | 0.4282 | 0.2611 | 3.0901 | 0.0101 | 1.1309 | 8.0800e-003 | 1.1389 | 0.3006 | 7.4400e-003 | 0.3080 | 0.0000 | 909.1967 | 909.1967 | 0.0211 | 0.0000 | 909.7253 |

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.4093 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 7.4316 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

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3.6 Architectural Coating - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3993 | 0.2351 | 2.8370 | 9.6100e-003 | 1.1265 | 7.8700e-003 | 1.1344 | 0.2994 | 7.2500e-003 | 0.3067 | 0.0000 | 869.3866 | 869.3866 | 0.0190 | 0.0000 | 869.8609 |
| Total | 0.3993 | 0.2351 | 2.8370 | 9.6100e-003 | 1.1265 | 7.8700e-003 | 1.1344 | 0.2994 | 7.2500e-003 | 0.3067 | 0.0000 | 869.3866 | 869.3866 | 0.0190 | 0.0000 | 869.8609 |

3.6 Architectural Coating - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.4093 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 7.4316 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

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3.6 Architectural Coating - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3779 | 0.2167 | 2.6875 | 9.5000e-003 | 1.1265 | 7.9900e-003 | 1.1345 | 0.2994 | 7.3500e-003 | 0.3068 | 0.0000 | 859.6278 | 859.6278 | 0.0180 | 0.0000 | 860.0780 |
| Total | 0.3779 | 0.2167 | 2.6875 | 9.5000e-003 | 1.1265 | 7.9900e-003 | 1.1345 | 0.2994 | 7.3500e-003 | 0.3068 | 0.0000 | 859.6278 | 859.6278 | 0.0180 | 0.0000 | 860.0780 |

3.6 Architectural Coating - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.4093 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 7.4316 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

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3.6 Architectural Coating - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3549 | 0.1977 | 2.5004 | 9.1700e-003 | 1.1265 | 7.5700e-003 | 1.1341 | 0.2994 | 6.9700e-003 | 0.3064 | 0.0000 | 830.2187 | 830.2187 | 0.0164 | 0.0000 | 830.6276 |
| Total | 0.3549 | 0.1977 | 2.5004 | 9.1700e-003 | 1.1265 | 7.5700e-003 | 1.1341 | 0.2994 | 6.9700e-003 | 0.3064 | 0.0000 | 830.2187 | 830.2187 | 0.0164 | 0.0000 | 830.6276 |

3.6 Architectural Coating - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.3809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0222 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2376 |
| Total | 7.4031 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2376 |

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3.6 Architectural Coating - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3290 | 0.1800 | 2.3253 | 8.8500e-003 | 1.1222 | 7.0100e-003 | 1.1292 | 0.2983 | 6.4500e-003 | 0.3047 | 0.0000 | 801.1253 | 801.1253 | 0.0149 | 0.0000 | 801.4968 |
| Total | 0.3290 | 0.1800 | 2.3253 | 8.8500e-003 | 1.1222 | 7.0100e-003 | 1.1292 | 0.2983 | 6.4500e-003 | 0.3047 | 0.0000 | 801.1253 | 801.1253 | 0.0149 | 0.0000 | 801.4968 |

3.6 Architectural Coating - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.3809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0222 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2376 |
| Total | 7.4031 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2376 |

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3.6 Architectural Coating - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3044 | 0.1647 | 2.1722 | 8.6000e-003 | 1.1222 | 6.5100e-003 | 1.1287 | 0.2983 | 5.9900e-003 | 0.3043 | 0.0000 | 778.2436 | 778.2436 | 0.0135 | 0.0000 | 778.5822 |
| Total | 0.3044 | 0.1647 | 2.1722 | 8.6000e-003 | 1.1222 | 6.5100e-003 | 1.1287 | 0.2983 | 5.9900e-003 | 0.3043 | 0.0000 | 778.2436 | 778.2436 | 0.0135 | 0.0000 | 778.5822 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Improve Pedestrian Network

Provide Traffic Calming Measures

Implement Trip Reduction Program

Transit Subsidy

Encourage Telecommuting and Alternative Work Schedules

Implement School Bus Program

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|---------|----------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|--------|--------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 8.4029 | 75.5706 | 92.3543 | 0.5244 | 39.8214 | 0.3100 | 40.1314 | 10.6887 | 0.2895 | 10.9781 | 0.0000 | 48,709.84 45 | 48,709.84 45 | 2.6958 | 0.0000 | 48,777.23 87 |
| Unmitigated | 8.8329 | 78.4402 | 100.2804 | 0.5715 | 43.9460 | 0.3394 | 44.2854 | 11.7958 | 0.3169 | 12.1126 | 0.0000 | 53,072.77 59 | 53,072.77 59 | 2.7947 | 0.0000 | 53,142.64 42 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|-----------------------|-------------------------|------------------|------------------|--------------------|--------------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Condo/Townhouse | 0.00 | 0.00 | 0.00 | | |
| Elementary School | 0.00 | 0.00 | 0.00 | | |
| Single Family Housing | 31,259.45 | 31,259.45 | 31,259.45 | 116,245,114 | 105,334,855 |
| Strip Mall | 0.00 | 0.00 | 0.00 | | |
| City Park | 0.00 | 0.00 | 0.00 | | |
| Total | 31,259.45 | 31,259.45 | 31,259.45 | 116,245,114 | 105,334,855 |

4.3 Trip Type Information

| Land Use | Miles | | | Trip % | | | Trip Purpose % | | |
|-----------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| Condo/Townhouse | 16.80 | 7.10 | 7.90 | 42.30 | 19.60 | 38.10 | 86 | 11 | 3 |
| Elementary School | 14.70 | 6.60 | 6.60 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| Single Family Housing | 16.80 | 7.10 | 7.90 | 42.30 | 19.60 | 38.10 | 86 | 11 | 3 |
| Strip Mall | 14.70 | 6.60 | 6.60 | 16.60 | 64.40 | 19.00 | 45 | 40 | 15 |
| City Park | 14.70 | 6.60 | 6.60 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |

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4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Condo/Townhouse | 0.567415 | 0.028873 | 0.167357 | 0.095651 | 0.012286 | 0.003962 | 0.013253 | 0.099167 | 0.002572 | 0.001517 | 0.006231 | 0.001122 | 0.000594 |
| Elementary School | 0.567415 | 0.028873 | 0.167357 | 0.095651 | 0.012286 | 0.003962 | 0.013253 | 0.099167 | 0.002572 | 0.001517 | 0.006231 | 0.001122 | 0.000594 |
| Single Family Housing | 0.567415 | 0.028873 | 0.167357 | 0.095651 | 0.012286 | 0.003962 | 0.013253 | 0.099167 | 0.002572 | 0.001517 | 0.006231 | 0.001122 | 0.000594 |
| Strip Mall | 0.567415 | 0.028873 | 0.167357 | 0.095651 | 0.012286 | 0.003962 | 0.013253 | 0.099167 | 0.002572 | 0.001517 | 0.006231 | 0.001122 | 0.000594 |
| City Park | 0.567415 | 0.028873 | 0.167357 | 0.095651 | 0.012286 | 0.003962 | 0.013253 | 0.099167 | 0.002572 | 0.001517 | 0.006231 | 0.001122 | 0.000594 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable Energy

Install Energy Efficient Appliances

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|---------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|--------|--------|------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Electricity Mitigated | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 2,416.7832 | 2,416.7832 | 0.2132 | 0.0441 | 2,435.2545 |
| Electricity Unmitigated | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 5,212.8393 | 5,212.8393 | 0.4598 | 0.0951 | 5,252.6808 |
| NaturalGas Mitigated | 0.4991 | 4.2887 | 1.9865 | 0.0272 | | 0.3449 | 0.3449 | | 0.3449 | 0.3449 | 0.0000 | 4,939.7145 | 4,939.7145 | 0.0947 | 0.0906 | 4,969.0688 |
| NaturalGas Unmitigated | 0.5301 | 4.5548 | 2.1096 | 0.0289 | | 0.3663 | 0.3663 | | 0.3663 | 0.3663 | 0.0000 | 5,246.1890 | 5,246.1890 | 0.1006 | 0.0962 | 5,277.3645 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 3.08649e+007 | 0.1664 | 1.4222 | 0.6052 | 9.0800e-003 | | 0.1150 | 0.1150 | | 0.1150 | 0.1150 | 0.0000 | 1,647.0668 | 1,647.0668 | 0.0316 | 0.0302 | 1,656.8545 |
| Elementary School | 1.4695e+006 | 7.9200e-003 | 0.0720 | 0.0605 | 4.3000e-004 | | 5.4700e-003 | 5.4700e-003 | | 5.4700e-003 | 5.4700e-003 | 0.0000 | 78.4179 | 78.4179 | 1.5000e-003 | 1.4400e-003 | 78.8839 |
| Single Family Housing | 5.90098e+007 | 0.3182 | 2.7191 | 1.1571 | 0.0174 | | 0.2198 | 0.2198 | | 0.2198 | 0.2198 | 0.0000 | 3,148.9880 | 3,148.9880 | 0.0604 | 0.0577 | 3,167.7009 |
| Strip Mall | 6.9657e+006 | 0.0376 | 0.3415 | 0.2868 | 2.0500e-003 | | 0.0260 | 0.0260 | | 0.0260 | 0.0260 | 0.0000 | 371.7163 | 371.7163 | 7.1200e-003 | 6.8100e-003 | 373.9252 |
| Total | | 0.5301 | 4.5548 | 2.1096 | 0.0289 | | 0.3663 | 0.3663 | | 0.3663 | 0.3663 | 0.0000 | 5,246.1890 | 5,246.1890 | 0.1006 | 0.0962 | 5,277.3645 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

5.2 Energy by Land Use - NaturalGas

Mitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 2.91521e+007 | 0.1572 | 1.3433 | 0.5716 | 8.5700e-003 | | 0.1086 | 0.1086 | | 0.1086 | 0.1086 | 0.0000 | 1,555.6646 | 1,555.6646 | 0.0298 | 0.0285 | 1,564.9091 |
| Elementary School | 1.3745e+006 | 7.4100e-003 | 0.0674 | 0.0566 | 4.0000e-004 | | 5.1200e-003 | 5.1200e-003 | | 5.1200e-003 | 5.1200e-003 | 0.0000 | 73.3484 | 73.3484 | 1.4100e-003 | 1.3400e-003 | 73.7843 |
| Single Family Housing | 5.54673e+007 | 0.2991 | 2.5559 | 1.0876 | 0.0163 | | 0.2066 | 0.2066 | | 0.2066 | 0.2066 | 0.0000 | 2,959.9473 | 2,959.9473 | 0.0567 | 0.0543 | 2,977.5368 |
| Strip Mall | 6.57289e+006 | 0.0354 | 0.3222 | 0.2707 | 1.9300e-003 | | 0.0245 | 0.0245 | | 0.0245 | 0.0245 | 0.0000 | 350.7543 | 350.7543 | 6.7200e-003 | 6.4300e-003 | 352.8386 |
| Total | | 0.4991 | 4.2887 | 1.9865 | 0.0272 | | 0.3449 | 0.3449 | | 0.3449 | 0.3449 | 0.0000 | 4,939.7145 | 4,939.7145 | 0.0947 | 0.0906 | 4,969.0688 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 9.46292e+006 | 1,411.3104 | 0.1245 | 0.0258 | 1,422.0969 |
| Elementary School | 410827 | 61.2712 | 5.4000e-003 | 1.1200e-003 | 61.7395 |
| Single Family Housing | 1.9773e+007 | 2,948.9669 | 0.2601 | 0.0538 | 2,971.5057 |
| Strip Mall | 5.30565e+006 | 791.2909 | 0.0698 | 0.0144 | 797.3387 |
| Total | | 5,212.8393 | 0.4598 | 0.0951 | 5,252.6808 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 4.4036e+006 | 656.7579 | 0.0579 | 0.0120 | 661.7775 |
| Elementary School | 183532 | 27.3722 | 2.4100e-003 | 5.0000e-004 | 27.5814 |
| Single Family Housing | 9.25499e+006 | 1,380.3005 | 0.1217 | 0.0252 | 1,390.8501 |
| Strip Mall | 2.36254e+006 | 352.3526 | 0.0311 | 6.4300e-003 | 355.0456 |
| Total | | 2,416.7832 | 0.2132 | 0.0441 | 2,435.2545 |

6.0 Area Detail

6.1 Mitigation Measures Area

Village D Specific Plan - Phase I Construction - Madera County, Annual

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

Use Low VOC Cleaning Supplies

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|--------|----------|-------------|---------------|--------------|------------|----------------|---------------|-------------|------------|------------|------------|--------|--------|------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 29.8682 | 0.2697 | 22.4169 | 1.0100e-003 | | 0.1220 | 0.1220 | | 0.1220 | 0.1220 | 0.0000 | 33.7501 | 33.7501 | 0.0242 | 0.0000 | 34.3552 |
| Unmitigated | 41.8443 | 3.2327 | 116.3229 | 0.2923 | | 14.3443 | 14.3443 | | 14.3443 | 14.3443 | 1,882.6961 | 1,770.2367 | 3,652.9327 | 8.8805 | 0.0316 | 3,884.3521 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

6.2 Area by SubCategory

Unmitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|-----------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|------------------------|------------------------|------------------------|---------------|---------------|------------------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 5.9189 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 25.3741 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 9.6648 | 2.8930 | 86.8231 | 0.2907 | | 14.1806 | 14.1806 | | 14.1806 | 14.1806 | 1,882.696 1 | 1,721.999 4 | 3,604.695 5 | 8.8342 | 0.0316 | 3,834.959 0 |
| Landscaping | 0.8865 | 0.3398 | 29.4999 | 1.5600e-003 | | 0.1637 | 0.1637 | | 0.1637 | 0.1637 | 0.0000 | 48.2373 | 48.2373 | 0.0462 | 0.0000 | 49.3931 |
| Total | 41.8443 | 3.2327 | 116.3229 | 0.2923 | | 14.3443 | 14.3443 | | 14.3443 | 14.3443 | 1,882.696 1 | 1,770.236 7 | 3,652.932 7 | 8.8805 | 0.0316 | 3,884.352 1 |

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6.2 Area by SubCategory

Mitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|----------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 5.9189 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 23.4790 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Landscaping | 0.4703 | 0.2697 | 22.4169 | 1.0100e-003 | | 0.1220 | 0.1220 | | 0.1220 | 0.1220 | 0.0000 | 33.7501 | 33.7501 | 0.0242 | 0.0000 | 34.3552 |
| Total | 29.8682 | 0.2697 | 22.4169 | 1.0100e-003 | | 0.1220 | 0.1220 | | 0.1220 | 0.1220 | 0.0000 | 33.7501 | 33.7501 | 0.0242 | 0.0000 | 34.3552 |

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Village D Specific Plan - Phase I Construction - Madera County, Annual

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|---------|--------|----------|
| Category | MT/yr | | | |
| Mitigated | 392.8925 | 8.0803 | 0.1959 | 653.2711 |
| Unmitigated | 491.1156 | 10.1004 | 0.2449 | 816.5889 |

7.2 Water by Land Use

Unmitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-----------------|----------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 78.3399 | 40.8930 | 3.6100e-003 | 7.5000e-004 | 41.2055 |
| Condo/Townhouse | 111.935 / 70.5675 | 162.6791 | 3.6586 | 0.0884 | 280.5004 |
| Elementary School | 1.69697 / 4.36363 | 4.1856 | 0.0556 | 1.3700e-003 | 5.9850 |
| Single Family Housing | 147.053 / 92.7071 | 213.7175 | 4.8065 | 0.1162 | 368.5037 |
| Strip Mall | 48.2212 / 29.5549 | 69.6405 | 1.5761 | 0.0381 | 120.3943 |
| Total | | 491.1156 | 10.1004 | 0.2448 | 816.5889 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

7.2 Water by Land Use

Mitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 62.6719 | 32.7144 | 2.8900e-003 | 6.0000e-004 | 32.9644 |
| Condo/Townhouse | 89.5477 / 56.454 | 130.1432 | 2.9269 | 0.0708 | 224.4003 |
| Elementary School | 1.35757 / 3.49091 | 3.3485 | 0.0445 | 1.1000e-003 | 4.7880 |
| Single Family Housing | 117.642 / 74.1657 | 170.9740 | 3.8452 | 0.0930 | 294.8029 |
| Strip Mall | 38.577 / 23.6439 | 55.7124 | 1.2609 | 0.0305 | 96.3155 |
| Total | | 392.8925 | 8.0803 | 0.1959 | 653.2711 |

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|---------|--------|------------|
| | MT/yr | | | |
| Mitigated | 598.4727 | 35.3687 | 0.0000 | 1,482.6907 |
| Unmitigated | 797.9636 | 47.1583 | 0.0000 | 1,976.9210 |

8.2 Waste by Land Use

Unmitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-----------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 5.65 | 1.1469 | 0.0678 | 0.0000 | 2.8414 |
| Condo/Townhouse | 790.28 | 160.4197 | 9.4805 | 0.0000 | 397.4330 |
| Elementary School | 127.75 | 25.9321 | 1.5325 | 0.0000 | 64.2457 |
| Single Family Housing | 2323.8 | 471.7104 | 27.8773 | 0.0000 | 1,168.6426 |
| Strip Mall | 683.55 | 138.7545 | 8.2002 | 0.0000 | 343.7583 |
| Total | | 797.9636 | 47.1583 | 0.0000 | 1,976.9210 |

Village D Specific Plan - Phase I Construction - Madera County, Annual

8.2 Waste by Land Use

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-----------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 4.2375 | 0.8602 | 0.0508 | 0.0000 | 2.1311 |
| Condo/Townhouse | 592.71 | 120.3148 | 7.1104 | 0.0000 | 298.0748 |
| Elementary School | 95.8125 | 19.4491 | 1.1494 | 0.0000 | 48.1843 |
| Single Family Housing | 1742.85 | 353.7828 | 20.9080 | 0.0000 | 876.4819 |
| Strip Mall | 512.662 | 104.0659 | 6.1501 | 0.0000 | 257.8188 |
| Total | | 598.4727 | 35.3687 | 0.0000 | 1,482.6907 |

9.0 Operational Offroad

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

| Equipment Type | Number | Hours/Day | Hours/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|------------|-------------|-------------|-----------|
|----------------|--------|-----------|------------|-------------|-------------|-----------|

Boilers

| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

Village D Specific Plan - Phase I Construction - Madera County, Annual

User Defined Equipment

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

11.0 Vegetation

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

**Village D Specific Plan - Phase I Operation Mitigated
Madera County, Annual**

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-----------------------|----------|---------------|-------------|--------------------|------------|
| Elementary School | 700.00 | Student | 16.68 | 58,522.36 | 0 |
| City Park | 65.75 | Acre | 65.75 | 2,864,070.00 | 0 |
| Condo/Townhouse | 1,718.00 | Dwelling Unit | 169.79 | 1,718,000.00 | 4913 |
| Single Family Housing | 2,257.00 | Dwelling Unit | 295.91 | 4,062,600.00 | 6455 |
| Strip Mall | 651.00 | 1000sqft | 42.65 | 651,000.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|---------------------------------|--------------------------------|---------------------------------|-------|----------------------------------|-------|
| Urbanization | Rural | Wind Speed (m/s) | 2.9 | Precipitation Freq (Days) | 51 |
| Climate Zone | 3 | | | Operational Year | 2029 |
| Utility Company | Pacific Gas & Electric Company | | | | |
| CO2 Intensity (lb/MW hr) | 328.8 | CH4 Intensity (lb/MW hr) | 0.029 | N2O Intensity (lb/MW hr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

Project Characteristics - CO2 intensity based on 5-year average (PG&E 2015)

Land Use - Based on land use summary

Construction Phase - Assuming construction start in 2021 and operational by 2029

Vehicle Trips - Based on trip generation prepared for the proposed project

Construction Off-road Equipment Mitigation - Assuming Tier 2 construction equipment and compliance with SJVAPCD Rule 9510

Mobile Land Use Mitigation -

Area Mitigation - Only natural gas hearth and use low VOC paint

Energy Mitigation - Assuming energy-efficient clothes washers, dishwashers, fans, and refrigerators in all residential units. Mitigation includes exceed Title 24 by 20%, 20% lighting energy reduction, and 20 percent on-site renewable energy

Water Mitigation - Mitigation includes applying a water conservation strategy to reduce water usage by 20%

Waste Mitigation - Assuming 25 percent reduction in waste disposed, consistent with the CalRecycle Waste Diversion and Recycling Mandate

Mobile Commute Mitigation - Implement trip reduction program, encourage telecommuting, employee vanpool/shuttle, and ride sharing program

| Table Name | Column Name | Default Value | New Value |
|---------------------------|------------------------------|---------------|-----------|
| tblAreaMitigation | UseLowVOCPaintParkingCheck | False | True |
| tblConstDustMitigation | WaterUnpavedRoadVehicleSpeed | 0 | 15 |
| tblConstructionPhase | NumDays | 360.00 | 260.00 |
| tblConstructionPhase | NumDays | 930.00 | 260.00 |
| tblConstructionPhase | NumDays | 9,300.00 | 2,085.00 |
| tblConstructionPhase | NumDays | 660.00 | 2,085.00 |
| tblConstructionPhase | NumDays | 660.00 | 2,085.00 |
| tblGrading | AcresOfGrading | 650.00 | 2,325.00 |
| tblLandUse | LotAcreage | 1.34 | 16.68 |
| tblLandUse | LotAcreage | 107.38 | 169.79 |
| tblLandUse | LotAcreage | 732.79 | 295.91 |
| tblLandUse | LotAcreage | 14.94 | 42.65 |
| tblProjectCharacteristics | CO2IntensityFactor | 641.35 | 328.8 |
| tblProjectCharacteristics | UrbanizationLevel | Urban | Rural |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

| | | | |
|-----------------|-------|-------|-------|
| tblVehicleTrips | HO_TL | 7.90 | 7.11 |
| tblVehicleTrips | HS_TL | 7.10 | 6.39 |
| tblVehicleTrips | HW_TL | 16.80 | 15.12 |
| tblVehicleTrips | ST_TR | 5.67 | 0.00 |
| tblVehicleTrips | ST_TR | 9.91 | 13.84 |
| tblVehicleTrips | ST_TR | 42.04 | 0.00 |
| tblVehicleTrips | ST_TR | 22.75 | 0.00 |
| tblVehicleTrips | SU_TR | 4.84 | 0.00 |
| tblVehicleTrips | SU_TR | 8.62 | 13.84 |
| tblVehicleTrips | SU_TR | 20.43 | 0.00 |
| tblVehicleTrips | SU_TR | 16.74 | 0.00 |
| tblVehicleTrips | WD_TR | 5.81 | 0.00 |
| tblVehicleTrips | WD_TR | 1.29 | 0.00 |
| tblVehicleTrips | WD_TR | 9.52 | 13.84 |
| tblVehicleTrips | WD_TR | 44.32 | 0.00 |
| tblVehicleTrips | WD_TR | 1.89 | 0.00 |

2.0 Emissions Summary

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

2.1 Overall Construction

Unmitigated Construction

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2021 | 1.0791 | 11.3161 | 6.9771 | 0.0136 | 4.4255 | 0.5243 | 4.9498 | 1.8707 | 0.4824 | 2.3531 | 0.0000 | 1,197.179 5 | 1,197.179 5 | 0.3712 | 0.0000 | 1,206.460 6 |
| 2022 | 11.1305 | 18.5809 | 28.6469 | 0.1047 | 7.5434 | 0.2732 | 7.8166 | 2.0234 | 0.2557 | 2.2791 | 0.0000 | 9,596.320 4 | 9,596.320 4 | 0.5861 | 0.0000 | 9,610.972 0 |
| 2023 | 10.7672 | 15.1373 | 26.2806 | 0.1015 | 7.5434 | 0.2237 | 7.7671 | 2.0234 | 0.2088 | 2.2322 | 0.0000 | 9,301.388 7 | 9,301.388 7 | 0.4890 | 0.0000 | 9,313.614 8 |
| 2024 | 10.6414 | 14.7898 | 25.0765 | 0.1008 | 7.6014 | 0.2079 | 7.8093 | 2.0390 | 0.1939 | 2.2328 | 0.0000 | 9,240.921 3 | 9,240.921 3 | 0.4901 | 0.0000 | 9,253.173 6 |
| 2025 | 10.4000 | 14.2383 | 23.3278 | 0.0978 | 7.5724 | 0.1869 | 7.7593 | 2.0312 | 0.1743 | 2.2054 | 0.0000 | 8,964.246 1 | 8,964.246 1 | 0.4848 | 0.0000 | 8,976.365 4 |
| 2026 | 10.2631 | 14.0375 | 22.3276 | 0.0969 | 7.5724 | 0.1875 | 7.7599 | 2.0312 | 0.1748 | 2.2060 | 0.0000 | 8,884.547 2 | 8,884.547 2 | 0.4810 | 0.0000 | 8,896.5711 |
| 2027 | 10.1183 | 13.8345 | 21.1184 | 0.0947 | 7.5724 | 0.1849 | 7.7573 | 2.0312 | 0.1724 | 2.2035 | 0.0000 | 8,689.346 1 | 8,689.346 1 | 0.4705 | 0.0000 | 8,701.107 4 |
| 2028 | 9.9262 | 13.6117 | 19.9726 | 0.0925 | 7.5434 | 0.1808 | 7.7242 | 2.0234 | 0.1686 | 2.1920 | 0.0000 | 8,485.698 4 | 8,485.698 4 | 0.4591 | 0.0000 | 8,497.176 3 |
| 2029 | 9.7724 | 13.4520 | 18.9875 | 0.0908 | 7.5434 | 0.1778 | 7.7211 | 2.0234 | 0.1658 | 2.1892 | 0.0000 | 8,335.301 5 | 8,335.301 5 | 0.4491 | 0.0000 | 8,346.527 7 |
| Maximum | 11.1305 | 18.5809 | 28.6469 | 0.1047 | 7.6014 | 0.5243 | 7.8166 | 2.0390 | 0.4824 | 2.3531 | 0.0000 | 9,596.320 4 | 9,596.320 4 | 0.5861 | 0.0000 | 9,610.972 0 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

2.1 Overall Construction

Mitigated Construction

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2021 | 1.0791 | 11.3160 | 6.9771 | 0.0136 | 2.0251 | 0.5243 | 2.5495 | 0.8508 | 0.4824 | 1.3331 | 0.0000 | 1,197.178 2 | 1,197.178 2 | 0.3712 | 0.0000 | 1,206.459 2 |
| 2022 | 11.1305 | 18.5809 | 28.6469 | 0.1047 | 7.5434 | 0.2732 | 7.8166 | 2.0234 | 0.2557 | 2.2791 | 0.0000 | 9,596.319 7 | 9,596.319 7 | 0.5861 | 0.0000 | 9,610.971 3 |
| 2023 | 10.7672 | 15.1373 | 26.2806 | 0.1015 | 7.5434 | 0.2237 | 7.7671 | 2.0234 | 0.2088 | 2.2322 | 0.0000 | 9,301.388 0 | 9,301.388 0 | 0.4890 | 0.0000 | 9,313.614 1 |
| 2024 | 10.6414 | 14.7898 | 25.0765 | 0.1008 | 7.6014 | 0.2079 | 7.8093 | 2.0390 | 0.1939 | 2.2328 | 0.0000 | 9,240.920 6 | 9,240.920 6 | 0.4901 | 0.0000 | 9,253.172 9 |
| 2025 | 10.4000 | 14.2383 | 23.3278 | 0.0978 | 7.5724 | 0.1869 | 7.7593 | 2.0312 | 0.1743 | 2.2054 | 0.0000 | 8,964.245 4 | 8,964.245 4 | 0.4848 | 0.0000 | 8,976.364 7 |
| 2026 | 10.2631 | 14.0374 | 22.3276 | 0.0969 | 7.5724 | 0.1875 | 7.7599 | 2.0312 | 0.1748 | 2.2060 | 0.0000 | 8,884.546 5 | 8,884.546 5 | 0.4810 | 0.0000 | 8,896.570 4 |
| 2027 | 10.1183 | 13.8345 | 21.1184 | 0.0947 | 7.5724 | 0.1849 | 7.7573 | 2.0312 | 0.1724 | 2.2035 | 0.0000 | 8,689.345 3 | 8,689.345 3 | 0.4705 | 0.0000 | 8,701.106 6 |
| 2028 | 9.9262 | 13.6117 | 19.9725 | 0.0925 | 7.5434 | 0.1808 | 7.7242 | 2.0234 | 0.1686 | 2.1920 | 0.0000 | 8,485.697 7 | 8,485.697 7 | 0.4591 | 0.0000 | 8,497.175 6 |
| 2029 | 9.7724 | 13.4520 | 18.9875 | 0.0908 | 7.5434 | 0.1778 | 7.7211 | 2.0234 | 0.1658 | 2.1892 | 0.0000 | 8,335.300 8 | 8,335.300 8 | 0.4491 | 0.0000 | 8,346.527 0 |
| Maximum | 11.1305 | 18.5809 | 28.6469 | 0.1047 | 7.6014 | 0.5243 | 7.8166 | 2.0390 | 0.4824 | 2.2791 | 0.0000 | 9,596.319 7 | 9,596.319 7 | 0.5861 | 0.0000 | 9,610.971 3 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|-------------|-------------|-------------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Percent Reduction | 0.00 | 0.00 | 0.00 | 0.00 | 3.70 | 0.00 | 3.58 | 5.64 | 0.00 | 5.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| Quarter | Start Date | End Date | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|----------|--|--|
| 1 | 1-4-2021 | 4-3-2021 | 3.0658 | 3.0658 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

| | | | | |
|----|-----------|-----------|--------|--------|
| 2 | 4-4-2021 | 7-3-2021 | 3.0991 | 3.0991 |
| 3 | 7-4-2021 | 10-3-2021 | 3.1332 | 3.1332 |
| 4 | 10-4-2021 | 1-3-2022 | 3.1145 | 3.1145 |
| 5 | 1-4-2022 | 4-3-2022 | 7.4444 | 7.4444 |
| 6 | 4-4-2022 | 7-3-2022 | 7.4286 | 7.4286 |
| 7 | 7-4-2022 | 10-3-2022 | 7.5136 | 7.5136 |
| 8 | 10-4-2022 | 1-3-2023 | 7.5817 | 7.5817 |
| 9 | 1-4-2023 | 4-3-2023 | 6.4966 | 6.4966 |
| 10 | 4-4-2023 | 7-3-2023 | 6.4892 | 6.4892 |
| 11 | 7-4-2023 | 10-3-2023 | 6.5632 | 6.5632 |
| 12 | 10-4-2023 | 1-3-2024 | 6.6380 | 6.6380 |
| 13 | 1-4-2024 | 4-3-2024 | 6.3944 | 6.3944 |
| 14 | 4-4-2024 | 7-3-2024 | 6.3216 | 6.3216 |
| 15 | 7-4-2024 | 10-3-2024 | 6.3936 | 6.3936 |
| 16 | 10-4-2024 | 1-3-2025 | 6.4612 | 6.4612 |
| 17 | 1-4-2025 | 4-3-2025 | 6.1460 | 6.1460 |
| 18 | 4-4-2025 | 7-3-2025 | 6.1477 | 6.1477 |
| 19 | 7-4-2025 | 10-3-2025 | 6.2175 | 6.2175 |
| 20 | 10-4-2025 | 1-3-2026 | 6.2819 | 6.2819 |
| 21 | 1-4-2026 | 4-3-2026 | 6.0575 | 6.0575 |
| 22 | 4-4-2026 | 7-3-2026 | 6.0629 | 6.0629 |
| 23 | 7-4-2026 | 10-3-2026 | 6.1317 | 6.1317 |
| 24 | 10-4-2026 | 1-3-2027 | 6.1913 | 6.1913 |
| 25 | 1-4-2027 | 4-3-2027 | 5.9666 | 5.9666 |
| 26 | 4-4-2027 | 7-3-2027 | 5.9755 | 5.9755 |
| 27 | 7-4-2027 | 10-3-2027 | 6.0432 | 6.0432 |
| 28 | 10-4-2027 | 1-3-2028 | 6.0984 | 6.0984 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

| | | | | |
|----|-----------|-----------|--------|--------|
| 29 | 1-4-2028 | 4-3-2028 | 5.9466 | 5.9466 |
| 30 | 4-4-2028 | 7-3-2028 | 5.8938 | 5.8938 |
| 31 | 7-4-2028 | 10-3-2028 | 5.9604 | 5.9604 |
| 32 | 10-4-2028 | 1-3-2029 | 6.0110 | 6.0110 |
| 33 | 1-4-2029 | 4-3-2029 | 5.7983 | 5.7983 |
| 34 | 4-4-2029 | 7-3-2029 | 5.8143 | 5.8143 |
| 35 | 7-4-2029 | 9-30-2029 | 5.6866 | 5.6866 |
| | | Highest | 7.5817 | 7.5817 |

2.2 Overall Operational
Unmitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|-----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|--------------------|--------------------|----------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 41.6163 | 3.2327 | 116.3229 | 0.2923 | | 14.3443 | 14.3443 | | 14.3443 | 14.3443 | 1,882.6961 | 1,770.2367 | 3,652.9327 | 8.8805 | 0.0316 | 3,884.3521 |
| Energy | 0.5301 | 4.5548 | 2.1096 | 0.0289 | | 0.3663 | 0.3663 | | 0.3663 | 0.3663 | 0.0000 | 10,459.0284 | 10,459.0284 | 0.5603 | 0.1913 | 10,530.0453 |
| Mobile | 8.3689 | 75.3292 | 91.7716 | 0.5210 | 39.5241 | 0.3079 | 39.8320 | 10.6089 | 0.2875 | 10.8963 | 0.0000 | 48,390.6207 | 48,390.6207 | 2.6874 | 0.0000 | 48,457.8051 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 797.9636 | 0.0000 | 797.9636 | 47.1583 | 0.0000 | 1,976.9210 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 98.0014 | 393.1142 | 491.1156 | 10.1004 | 0.2449 | 816.5889 |
| Total | 50.5153 | 83.1167 | 210.2041 | 0.8421 | 39.5241 | 15.0184 | 54.5426 | 10.6089 | 14.9980 | 25.6069 | 2,778.6611 | 61,012.9999 | 63,791.6610 | 69.3868 | 0.4677 | 65,665.7123 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

2.2 Overall Operational

Mitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|-----------------|--------------------|--------------------|----------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 32.1255 | 1.8267 | 30.1326 | 0.0111 | | 0.2839 | 0.2839 | | 0.2839 | 0.2839 | 0.0000 | 1,770.2367 | 1,770.2367 | 0.0792 | 0.0316 | 1,781.6255 |
| Energy | 0.4416 | 3.7946 | 1.7578 | 0.0241 | | 0.3051 | 0.3051 | | 0.3051 | 0.3051 | 0.0000 | 9,107.3749 | 9,107.3749 | 0.5016 | 0.1666 | 9,169.5502 |
| Mobile | 7.8296 | 71.7304 | 81.8315 | 0.4619 | 34.3515 | 0.2711 | 34.6225 | 9.2204 | 0.2530 | 9.4735 | 0.0000 | 42,919.0610 | 42,919.0610 | 2.5633 | 0.0000 | 42,983.1426 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 598.4727 | 0.0000 | 598.4727 | 35.3687 | 0.0000 | 1,482.6907 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 78.4012 | 314.4914 | 392.8925 | 8.0803 | 0.1959 | 653.2711 |
| Total | 40.3967 | 77.3517 | 113.7219 | 0.4970 | 34.3515 | 0.8601 | 35.2115 | 9.2204 | 0.8420 | 10.0625 | 676.8738 | 54,111.1640 | 54,788.0378 | 46.5931 | 0.3940 | 56,070.2801 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|--------------|-------------|--------------|--------------|---------------|--------------|--------------|----------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Percent Reduction | 20.03 | 6.94 | 45.90 | 40.98 | 13.09 | 94.27 | 35.44 | 13.09 | 94.39 | 60.70 | 75.64 | 11.31 | 14.11 | 32.85 | 15.76 | 14.61 |

3.0 Construction Detail

Construction Phase

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1 | Site Preparation | Site Preparation | 1/4/2021 | 12/31/2021 | 5 | 260 | |
| 2 | Grading | Grading | 1/4/2021 | 12/31/2021 | 5 | 260 | |
| 3 | Building Construction | Building Construction | 1/3/2022 | 12/28/2029 | 5 | 2085 | |
| 4 | Paving | Paving | 1/3/2022 | 12/28/2029 | 5 | 2085 | |
| 5 | Architectural Coating | Architectural Coating | 1/3/2022 | 12/28/2029 | 5 | 2085 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 2325

Acres of Paving: 0

Residential Indoor: 11,705,715; Residential Outdoor: 3,901,905; Non-Residential Indoor: 1,064,284; Non-Residential Outdoor: 354,761; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Site Preparation | Rubber Tired Dozers | 3 | 8.00 | 247 | 0.40 |
| Site Preparation | Tractors/Loaders/Backhoes | 4 | 8.00 | 97 | 0.37 |
| Grading | Excavators | 2 | 8.00 | 158 | 0.38 |
| Grading | Graders | 1 | 8.00 | 187 | 0.41 |
| Grading | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Grading | Scrapers | 2 | 8.00 | 367 | 0.48 |
| Grading | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Paving | Pavers | 2 | 8.00 | 130 | 0.42 |
| Paving | Paving Equipment | 2 | 8.00 | 132 | 0.36 |
| Paving | Rollers | 2 | 8.00 | 80 | 0.38 |
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |
| Building Construction | Cranes | 1 | 7.00 | 231 | 0.29 |
| Building Construction | Forklifts | 3 | 8.00 | 89 | 0.20 |
| Building Construction | Generator Sets | 1 | 8.00 | 84 | 0.74 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97 | 0.37 |
| Building Construction | Welders | 1 | 8.00 | 46 | 0.45 |

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 697.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 3,485.00 | 1,011.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3486 | 0.0000 | 2.3486 | 1.2910 | 0.0000 | 1.2910 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | | 0.2658 | 0.2658 | | 0.2445 | 0.2445 | 0.0000 | 434.6643 | 434.6643 | 0.1406 | 0.0000 | 438.1788 |
| Total | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | 2.3486 | 0.2658 | 2.6144 | 1.2910 | 0.2445 | 1.5355 | 0.0000 | 434.6643 | 434.6643 | 0.1406 | 0.0000 | 438.1788 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.2 Site Preparation - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |
| Total | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0569 | 0.0000 | 1.0569 | 0.5809 | 0.0000 | 0.5809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | | 0.2658 | 0.2658 | | 0.2445 | 0.2445 | 0.0000 | 434.6638 | 434.6638 | 0.1406 | 0.0000 | 438.1783 |
| Total | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | 1.0569 | 0.2658 | 1.3227 | 0.5809 | 0.2445 | 0.8255 | 0.0000 | 434.6638 | 434.6638 | 0.1406 | 0.0000 | 438.1783 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.2 Site Preparation - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |
| Total | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |

3.3 Grading - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.0157 | 0.0000 | 2.0157 | 0.5635 | 0.0000 | 0.5635 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | | 0.2581 | 0.2581 | | 0.2375 | 0.2375 | 0.0000 | 708.4348 | 708.4348 | 0.2291 | 0.0000 | 714.1628 |
| Total | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | 2.0157 | 0.2581 | 2.2738 | 0.5635 | 0.2375 | 0.8009 | 0.0000 | 708.4348 | 708.4348 | 0.2291 | 0.0000 | 714.1628 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.3 Grading - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |
| Total | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.9071 | 0.0000 | 0.9071 | 0.2536 | 0.0000 | 0.2536 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | | 0.2581 | 0.2581 | | 0.2375 | 0.2375 | 0.0000 | 708.4339 | 708.4339 | 0.2291 | 0.0000 | 714.1620 |
| Total | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | 0.9071 | 0.2581 | 1.1652 | 0.2536 | 0.2375 | 0.4910 | 0.0000 | 708.4339 | 708.4339 | 0.2291 | 0.0000 | 714.1620 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.3 Grading - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |
| Total | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |

3.4 Building Construction - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2428 | 301.2428 | 0.0722 | 0.0000 | 303.0471 |
| Total | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2428 | 301.2428 | 0.0722 | 0.0000 | 303.0471 |

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3.4 Building Construction - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4146 | 13.0011 | 2.9062 | 0.0342 | 0.7859 | 0.0345 | 0.8205 | 0.2272 | 0.0330 | 0.2602 | 0.0000 | 3,244.5549 | 3,244.5549 | 0.2756 | 0.0000 | 3,251.4450 |
| Worker | 2.4439 | 1.5946 | 17.8379 | 0.0529 | 5.6111 | 0.0408 | 5.6518 | 1.4915 | 0.0375 | 1.5290 | 0.0000 | 4,780.3307 | 4,780.3307 | 0.1262 | 0.0000 | 4,783.4845 |
| Total | 2.8586 | 14.5957 | 20.7441 | 0.0871 | 6.3970 | 0.0753 | 6.4723 | 1.7187 | 0.0705 | 1.7892 | 0.0000 | 8,024.8856 | 8,024.8856 | 0.4018 | 0.0000 | 8,034.9295 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2425 | 301.2425 | 0.0722 | 0.0000 | 303.0467 |
| Total | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2425 | 301.2425 | 0.0722 | 0.0000 | 303.0467 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.4 Building Construction - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4146 | 13.0011 | 2.9062 | 0.0342 | 0.7859 | 0.0345 | 0.8205 | 0.2272 | 0.0330 | 0.2602 | 0.0000 | 3,244.5549 | 3,244.5549 | 0.2756 | 0.0000 | 3,251.4450 |
| Worker | 2.4439 | 1.5946 | 17.8379 | 0.0529 | 5.6111 | 0.0408 | 5.6518 | 1.4915 | 0.0375 | 1.5290 | 0.0000 | 4,780.3307 | 4,780.3307 | 0.1262 | 0.0000 | 4,783.4845 |
| Total | 2.8586 | 14.5957 | 20.7441 | 0.0871 | 6.3970 | 0.0753 | 6.4723 | 1.7187 | 0.0705 | 1.7892 | 0.0000 | 8,024.8856 | 8,024.8856 | 0.4018 | 0.0000 | 8,034.9295 |

3.4 Building Construction - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3462 | 301.3462 | 0.0717 | 0.0000 | 303.1383 |
| Total | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3462 | 301.3462 | 0.0717 | 0.0000 | 303.1383 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2912 | 10.0539 | 2.3967 | 0.0334 | 0.7859 | 9.5500e-003 | 0.7955 | 0.2272 | 9.1300e-003 | 0.2363 | 0.0000 | 3,167.1910 | 3,167.1910 | 0.1956 | 0.0000 | 3,172.0811 |
| Worker | 2.2681 | 1.4274 | 16.3089 | 0.0509 | 5.6111 | 0.0396 | 5.6506 | 1.4915 | 0.0364 | 1.5279 | 0.0000 | 4,599.5938 | 4,599.5938 | 0.1126 | 0.0000 | 4,602.4080 |
| Total | 2.5593 | 11.4813 | 18.7056 | 0.0843 | 6.3970 | 0.0491 | 6.4461 | 1.7187 | 0.0456 | 1.7642 | 0.0000 | 7,766.7848 | 7,766.7848 | 0.3082 | 0.0000 | 7,774.4891 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3458 | 301.3458 | 0.0717 | 0.0000 | 303.1380 |
| Total | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3458 | 301.3458 | 0.0717 | 0.0000 | 303.1380 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.4 Building Construction - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2912 | 10.0539 | 2.3967 | 0.0334 | 0.7859 | 9.5500e-003 | 0.7955 | 0.2272 | 9.1300e-003 | 0.2363 | 0.0000 | 3,167.1910 | 3,167.1910 | 0.1956 | 0.0000 | 3,172.0811 |
| Worker | 2.2681 | 1.4274 | 16.3089 | 0.0509 | 5.6111 | 0.0396 | 5.6506 | 1.4915 | 0.0364 | 1.5279 | 0.0000 | 4,599.5938 | 4,599.5938 | 0.1126 | 0.0000 | 4,602.4080 |
| Total | 2.5593 | 11.4813 | 18.7056 | 0.0843 | 6.3970 | 0.0491 | 6.4461 | 1.7187 | 0.0456 | 1.7642 | 0.0000 | 7,766.7848 | 7,766.7848 | 0.3082 | 0.0000 | 7,774.4891 |

3.4 Building Construction - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7223 | 303.7223 | 0.0718 | 0.0000 | 305.5179 |
| Total | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7223 | 303.7223 | 0.0718 | 0.0000 | 305.5179 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2793 | 10.0489 | 2.1986 | 0.0334 | 0.7920 | 9.4900e-003 | 0.8015 | 0.2290 | 9.0700e-003 | 0.2380 | 0.0000 | 3,166.6569 | 3,166.6569 | 0.2042 | 0.0000 | 3,171.7624 |
| Worker | 2.1412 | 1.3056 | 15.4504 | 0.0503 | 5.6542 | 0.0404 | 5.6946 | 1.5029 | 0.0372 | 1.5401 | 0.0000 | 4,545.9835 | 4,545.9835 | 0.1057 | 0.0000 | 4,548.6266 |
| Total | 2.4204 | 11.3546 | 17.6490 | 0.0836 | 6.4462 | 0.0499 | 6.4961 | 1.7319 | 0.0463 | 1.7782 | 0.0000 | 7,712.6404 | 7,712.6404 | 0.3099 | 0.0000 | 7,720.3889 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7220 | 303.7220 | 0.0718 | 0.0000 | 305.5175 |
| Total | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7220 | 303.7220 | 0.0718 | 0.0000 | 305.5175 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.4 Building Construction - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2793 | 10.0489 | 2.1986 | 0.0334 | 0.7920 | 9.4900e-003 | 0.8015 | 0.2290 | 9.0700e-003 | 0.2380 | 0.0000 | 3,166.6569 | 3,166.6569 | 0.2042 | 0.0000 | 3,171.7624 |
| Worker | 2.1412 | 1.3056 | 15.4504 | 0.0503 | 5.6542 | 0.0404 | 5.6946 | 1.5029 | 0.0372 | 1.5401 | 0.0000 | 4,545.9835 | 4,545.9835 | 0.1057 | 0.0000 | 4,548.6266 |
| Total | 2.4204 | 11.3546 | 17.6490 | 0.0836 | 6.4462 | 0.0499 | 6.4961 | 1.7319 | 0.0463 | 1.7782 | 0.0000 | 7,712.6404 | 7,712.6404 | 0.3099 | 0.0000 | 7,720.3889 |

3.4 Building Construction - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2662 | 9.9261 | 2.0075 | 0.0330 | 0.7890 | 9.3100e-003 | 0.7983 | 0.2281 | 8.8900e-003 | 0.2370 | 0.0000 | 3,131.9904 | 3,131.9904 | 0.2131 | 0.0000 | 3,137.3171 |
| Worker | 1.9965 | 1.1754 | 14.1848 | 0.0481 | 5.6327 | 0.0394 | 5.6720 | 1.4972 | 0.0362 | 1.5334 | 0.0000 | 4,346.9331 | 4,346.9331 | 0.0949 | 0.0000 | 4,349.3047 |
| Total | 2.2627 | 11.1015 | 16.1922 | 0.0811 | 6.4216 | 0.0487 | 6.4703 | 1.7253 | 0.0451 | 1.7704 | 0.0000 | 7,478.9235 | 7,478.9235 | 0.3079 | 0.0000 | 7,486.6218 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |
| Total | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.4 Building Construction - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2662 | 9.9261 | 2.0075 | 0.0330 | 0.7890 | 9.3100e-003 | 0.7983 | 0.2281 | 8.8900e-003 | 0.2370 | 0.0000 | 3,131.9904 | 3,131.9904 | 0.2131 | 0.0000 | 3,137.3171 |
| Worker | 1.9965 | 1.1754 | 14.1848 | 0.0481 | 5.6327 | 0.0394 | 5.6720 | 1.4972 | 0.0362 | 1.5334 | 0.0000 | 4,346.9331 | 4,346.9331 | 0.0949 | 0.0000 | 4,349.3047 |
| Total | 2.2627 | 11.1015 | 16.1922 | 0.0811 | 6.4216 | 0.0487 | 6.4703 | 1.7253 | 0.0451 | 1.7704 | 0.0000 | 7,478.9235 | 7,478.9235 | 0.3079 | 0.0000 | 7,486.6218 |

3.4 Building Construction - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.4 Building Construction - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2583 | 9.8357 | 1.9073 | 0.0328 | 0.7890 | 9.1800e-003 | 0.7982 | 0.2281 | 8.7800e-003 | 0.2369 | 0.0000 | 3,111.0546 | 3,111.0546 | 0.2151 | 0.0000 | 3,116.4310 |
| Worker | 1.8894 | 1.0836 | 13.4374 | 0.0475 | 5.6327 | 0.0400 | 5.6726 | 1.4972 | 0.0368 | 1.5340 | 0.0000 | 4,298.1388 | 4,298.1388 | 0.0901 | 0.0000 | 4,300.3901 |
| Total | 2.1477 | 10.9194 | 15.3447 | 0.0803 | 6.4216 | 0.0491 | 6.4708 | 1.7253 | 0.0455 | 1.7708 | 0.0000 | 7,409.1934 | 7,409.1934 | 0.3051 | 0.0000 | 7,416.8210 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |
| Total | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.4 Building Construction - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2583 | 9.8357 | 1.9073 | 0.0328 | 0.7890 | 9.1800e-003 | 0.7982 | 0.2281 | 8.7800e-003 | 0.2369 | 0.0000 | 3,111.0546 | 3,111.0546 | 0.2151 | 0.0000 | 3,116.4310 |
| Worker | 1.8894 | 1.0836 | 13.4374 | 0.0475 | 5.6327 | 0.0400 | 5.6726 | 1.4972 | 0.0368 | 1.5340 | 0.0000 | 4,298.1388 | 4,298.1388 | 0.0901 | 0.0000 | 4,300.3901 |
| Total | 2.1477 | 10.9194 | 15.3447 | 0.0803 | 6.4216 | 0.0491 | 6.4708 | 1.7253 | 0.0455 | 1.7708 | 0.0000 | 7,409.1934 | 7,409.1934 | 0.3051 | 0.0000 | 7,416.8210 |

3.4 Building Construction - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.4 Building Construction - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2517 | 9.7471 | 1.8247 | 0.0326 | 0.7890 | 9.0600e-003 | 0.7980 | 0.2281 | 8.6600e-003 | 0.2368 | 0.0000 | 3,092.9411 | 3,092.9411 | 0.2145 | 0.0000 | 3,098.3037 |
| Worker | 1.7747 | 0.9887 | 12.5019 | 0.0459 | 5.6327 | 0.0379 | 5.6705 | 1.4972 | 0.0348 | 1.5321 | 0.0000 | 4,151.0932 | 4,151.0932 | 0.0818 | 0.0000 | 4,153.1378 |
| Total | 2.0263 | 10.7358 | 14.3267 | 0.0785 | 6.4216 | 0.0469 | 6.4686 | 1.7253 | 0.0435 | 1.7688 | 0.0000 | 7,244.0343 | 7,244.0343 | 0.2963 | 0.0000 | 7,251.4415 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |
| Total | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.4 Building Construction - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2517 | 9.7471 | 1.8247 | 0.0326 | 0.7890 | 9.0600e-003 | 0.7980 | 0.2281 | 8.6600e-003 | 0.2368 | 0.0000 | 3,092.9411 | 3,092.9411 | 0.2145 | 0.0000 | 3,098.3037 |
| Worker | 1.7747 | 0.9887 | 12.5019 | 0.0459 | 5.6327 | 0.0379 | 5.6705 | 1.4972 | 0.0348 | 1.5321 | 0.0000 | 4,151.0932 | 4,151.0932 | 0.0818 | 0.0000 | 4,153.1378 |
| Total | 2.0263 | 10.7358 | 14.3267 | 0.0785 | 6.4216 | 0.0469 | 6.4686 | 1.7253 | 0.0435 | 1.7688 | 0.0000 | 7,244.0343 | 7,244.0343 | 0.2963 | 0.0000 | 7,251.4415 |

3.4 Building Construction - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4953 | 301.4953 | 0.0709 | 0.0000 | 303.2671 |
| Total | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4953 | 301.4953 | 0.0709 | 0.0000 | 303.2671 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.4 Building Construction - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2451 | 9.6423 | 1.7491 | 0.0323 | 0.7860 | 8.9400e-003 | 0.7949 | 0.2272 | 8.5400e-003 | 0.2358 | 0.0000 | 3,066.7679 | 3,066.7679 | 0.2128 | 0.0000 | 3,072.0872 |
| Worker | 1.6452 | 0.9000 | 11.6267 | 0.0443 | 5.6111 | 0.0350 | 5.6461 | 1.4915 | 0.0322 | 1.5237 | 0.0000 | 4,005.6264 | 4,005.6264 | 0.0743 | 0.0000 | 4,007.4841 |
| Total | 1.8902 | 10.5423 | 13.3758 | 0.0766 | 6.3970 | 0.0440 | 6.4410 | 1.7187 | 0.0408 | 1.7595 | 0.0000 | 7,072.3944 | 7,072.3944 | 0.2871 | 0.0000 | 7,079.5714 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4949 | 301.4949 | 0.0709 | 0.0000 | 303.2667 |
| Total | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4949 | 301.4949 | 0.0709 | 0.0000 | 303.2667 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.4 Building Construction - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2451 | 9.6423 | 1.7491 | 0.0323 | 0.7860 | 8.9400e-003 | 0.7949 | 0.2272 | 8.5400e-003 | 0.2358 | 0.0000 | 3,066.7679 | 3,066.7679 | 0.2128 | 0.0000 | 3,072.0872 |
| Worker | 1.6452 | 0.9000 | 11.6267 | 0.0443 | 5.6111 | 0.0350 | 5.6461 | 1.4915 | 0.0322 | 1.5237 | 0.0000 | 4,005.6264 | 4,005.6264 | 0.0743 | 0.0000 | 4,007.4841 |
| Total | 1.8902 | 10.5423 | 13.3758 | 0.0766 | 6.3970 | 0.0440 | 6.4410 | 1.7187 | 0.0408 | 1.7595 | 0.0000 | 7,072.3944 | 7,072.3944 | 0.2871 | 0.0000 | 7,079.5714 |

3.4 Building Construction - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4953 | 301.4953 | 0.0709 | 0.0000 | 303.2671 |
| Total | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4953 | 301.4953 | 0.0709 | 0.0000 | 303.2671 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.4 Building Construction - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2398 | 9.5749 | 1.6864 | 0.0322 | 0.7860 | 8.8400e-003 | 0.7948 | 0.2272 | 8.4500e-003 | 0.2357 | 0.0000 | 3,054.1533 | 3,054.1533 | 0.2107 | 0.0000 | 3,059.4196 |
| Worker | 1.5218 | 0.8233 | 10.8609 | 0.0430 | 5.6111 | 0.0326 | 5.6436 | 1.4915 | 0.0300 | 1.5214 | 0.0000 | 3,891.2182 | 3,891.2182 | 0.0677 | 0.0000 | 3,892.9110 |
| Total | 1.7616 | 10.3982 | 12.5473 | 0.0752 | 6.3970 | 0.0414 | 6.4384 | 1.7187 | 0.0384 | 1.7571 | 0.0000 | 6,945.3715 | 6,945.3715 | 0.2784 | 0.0000 | 6,952.3305 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4949 | 301.4949 | 0.0709 | 0.0000 | 303.2667 |
| Total | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4949 | 301.4949 | 0.0709 | 0.0000 | 303.2667 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.4 Building Construction - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2398 | 9.5749 | 1.6864 | 0.0322 | 0.7860 | 8.8400e-003 | 0.7948 | 0.2272 | 8.4500e-003 | 0.2357 | 0.0000 | 3,054.1533 | 3,054.1533 | 0.2107 | 0.0000 | 3,059.4196 |
| Worker | 1.5218 | 0.8233 | 10.8609 | 0.0430 | 5.6111 | 0.0326 | 5.6436 | 1.4915 | 0.0300 | 1.5214 | 0.0000 | 3,891.2182 | 3,891.2182 | 0.0677 | 0.0000 | 3,892.9110 |
| Total | 1.7616 | 10.3982 | 12.5473 | 0.0752 | 6.3970 | 0.0414 | 6.4384 | 1.7187 | 0.0384 | 1.7571 | 0.0000 | 6,945.3715 | 6,945.3715 | 0.2784 | 0.0000 | 6,952.3305 |

3.5 Paving - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3583 | 260.3583 | 0.0842 | 0.0000 | 262.4634 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3583 | 260.3583 | 0.0842 | 0.0000 | 262.4634 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.5 Paving - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |
| Total | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3579 | 260.3579 | 0.0842 | 0.0000 | 262.4631 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3579 | 260.3579 | 0.0842 | 0.0000 | 262.4631 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.5 Paving - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |
| Total | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |

3.5 Paving - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3493 | 260.3493 | 0.0842 | 0.0000 | 262.4543 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3493 | 260.3493 | 0.0842 | 0.0000 | 262.4543 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.5 Paving - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |
| Total | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3490 | 260.3490 | 0.0842 | 0.0000 | 262.4540 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3490 | 260.3490 | 0.0842 | 0.0000 | 262.4540 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.5 Paving - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |
| Total | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |

3.5 Paving - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3476 | 262.3476 | 0.0849 | 0.0000 | 264.4688 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3476 | 262.3476 | 0.0849 | 0.0000 | 264.4688 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.5 Paving - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |
| Total | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3473 | 262.3473 | 0.0849 | 0.0000 | 264.4685 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3473 | 262.3473 | 0.0849 | 0.0000 | 264.4685 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.5 Paving - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |
| Total | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |

3.5 Paving - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.5 Paving - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |
| Total | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.5 Paving - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |
| Total | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |

3.5 Paving - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.5 Paving - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |
| Total | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.5 Paving - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |
| Total | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |

3.5 Paving - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.5 Paving - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |
| Total | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.5 Paving - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |
| Total | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |

3.5 Paving - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2503 | 260.2503 | 0.0842 | 0.0000 | 262.3546 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2503 | 260.2503 | 0.0842 | 0.0000 | 262.3546 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.5 Paving - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |
| Total | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2500 | 260.2500 | 0.0842 | 0.0000 | 262.3543 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2500 | 260.2500 | 0.0842 | 0.0000 | 262.3543 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.5 Paving - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |
| Total | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |

3.5 Paving - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2503 | 260.2503 | 0.0842 | 0.0000 | 262.3546 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2503 | 260.2503 | 0.0842 | 0.0000 | 262.3546 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.5 Paving - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.5500e-003 | 3.5400e-003 | 0.0468 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0243 | 6.4200e-003 | 1.3000e-004 | 6.5500e-003 | 0.0000 | 16.7484 | 16.7484 | 2.9000e-004 | 0.0000 | 16.7557 |
| Total | 6.5500e-003 | 3.5400e-003 | 0.0468 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0243 | 6.4200e-003 | 1.3000e-004 | 6.5500e-003 | 0.0000 | 16.7484 | 16.7484 | 2.9000e-004 | 0.0000 | 16.7557 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2500 | 260.2500 | 0.0842 | 0.0000 | 262.3543 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2500 | 260.2500 | 0.0842 | 0.0000 | 262.3543 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.5 Paving - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.5500e-003 | 3.5400e-003 | 0.0468 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0243 | 6.4200e-003 | 1.3000e-004 | 6.5500e-003 | 0.0000 | 16.7484 | 16.7484 | 2.9000e-004 | 0.0000 | 16.7557 |
| Total | 6.5500e-003 | 3.5400e-003 | 0.0468 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0243 | 6.4200e-003 | 1.3000e-004 | 6.5500e-003 | 0.0000 | 16.7484 | 16.7484 | 2.9000e-004 | 0.0000 | 16.7557 |

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.3809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0266 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |
| Total | 7.4075 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.6 Architectural Coating - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4888 | 0.3189 | 3.5676 | 0.0106 | 1.1222 | 8.1500e-003 | 1.1304 | 0.2983 | 7.5000e-003 | 0.3058 | 0.0000 | 956.0661 | 956.0661 | 0.0252 | 0.0000 | 956.6969 |
| Total | 0.4888 | 0.3189 | 3.5676 | 0.0106 | 1.1222 | 8.1500e-003 | 1.1304 | 0.2983 | 7.5000e-003 | 0.3058 | 0.0000 | 956.0661 | 956.0661 | 0.0252 | 0.0000 | 956.6969 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.3809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0266 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |
| Total | 7.4075 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.6 Architectural Coating - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4888 | 0.3189 | 3.5676 | 0.0106 | 1.1222 | 8.1500e-003 | 1.1304 | 0.2983 | 7.5000e-003 | 0.3058 | 0.0000 | 956.0661 | 956.0661 | 0.0252 | 0.0000 | 956.6969 |
| Total | 0.4888 | 0.3189 | 3.5676 | 0.0106 | 1.1222 | 8.1500e-003 | 1.1304 | 0.2983 | 7.5000e-003 | 0.3058 | 0.0000 | 956.0661 | 956.0661 | 0.0252 | 0.0000 | 956.6969 |

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.3809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0249 | 0.1694 | 0.2355 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |
| Total | 7.4058 | 0.1694 | 0.2355 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4536 | 0.2855 | 3.2618 | 0.0102 | 1.1222 | 7.9100e-003 | 1.1301 | 0.2983 | 7.2900e-003 | 0.3056 | 0.0000 | 919.9188 | 919.9188 | 0.0225 | 0.0000 | 920.4816 |
| Total | 0.4536 | 0.2855 | 3.2618 | 0.0102 | 1.1222 | 7.9100e-003 | 1.1301 | 0.2983 | 7.2900e-003 | 0.3056 | 0.0000 | 919.9188 | 919.9188 | 0.0225 | 0.0000 | 920.4816 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.3809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0249 | 0.1694 | 0.2354 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |
| Total | 7.4058 | 0.1694 | 0.2354 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4536 | 0.2855 | 3.2618 | 0.0102 | 1.1222 | 7.9100e-003 | 1.1301 | 0.2983 | 7.2900e-003 | 0.3056 | 0.0000 | 919.9188 | 919.9188 | 0.0225 | 0.0000 | 920.4816 |
| Total | 0.4536 | 0.2855 | 3.2618 | 0.0102 | 1.1222 | 7.9100e-003 | 1.1301 | 0.2983 | 7.2900e-003 | 0.3056 | 0.0000 | 919.9188 | 919.9188 | 0.0225 | 0.0000 | 920.4816 |

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.4377 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0237 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |
| Total | 7.4613 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4282 | 0.2611 | 3.0901 | 0.0101 | 1.1309 | 8.0800e-003 | 1.1389 | 0.3006 | 7.4400e-003 | 0.3080 | 0.0000 | 909.1967 | 909.1967 | 0.0211 | 0.0000 | 909.7253 |
| Total | 0.4282 | 0.2611 | 3.0901 | 0.0101 | 1.1309 | 8.0800e-003 | 1.1389 | 0.3006 | 7.4400e-003 | 0.3080 | 0.0000 | 909.1967 | 909.1967 | 0.0211 | 0.0000 | 909.7253 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.4377 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0237 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |
| Total | 7.4613 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4282 | 0.2611 | 3.0901 | 0.0101 | 1.1309 | 8.0800e-003 | 1.1389 | 0.3006 | 7.4400e-003 | 0.3080 | 0.0000 | 909.1967 | 909.1967 | 0.0211 | 0.0000 | 909.7253 |
| Total | 0.4282 | 0.2611 | 3.0901 | 0.0101 | 1.1309 | 8.0800e-003 | 1.1389 | 0.3006 | 7.4400e-003 | 0.3080 | 0.0000 | 909.1967 | 909.1967 | 0.0211 | 0.0000 | 909.7253 |

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.4093 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 7.4316 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.6 Architectural Coating - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3993 | 0.2351 | 2.8370 | 9.6100e-003 | 1.1265 | 7.8700e-003 | 1.1344 | 0.2994 | 7.2500e-003 | 0.3067 | 0.0000 | 869.3866 | 869.3866 | 0.0190 | 0.0000 | 869.8609 |
| Total | 0.3993 | 0.2351 | 2.8370 | 9.6100e-003 | 1.1265 | 7.8700e-003 | 1.1344 | 0.2994 | 7.2500e-003 | 0.3067 | 0.0000 | 869.3866 | 869.3866 | 0.0190 | 0.0000 | 869.8609 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.4093 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 7.4316 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.6 Architectural Coating - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3993 | 0.2351 | 2.8370 | 9.6100e-003 | 1.1265 | 7.8700e-003 | 1.1344 | 0.2994 | 7.2500e-003 | 0.3067 | 0.0000 | 869.3866 | 869.3866 | 0.0190 | 0.0000 | 869.8609 |
| Total | 0.3993 | 0.2351 | 2.8370 | 9.6100e-003 | 1.1265 | 7.8700e-003 | 1.1344 | 0.2994 | 7.2500e-003 | 0.3067 | 0.0000 | 869.3866 | 869.3866 | 0.0190 | 0.0000 | 869.8609 |

3.6 Architectural Coating - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.4093 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 7.4316 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.6 Architectural Coating - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3779 | 0.2167 | 2.6875 | 9.5000e-003 | 1.1265 | 7.9900e-003 | 1.1345 | 0.2994 | 7.3500e-003 | 0.3068 | 0.0000 | 859.6278 | 859.6278 | 0.0180 | 0.0000 | 860.0780 |
| Total | 0.3779 | 0.2167 | 2.6875 | 9.5000e-003 | 1.1265 | 7.9900e-003 | 1.1345 | 0.2994 | 7.3500e-003 | 0.3068 | 0.0000 | 859.6278 | 859.6278 | 0.0180 | 0.0000 | 860.0780 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.4093 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 7.4316 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.6 Architectural Coating - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3779 | 0.2167 | 2.6875 | 9.5000e-003 | 1.1265 | 7.9900e-003 | 1.1345 | 0.2994 | 7.3500e-003 | 0.3068 | 0.0000 | 859.6278 | 859.6278 | 0.0180 | 0.0000 | 860.0780 |
| Total | 0.3779 | 0.2167 | 2.6875 | 9.5000e-003 | 1.1265 | 7.9900e-003 | 1.1345 | 0.2994 | 7.3500e-003 | 0.3068 | 0.0000 | 859.6278 | 859.6278 | 0.0180 | 0.0000 | 860.0780 |

3.6 Architectural Coating - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.4093 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 7.4316 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.6 Architectural Coating - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3549 | 0.1977 | 2.5004 | 9.1700e-003 | 1.1265 | 7.5700e-003 | 1.1341 | 0.2994 | 6.9700e-003 | 0.3064 | 0.0000 | 830.2187 | 830.2187 | 0.0164 | 0.0000 | 830.6276 |
| Total | 0.3549 | 0.1977 | 2.5004 | 9.1700e-003 | 1.1265 | 7.5700e-003 | 1.1341 | 0.2994 | 6.9700e-003 | 0.3064 | 0.0000 | 830.2187 | 830.2187 | 0.0164 | 0.0000 | 830.6276 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.4093 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 7.4316 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.6 Architectural Coating - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3549 | 0.1977 | 2.5004 | 9.1700e-003 | 1.1265 | 7.5700e-003 | 1.1341 | 0.2994 | 6.9700e-003 | 0.3064 | 0.0000 | 830.2187 | 830.2187 | 0.0164 | 0.0000 | 830.6276 |
| Total | 0.3549 | 0.1977 | 2.5004 | 9.1700e-003 | 1.1265 | 7.5700e-003 | 1.1341 | 0.2994 | 6.9700e-003 | 0.3064 | 0.0000 | 830.2187 | 830.2187 | 0.0164 | 0.0000 | 830.6276 |

3.6 Architectural Coating - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.3809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0222 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2376 |
| Total | 7.4031 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2376 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.6 Architectural Coating - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3290 | 0.1800 | 2.3253 | 8.8500e-003 | 1.1222 | 7.0100e-003 | 1.1292 | 0.2983 | 6.4500e-003 | 0.3047 | 0.0000 | 801.1253 | 801.1253 | 0.0149 | 0.0000 | 801.4968 |
| Total | 0.3290 | 0.1800 | 2.3253 | 8.8500e-003 | 1.1222 | 7.0100e-003 | 1.1292 | 0.2983 | 6.4500e-003 | 0.3047 | 0.0000 | 801.1253 | 801.1253 | 0.0149 | 0.0000 | 801.4968 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.3809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0222 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2375 |
| Total | 7.4031 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2375 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.6 Architectural Coating - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3290 | 0.1800 | 2.3253 | 8.8500e-003 | 1.1222 | 7.0100e-003 | 1.1292 | 0.2983 | 6.4500e-003 | 0.3047 | 0.0000 | 801.1253 | 801.1253 | 0.0149 | 0.0000 | 801.4968 |
| Total | 0.3290 | 0.1800 | 2.3253 | 8.8500e-003 | 1.1222 | 7.0100e-003 | 1.1292 | 0.2983 | 6.4500e-003 | 0.3047 | 0.0000 | 801.1253 | 801.1253 | 0.0149 | 0.0000 | 801.4968 |

3.6 Architectural Coating - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.3809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0222 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2376 |
| Total | 7.4031 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2376 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.6 Architectural Coating - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3044 | 0.1647 | 2.1722 | 8.6000e-003 | 1.1222 | 6.5100e-003 | 1.1287 | 0.2983 | 5.9900e-003 | 0.3043 | 0.0000 | 778.2436 | 778.2436 | 0.0135 | 0.0000 | 778.5822 |
| Total | 0.3044 | 0.1647 | 2.1722 | 8.6000e-003 | 1.1222 | 6.5100e-003 | 1.1287 | 0.2983 | 5.9900e-003 | 0.3043 | 0.0000 | 778.2436 | 778.2436 | 0.0135 | 0.0000 | 778.5822 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.3809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0222 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2375 |
| Total | 7.4031 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2375 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

3.6 Architectural Coating - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3044 | 0.1647 | 2.1722 | 8.6000e-003 | 1.1222 | 6.5100e-003 | 1.1287 | 0.2983 | 5.9900e-003 | 0.3043 | 0.0000 | 778.2436 | 778.2436 | 0.0135 | 0.0000 | 778.5822 |
| Total | 0.3044 | 0.1647 | 2.1722 | 8.6000e-003 | 1.1222 | 6.5100e-003 | 1.1287 | 0.2983 | 5.9900e-003 | 0.3043 | 0.0000 | 778.2436 | 778.2436 | 0.0135 | 0.0000 | 778.5822 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

- Increase Density
- Improve Walkability Design
- Improve Destination Accessibility
- Integrate Below Market Rate Housing
- Improve Pedestrian Network
- Provide Traffic Calming Measures
- Limit Parking Supply
- Implement Trip Reduction Program
- Encourage Telecommuting and Alternative Work Schedules
- Employee Vanpool/Shuttle
- Provide Ride Sharing Program

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|---------|---------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|--------|--------|-------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 7.8296 | 71.7304 | 81.8315 | 0.4619 | 34.3515 | 0.2711 | 34.6225 | 9.2204 | 0.2530 | 9.4735 | 0.0000 | 42,919.0610 | 42,919.0610 | 2.5633 | 0.0000 | 42,983.1426 |
| Unmitigated | 8.3689 | 75.3292 | 91.7716 | 0.5210 | 39.5241 | 0.3079 | 39.8320 | 10.6089 | 0.2875 | 10.8963 | 0.0000 | 48,390.6207 | 48,390.6207 | 2.6874 | 0.0000 | 48,457.8051 |

4.2 Trip Summary Information

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|-----------------------|-------------------------|------------------|------------------|--------------------|-------------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Condo/Townhouse | 0.00 | 0.00 | 0.00 | | |
| Elementary School | 0.00 | 0.00 | 0.00 | | |
| Single Family Housing | 31,236.88 | 31,236.88 | 31,236.88 | 104,548,475 | 90,865,902 |
| Strip Mall | 0.00 | 0.00 | 0.00 | | |
| City Park | 0.00 | 0.00 | 0.00 | | |
| Total | 31,236.88 | 31,236.88 | 31,236.88 | 104,548,475 | 90,865,902 |

4.3 Trip Type Information

| Land Use | Miles | | | Trip % | | | Trip Purpose % | | |
|-----------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| Condo/Townhouse | 16.80 | 7.10 | 7.90 | 42.30 | 19.60 | 38.10 | 86 | 11 | 3 |
| Elementary School | 14.70 | 6.60 | 6.60 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| Single Family Housing | 15.12 | 6.39 | 7.11 | 42.30 | 19.60 | 38.10 | 86 | 11 | 3 |
| Strip Mall | 14.70 | 6.60 | 6.60 | 16.60 | 64.40 | 19.00 | 45 | 40 | 15 |
| City Park | 14.70 | 6.60 | 6.60 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Condo/Townhouse | 0.567415 | 0.028873 | 0.167357 | 0.095651 | 0.012286 | 0.003962 | 0.013253 | 0.099167 | 0.002572 | 0.001517 | 0.006231 | 0.001122 | 0.000594 |
| Elementary School | 0.567415 | 0.028873 | 0.167357 | 0.095651 | 0.012286 | 0.003962 | 0.013253 | 0.099167 | 0.002572 | 0.001517 | 0.006231 | 0.001122 | 0.000594 |
| Single Family Housing | 0.567415 | 0.028873 | 0.167357 | 0.095651 | 0.012286 | 0.003962 | 0.013253 | 0.099167 | 0.002572 | 0.001517 | 0.006231 | 0.001122 | 0.000594 |
| Strip Mall | 0.567415 | 0.028873 | 0.167357 | 0.095651 | 0.012286 | 0.003962 | 0.013253 | 0.099167 | 0.002572 | 0.001517 | 0.006231 | 0.001122 | 0.000594 |
| City Park | 0.567415 | 0.028873 | 0.167357 | 0.095651 | 0.012286 | 0.003962 | 0.013253 | 0.099167 | 0.002572 | 0.001517 | 0.006231 | 0.001122 | 0.000594 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

Exceed Title 24

Install High Efficiency Lighting

Kilowatt Hours of Renewable Electricity Generated

Install Energy Efficient Appliances

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|---------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|--------|--------|------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Electricity Mitigated | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 4,736.8273 | 4,736.8273 | 0.4178 | 0.0864 | 4,773.0306 |
| Electricity Unmitigated | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 5,212.8393 | 5,212.8393 | 0.4598 | 0.0951 | 5,252.6808 |
| NaturalGas Mitigated | 0.4416 | 3.7946 | 1.7578 | 0.0241 | | 0.3051 | 0.3051 | | 0.3051 | 0.3051 | 0.0000 | 4,370.5476 | 4,370.5476 | 0.0838 | 0.0801 | 4,396.5196 |
| NaturalGas Unmitigated | 0.5301 | 4.5548 | 2.1096 | 0.0289 | | 0.3663 | 0.3663 | | 0.3663 | 0.3663 | 0.0000 | 5,246.1890 | 5,246.1890 | 0.1006 | 0.0962 | 5,277.3645 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 3.08649e+007 | 0.1664 | 1.4222 | 0.6052 | 9.0800e-003 | | 0.1150 | 0.1150 | | 0.1150 | 0.1150 | 0.0000 | 1,647.0668 | 1,647.0668 | 0.0316 | 0.0302 | 1,656.8545 |
| Elementary School | 1.4695e+006 | 7.9200e-003 | 0.0720 | 0.0605 | 4.3000e-004 | | 5.4700e-003 | 5.4700e-003 | | 5.4700e-003 | 5.4700e-003 | 0.0000 | 78.4179 | 78.4179 | 1.5000e-003 | 1.4400e-003 | 78.8839 |
| Single Family Housing | 5.90098e+007 | 0.3182 | 2.7191 | 1.1571 | 0.0174 | | 0.2198 | 0.2198 | | 0.2198 | 0.2198 | 0.0000 | 3,148.9880 | 3,148.9880 | 0.0604 | 0.0577 | 3,167.7009 |
| Strip Mall | 6.9657e+006 | 0.0376 | 0.3415 | 0.2868 | 2.0500e-003 | | 0.0260 | 0.0260 | | 0.0260 | 0.0260 | 0.0000 | 371.7163 | 371.7163 | 7.1200e-003 | 6.8100e-003 | 373.9252 |
| Total | | 0.5301 | 4.5548 | 2.1096 | 0.0289 | | 0.3663 | 0.3663 | | 0.3663 | 0.3663 | 0.0000 | 5,246.1890 | 5,246.1890 | 0.1006 | 0.0962 | 5,277.3645 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

5.2 Energy by Land Use - NaturalGas

Mitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 2.59711e+007 | 0.1400 | 1.1967 | 0.5092 | 7.6400e-003 | | 0.0968 | 0.0968 | | 0.0968 | 0.0968 | 0.0000 | 1,385.9177 | 1,385.9177 | 0.0266 | 0.0254 | 1,394.1535 |
| Elementary School | 1.19807e+006 | 6.4600e-003 | 0.0587 | 0.0493 | 3.5000e-004 | | 4.4600e-003 | 4.4600e-003 | | 4.4600e-003 | 4.4600e-003 | 0.0000 | 63.9336 | 63.9336 | 1.2300e-003 | 1.1700e-003 | 64.3135 |
| Single Family Housing | 4.88884e+007 | 0.2636 | 2.2527 | 0.9586 | 0.0144 | | 0.1821 | 0.1821 | | 0.1821 | 0.1821 | 0.0000 | 2,608.8716 | 2,608.8716 | 0.0500 | 0.0478 | 2,624.3748 |
| Strip Mall | 5.84338e+006 | 0.0315 | 0.2864 | 0.2406 | 1.7200e-003 | | 0.0218 | 0.0218 | | 0.0218 | 0.0218 | 0.0000 | 311.8248 | 311.8248 | 5.9800e-003 | 5.7200e-003 | 313.6778 |
| Total | | 0.4416 | 3.7946 | 1.7578 | 0.0241 | | 0.3051 | 0.3051 | | 0.3051 | 0.3051 | 0.0000 | 4,370.5476 | 4,370.5476 | 0.0838 | 0.0801 | 4,396.5196 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 9.46292e+006 | 1,411.3104 | 0.1245 | 0.0258 | 1,422.0969 |
| Elementary School | 410827 | 61.2712 | 5.4000e-003 | 1.1200e-003 | 61.7395 |
| Single Family Housing | 1.9773e+007 | 2,948.9669 | 0.2601 | 0.0538 | 2,971.5057 |
| Strip Mall | 5.30565e+006 | 791.2909 | 0.0698 | 0.0144 | 797.3387 |
| Total | | 5,212.8393 | 0.4598 | 0.0951 | 5,252.6808 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | -4 | -0.0006 | 0.0000 | 0.0000 | -0.0006 |
| Condo/Townhouse | 8.64818e+006 | 1,289.7994 | 0.1138 | 0.0235 | 1,299.6572 |
| Elementary School | 350779 | 52.3156 | 4.6100e-003 | 9.5000e-004 | 52.7154 |
| Single Family Housing | 1.82178e+007 | 2,717.0190 | 0.2396 | 0.0496 | 2,737.7851 |
| Strip Mall | 4.54398e+006 | 677.6939 | 0.0598 | 0.0124 | 682.8735 |
| Total | | 4,736.8273 | 0.4178 | 0.0864 | 4,773.0306 |

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use only Natural Gas Hearths

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|--------|----------|--------|---------------|--------------|------------|----------------|---------------|-------------|------------|------------|------------|--------|--------|------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 32.1255 | 1.8267 | 30.1326 | 0.0111 | | 0.2839 | 0.2839 | | 0.2839 | 0.2839 | 0.0000 | 1,770.2367 | 1,770.2367 | 0.0792 | 0.0316 | 1,781.6255 |
| Unmitigated | 41.6163 | 3.2327 | 116.3229 | 0.2923 | | 14.3443 | 14.3443 | | 14.3443 | 14.3443 | 1,882.6961 | 1,770.2367 | 3,652.9327 | 8.8805 | 0.0316 | 3,884.3521 |

6.2 Area by SubCategory

Unmitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|-----------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------|-------------------|---------------|---------------|-------------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 5.9189 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 25.1461 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 9.6648 | 2.8930 | 86.8231 | 0.2907 | | 14.1806 | 14.1806 | | 14.1806 | 14.1806 | 1,882.6961 | 1,721.9994 | 3,604.6955 | 8.8342 | 0.0316 | 3,834.9590 |
| Landscaping | 0.8865 | 0.3398 | 29.4999 | 1.5600e-003 | | 0.1637 | 0.1637 | | 0.1637 | 0.1637 | 0.0000 | 48.2373 | 48.2373 | 0.0462 | 0.0000 | 49.3931 |
| Total | 41.6163 | 3.2327 | 116.3229 | 0.2923 | | 14.3443 | 14.3443 | | 14.3443 | 14.3443 | 1,882.6961 | 1,770.2367 | 3,652.9327 | 8.8805 | 0.0316 | 3,884.3521 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

6.2 Area by SubCategory

Mitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 5.9189 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 25.1461 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 0.1740 | 1.4869 | 0.6327 | 9.4900e-003 | | 0.1202 | 0.1202 | | 0.1202 | 0.1202 | 0.0000 | 1,721.9994 | 1,721.9994 | 0.0330 | 0.0316 | 1,732.2324 |
| Landscaping | 0.8865 | 0.3398 | 29.4999 | 1.5600e-003 | | 0.1637 | 0.1637 | | 0.1637 | 0.1637 | 0.0000 | 48.2373 | 48.2373 | 0.0462 | 0.0000 | 49.3931 |
| Total | 32.1255 | 1.8267 | 30.1326 | 0.0111 | | 0.2839 | 0.2839 | | 0.2839 | 0.2839 | 0.0000 | 1,770.2367 | 1,770.2367 | 0.0792 | 0.0316 | 1,781.6255 |

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|---------|--------|----------|
| Category | MT/yr | | | |
| Mitigated | 392.8925 | 8.0803 | 0.1959 | 653.2711 |
| Unmitigated | 491.1156 | 10.1004 | 0.2449 | 816.5889 |

7.2 Water by Land Use

Unmitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-----------------|----------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 78.3399 | 40.8930 | 3.6100e-003 | 7.5000e-004 | 41.2055 |
| Condo/Townhouse | 111.935 / 70.5675 | 162.6791 | 3.6586 | 0.0884 | 280.5004 |
| Elementary School | 1.69697 / 4.36363 | 4.1856 | 0.0556 | 1.3700e-003 | 5.9850 |
| Single Family Housing | 147.053 / 92.7071 | 213.7175 | 4.8065 | 0.1162 | 368.5037 |
| Strip Mall | 48.2212 / 29.5549 | 69.6405 | 1.5761 | 0.0381 | 120.3943 |
| Total | | 491.1156 | 10.1004 | 0.2448 | 816.5889 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

7.2 Water by Land Use

Mitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 62.6719 | 32.7144 | 2.8900e-003 | 6.0000e-004 | 32.9644 |
| Condo/Townhouse | 89.5477 / 56.454 | 130.1432 | 2.9269 | 0.0708 | 224.4003 |
| Elementary School | 1.35757 / 3.49091 | 3.3485 | 0.0445 | 1.1000e-003 | 4.7880 |
| Single Family Housing | 117.642 / 74.1657 | 170.9740 | 3.8452 | 0.0930 | 294.8029 |
| Strip Mall | 38.577 / 23.6439 | 55.7124 | 1.2609 | 0.0305 | 96.3155 |
| Total | | 392.8925 | 8.0803 | 0.1959 | 653.2711 |

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|---------|--------|------------|
| | MT/yr | | | |
| Mitigated | 598.4727 | 35.3687 | 0.0000 | 1,482.6907 |
| Unmitigated | 797.9636 | 47.1583 | 0.0000 | 1,976.9210 |

8.2 Waste by Land Use

Unmitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-----------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 5.65 | 1.1469 | 0.0678 | 0.0000 | 2.8414 |
| Condo/Townhouse | 790.28 | 160.4197 | 9.4805 | 0.0000 | 397.4330 |
| Elementary School | 127.75 | 25.9321 | 1.5325 | 0.0000 | 64.2457 |
| Single Family Housing | 2323.8 | 471.7104 | 27.8773 | 0.0000 | 1,168.6426 |
| Strip Mall | 683.55 | 138.7545 | 8.2002 | 0.0000 | 343.7583 |
| Total | | 797.9636 | 47.1583 | 0.0000 | 1,976.9210 |

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

8.2 Waste by Land Use

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-----------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 4.2375 | 0.8602 | 0.0508 | 0.0000 | 2.1311 |
| Condo/Townhouse | 592.71 | 120.3148 | 7.1104 | 0.0000 | 298.0748 |
| Elementary School | 95.8125 | 19.4491 | 1.1494 | 0.0000 | 48.1843 |
| Single Family Housing | 1742.85 | 353.7828 | 20.9080 | 0.0000 | 876.4819 |
| Strip Mall | 512.662 | 104.0659 | 6.1501 | 0.0000 | 257.8188 |
| Total | | 598.4727 | 35.3687 | 0.0000 | 1,482.6907 |

9.0 Operational Offroad

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

| Equipment Type | Number | Hours/Day | Hours/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|------------|-------------|-------------|-----------|
|----------------|--------|-----------|------------|-------------|-------------|-----------|

Boilers

| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

Village D Specific Plan - Phase I Operation Mitigated - Madera County, Annual

User Defined Equipment

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

11.0 Vegetation

Village D Specific Plan - Phase I Operation - Madera County, Annual

**Village D Specific Plan - Phase I Operation
Madera County, Annual**

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-----------------------|----------|---------------|-------------|--------------------|------------|
| Elementary School | 700.00 | Student | 16.68 | 58,522.36 | 0 |
| City Park | 65.75 | Acre | 65.75 | 2,864,070.00 | 0 |
| Condo/Townhouse | 1,718.00 | Dwelling Unit | 169.79 | 1,718,000.00 | 4913 |
| Single Family Housing | 2,257.00 | Dwelling Unit | 295.91 | 4,062,600.00 | 6455 |
| Strip Mall | 651.00 | 1000sqft | 42.65 | 651,000.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|---------------------------------|--------------------------------|---------------------------------|-------|----------------------------------|-------|
| Urbanization | Rural | Wind Speed (m/s) | 2.9 | Precipitation Freq (Days) | 51 |
| Climate Zone | 3 | | | Operational Year | 2029 |
| Utility Company | Pacific Gas & Electric Company | | | | |
| CO2 Intensity (lb/MW hr) | 328.8 | CH4 Intensity (lb/MW hr) | 0.029 | N2O Intensity (lb/MW hr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

Village D Specific Plan - Phase I Operation - Madera County, Annual

Project Characteristics - CO2 intensity based on 5-year average (PG&E 2015)

Land Use - Based on land use summary

Construction Phase - Assuming construction start in 2021 and operational by 2029

Vehicle Trips - Based on trip generation prepared for the proposed project

Construction Off-road Equipment Mitigation - Assuming Tier 2 construction equipment and compliance with SJVAPCD Rule 9510

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation - Assuming compliance with 2019 Title 24 improvements and assuming energy-efficient clothes washers, dishwashers, fans, and refrigerators in all residential units

Water Mitigation - Assuming installation of low flow fixtures and appliances

Waste Mitigation - Assuming 25 percent reduction in waste disposed, consistent with the CalRecycle Waste Diversion and Recycling Mandate

Village D Specific Plan - Phase I Operation - Madera County, Annual

| Table Name | Column Name | Default Value | New Value |
|---------------------------|------------------------------|---------------|-----------|
| tblConstDustMitigation | WaterUnpavedRoadVehicleSpeed | 0 | 15 |
| tblConstructionPhase | NumDays | 660.00 | 2,085.00 |
| tblConstructionPhase | NumDays | 9,300.00 | 2,085.00 |
| tblConstructionPhase | NumDays | 930.00 | 260.00 |
| tblConstructionPhase | NumDays | 660.00 | 2,085.00 |
| tblConstructionPhase | NumDays | 360.00 | 260.00 |
| tblGrading | AcresOfGrading | 650.00 | 2,325.00 |
| tblLandUse | LotAcreage | 1.34 | 16.68 |
| tblLandUse | LotAcreage | 107.38 | 169.79 |
| tblLandUse | LotAcreage | 732.79 | 295.91 |
| tblLandUse | LotAcreage | 14.94 | 42.65 |
| tblProjectCharacteristics | CO2IntensityFactor | 641.35 | 328.8 |
| tblProjectCharacteristics | UrbanizationLevel | Urban | Rural |
| tblVehicleTrips | ST_TR | 5.67 | 0.00 |
| tblVehicleTrips | ST_TR | 9.91 | 13.84 |
| tblVehicleTrips | ST_TR | 42.04 | 0.00 |
| tblVehicleTrips | ST_TR | 22.75 | 0.00 |
| tblVehicleTrips | SU_TR | 4.84 | 0.00 |
| tblVehicleTrips | SU_TR | 8.62 | 13.84 |
| tblVehicleTrips | SU_TR | 20.43 | 0.00 |
| tblVehicleTrips | SU_TR | 16.74 | 0.00 |
| tblVehicleTrips | WD_TR | 5.81 | 0.00 |
| tblVehicleTrips | WD_TR | 1.29 | 0.00 |
| tblVehicleTrips | WD_TR | 9.52 | 13.84 |
| tblVehicleTrips | WD_TR | 44.32 | 0.00 |
| tblVehicleTrips | WD_TR | 1.89 | 0.00 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2021 | 1.0791 | 11.3161 | 6.9771 | 0.0136 | 4.4255 | 0.5243 | 4.9498 | 1.8707 | 0.4824 | 2.3531 | 0.0000 | 1,197.179 5 | 1,197.179 5 | 0.3712 | 0.0000 | 1,206.460 6 |
| 2022 | 11.1305 | 18.5809 | 28.6469 | 0.1047 | 7.5434 | 0.2732 | 7.8166 | 2.0234 | 0.2557 | 2.2791 | 0.0000 | 9,596.320 4 | 9,596.320 4 | 0.5861 | 0.0000 | 9,610.972 0 |
| 2023 | 10.7672 | 15.1373 | 26.2806 | 0.1015 | 7.5434 | 0.2237 | 7.7671 | 2.0234 | 0.2088 | 2.2322 | 0.0000 | 9,301.388 7 | 9,301.388 7 | 0.4890 | 0.0000 | 9,313.614 8 |
| 2024 | 10.6414 | 14.7898 | 25.0765 | 0.1008 | 7.6014 | 0.2079 | 7.8093 | 2.0390 | 0.1939 | 2.2328 | 0.0000 | 9,240.921 3 | 9,240.921 3 | 0.4901 | 0.0000 | 9,253.173 6 |
| 2025 | 10.4000 | 14.2383 | 23.3278 | 0.0978 | 7.5724 | 0.1869 | 7.7593 | 2.0312 | 0.1743 | 2.2054 | 0.0000 | 8,964.246 1 | 8,964.246 1 | 0.4848 | 0.0000 | 8,976.365 4 |
| 2026 | 10.2631 | 14.0375 | 22.3276 | 0.0969 | 7.5724 | 0.1875 | 7.7599 | 2.0312 | 0.1748 | 2.2060 | 0.0000 | 8,884.547 2 | 8,884.547 2 | 0.4810 | 0.0000 | 8,896.571 1 |
| 2027 | 10.1183 | 13.8345 | 21.1184 | 0.0947 | 7.5724 | 0.1849 | 7.7573 | 2.0312 | 0.1724 | 2.2035 | 0.0000 | 8,689.346 1 | 8,689.346 1 | 0.4705 | 0.0000 | 8,701.107 4 |
| 2028 | 9.9262 | 13.6117 | 19.9726 | 0.0925 | 7.5434 | 0.1808 | 7.7242 | 2.0234 | 0.1686 | 2.1920 | 0.0000 | 8,485.698 4 | 8,485.698 4 | 0.4591 | 0.0000 | 8,497.176 3 |
| 2029 | 9.7724 | 13.4520 | 18.9875 | 0.0908 | 7.5434 | 0.1778 | 7.7211 | 2.0234 | 0.1658 | 2.1892 | 0.0000 | 8,335.301 5 | 8,335.301 5 | 0.4491 | 0.0000 | 8,346.527 7 |
| Maximum | 11.1305 | 18.5809 | 28.6469 | 0.1047 | 7.6014 | 0.5243 | 7.8166 | 2.0390 | 0.4824 | 2.3531 | 0.0000 | 9,596.320 4 | 9,596.320 4 | 0.5861 | 0.0000 | 9,610.972 0 |

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2.1 Overall Construction

Mitigated Construction

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2021 | 1.0791 | 11.3160 | 6.9771 | 0.0136 | 2.0251 | 0.5243 | 2.5495 | 0.8508 | 0.4824 | 1.3331 | 0.0000 | 1,197.178 2 | 1,197.178 2 | 0.3712 | 0.0000 | 1,206.459 2 |
| 2022 | 11.1305 | 18.5809 | 28.6469 | 0.1047 | 7.5434 | 0.2732 | 7.8166 | 2.0234 | 0.2557 | 2.2791 | 0.0000 | 9,596.319 7 | 9,596.319 7 | 0.5861 | 0.0000 | 9,610.971 3 |
| 2023 | 10.7672 | 15.1373 | 26.2806 | 0.1015 | 7.5434 | 0.2237 | 7.7671 | 2.0234 | 0.2088 | 2.2322 | 0.0000 | 9,301.388 0 | 9,301.388 0 | 0.4890 | 0.0000 | 9,313.614 1 |
| 2024 | 10.6414 | 14.7898 | 25.0765 | 0.1008 | 7.6014 | 0.2079 | 7.8093 | 2.0390 | 0.1939 | 2.2328 | 0.0000 | 9,240.920 6 | 9,240.920 6 | 0.4901 | 0.0000 | 9,253.172 9 |
| 2025 | 10.4000 | 14.2383 | 23.3278 | 0.0978 | 7.5724 | 0.1869 | 7.7593 | 2.0312 | 0.1743 | 2.2054 | 0.0000 | 8,964.245 4 | 8,964.245 4 | 0.4848 | 0.0000 | 8,976.364 7 |
| 2026 | 10.2631 | 14.0374 | 22.3276 | 0.0969 | 7.5724 | 0.1875 | 7.7599 | 2.0312 | 0.1748 | 2.2060 | 0.0000 | 8,884.546 5 | 8,884.546 5 | 0.4810 | 0.0000 | 8,896.570 4 |
| 2027 | 10.1183 | 13.8345 | 21.1184 | 0.0947 | 7.5724 | 0.1849 | 7.7573 | 2.0312 | 0.1724 | 2.2035 | 0.0000 | 8,689.345 3 | 8,689.345 3 | 0.4705 | 0.0000 | 8,701.106 6 |
| 2028 | 9.9262 | 13.6117 | 19.9725 | 0.0925 | 7.5434 | 0.1808 | 7.7242 | 2.0234 | 0.1686 | 2.1920 | 0.0000 | 8,485.697 7 | 8,485.697 7 | 0.4591 | 0.0000 | 8,497.175 6 |
| 2029 | 9.7724 | 13.4520 | 18.9875 | 0.0908 | 7.5434 | 0.1778 | 7.7211 | 2.0234 | 0.1658 | 2.1892 | 0.0000 | 8,335.300 8 | 8,335.300 8 | 0.4491 | 0.0000 | 8,346.527 0 |
| Maximum | 11.1305 | 18.5809 | 28.6469 | 0.1047 | 7.6014 | 0.5243 | 7.8166 | 2.0390 | 0.4824 | 2.2791 | 0.0000 | 9,596.319 7 | 9,596.319 7 | 0.5861 | 0.0000 | 9,610.971 3 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|-------------|-------------|-------------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Percent Reduction | 0.00 | 0.00 | 0.00 | 0.00 | 3.70 | 0.00 | 3.58 | 5.64 | 0.00 | 5.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| Quarter | Start Date | End Date | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|----------|--|--|
| 1 | 1-4-2021 | 4-3-2021 | 3.0658 | 3.0658 |

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| | | | | |
|----|-----------|-----------|--------|--------|
| 2 | 4-4-2021 | 7-3-2021 | 3.0991 | 3.0991 |
| 3 | 7-4-2021 | 10-3-2021 | 3.1332 | 3.1332 |
| 4 | 10-4-2021 | 1-3-2022 | 3.1145 | 3.1145 |
| 5 | 1-4-2022 | 4-3-2022 | 7.4444 | 7.4444 |
| 6 | 4-4-2022 | 7-3-2022 | 7.4286 | 7.4286 |
| 7 | 7-4-2022 | 10-3-2022 | 7.5136 | 7.5136 |
| 8 | 10-4-2022 | 1-3-2023 | 7.5817 | 7.5817 |
| 9 | 1-4-2023 | 4-3-2023 | 6.4966 | 6.4966 |
| 10 | 4-4-2023 | 7-3-2023 | 6.4892 | 6.4892 |
| 11 | 7-4-2023 | 10-3-2023 | 6.5632 | 6.5632 |
| 12 | 10-4-2023 | 1-3-2024 | 6.6380 | 6.6380 |
| 13 | 1-4-2024 | 4-3-2024 | 6.3944 | 6.3944 |
| 14 | 4-4-2024 | 7-3-2024 | 6.3216 | 6.3216 |
| 15 | 7-4-2024 | 10-3-2024 | 6.3936 | 6.3936 |
| 16 | 10-4-2024 | 1-3-2025 | 6.4612 | 6.4612 |
| 17 | 1-4-2025 | 4-3-2025 | 6.1460 | 6.1460 |
| 18 | 4-4-2025 | 7-3-2025 | 6.1477 | 6.1477 |
| 19 | 7-4-2025 | 10-3-2025 | 6.2175 | 6.2175 |
| 20 | 10-4-2025 | 1-3-2026 | 6.2819 | 6.2819 |
| 21 | 1-4-2026 | 4-3-2026 | 6.0575 | 6.0575 |
| 22 | 4-4-2026 | 7-3-2026 | 6.0629 | 6.0629 |
| 23 | 7-4-2026 | 10-3-2026 | 6.1317 | 6.1317 |
| 24 | 10-4-2026 | 1-3-2027 | 6.1913 | 6.1913 |
| 25 | 1-4-2027 | 4-3-2027 | 5.9666 | 5.9666 |
| 26 | 4-4-2027 | 7-3-2027 | 5.9755 | 5.9755 |
| 27 | 7-4-2027 | 10-3-2027 | 6.0432 | 6.0432 |
| 28 | 10-4-2027 | 1-3-2028 | 6.0984 | 6.0984 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

| | | | | |
|----|-----------|-----------|--------|--------|
| 29 | 1-4-2028 | 4-3-2028 | 5.9466 | 5.9466 |
| 30 | 4-4-2028 | 7-3-2028 | 5.8938 | 5.8938 |
| 31 | 7-4-2028 | 10-3-2028 | 5.9604 | 5.9604 |
| 32 | 10-4-2028 | 1-3-2029 | 6.0110 | 6.0110 |
| 33 | 1-4-2029 | 4-3-2029 | 5.7983 | 5.7983 |
| 34 | 4-4-2029 | 7-3-2029 | 5.8143 | 5.8143 |
| 35 | 7-4-2029 | 9-30-2029 | 5.6866 | 5.6866 |
| | | Highest | 7.5817 | 7.5817 |

2.2 Overall Operational
Unmitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|-----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|-------------------------|----------------|---------------|-------------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 41.6163 | 3.2327 | 116.3229 | 0.2923 | | 14.3443 | 14.3443 | | 14.3443 | 14.3443 | 1,882.696 1 | 1,770.236 7 | 3,652.932 7 | 8.8805 | 0.0316 | 3,884.352 1 |
| Energy | 0.5301 | 4.5548 | 2.1096 | 0.0289 | | 0.3663 | 0.3663 | | 0.3663 | 0.3663 | 0.0000 | 10,459.02 84 | 10,459.02 84 | 0.5603 | 0.1913 | 10,530.04 53 |
| Mobile | 8.8266 | 78.3836 | 100.2080 | 0.5711 | 43.9143 | 0.3392 | 44.2534 | 11.7872 | 0.3167 | 12.1039 | 0.0000 | 53,034.45 62 | 53,034.45 62 | 2.7927 | 0.0000 | 53,104.27 40 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 797.9636 | 0.0000 | 797.9636 | 47.1583 | 0.0000 | 1,976.921 0 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 98.0014 | 393.1142 | 491.1156 | 10.1004 | 0.2449 | 816.5889 |
| Total | 50.9729 | 86.1711 | 218.6405 | 0.8923 | 43.9143 | 15.0497 | 58.9640 | 11.7872 | 15.0272 | 26.8144 | 2,778.661 1 | 65,656.83 54 | 68,435.49 65 | 69.4922 | 0.4677 | 70,312.18 12 |

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2.2 Overall Operational

Mitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|-----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|--------------------|--------------------|----------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 41.6163 | 3.2327 | 116.3229 | 0.2923 | | 14.3443 | 14.3443 | | 14.3443 | 14.3443 | 1,882.6961 | 1,770.2367 | 3,652.9327 | 8.8805 | 0.0316 | 3,884.3521 |
| Energy | 0.4991 | 4.2887 | 1.9865 | 0.0272 | | 0.3449 | 0.3449 | | 0.3449 | 0.3449 | 0.0000 | 10,010.1539 | 10,010.1539 | 0.5419 | 0.1831 | 10,078.2612 |
| Mobile | 8.7945 | 78.1696 | 99.6171 | 0.5676 | 43.6068 | 0.3370 | 43.9437 | 11.7047 | 0.3146 | 12.0193 | 0.0000 | 52,709.1945 | 52,709.1945 | 2.7853 | 0.0000 | 52,778.8278 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 598.4727 | 0.0000 | 598.4727 | 35.3687 | 0.0000 | 1,482.6907 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 78.4012 | 343.2567 | 421.6578 | 8.0828 | 0.1964 | 682.2563 |
| Total | 50.9099 | 85.6911 | 217.9265 | 0.8871 | 43.6068 | 15.0261 | 58.6329 | 11.7047 | 15.0038 | 26.7085 | 2,559.5699 | 64,832.8417 | 67,392.4115 | 55.6592 | 0.4111 | 68,906.3881 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|-------------|-------------|-------------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|
| Percent Reduction | 0.12 | 0.56 | 0.33 | 0.58 | 0.70 | 0.16 | 0.56 | 0.70 | 0.16 | 0.40 | 7.88 | 1.26 | 1.52 | 19.91 | 12.11 | 2.00 |

3.0 Construction Detail

Construction Phase

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| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1 | Site Preparation | Site Preparation | 1/4/2021 | 12/31/2021 | 5 | 260 | |
| 2 | Grading | Grading | 1/4/2021 | 12/31/2021 | 5 | 260 | |
| 3 | Building Construction | Building Construction | 1/3/2022 | 12/28/2029 | 5 | 2085 | |
| 4 | Paving | Paving | 1/3/2022 | 12/28/2029 | 5 | 2085 | |
| 5 | Architectural Coating | Architectural Coating | 1/3/2022 | 12/28/2029 | 5 | 2085 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 2325

Acres of Paving: 0

Residential Indoor: 11,705,715; Residential Outdoor: 3,901,905; Non-Residential Indoor: 1,064,284; Non-Residential Outdoor: 354,761; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Village D Specific Plan - Phase I Operation - Madera County, Annual

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Site Preparation | Rubber Tired Dozers | 3 | 8.00 | 247 | 0.40 |
| Site Preparation | Tractors/Loaders/Backhoes | 4 | 8.00 | 97 | 0.37 |
| Grading | Excavators | 2 | 8.00 | 158 | 0.38 |
| Grading | Graders | 1 | 8.00 | 187 | 0.41 |
| Grading | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Grading | Scrapers | 2 | 8.00 | 367 | 0.48 |
| Grading | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Paving | Pavers | 2 | 8.00 | 130 | 0.42 |
| Paving | Paving Equipment | 2 | 8.00 | 132 | 0.36 |
| Paving | Rollers | 2 | 8.00 | 80 | 0.38 |
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |
| Building Construction | Cranes | 1 | 7.00 | 231 | 0.29 |
| Building Construction | Forklifts | 3 | 8.00 | 89 | 0.20 |
| Building Construction | Generator Sets | 1 | 8.00 | 84 | 0.74 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97 | 0.37 |
| Building Construction | Welders | 1 | 8.00 | 46 | 0.45 |

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 697.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 3,485.00 | 1,011.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3486 | 0.0000 | 2.3486 | 1.2910 | 0.0000 | 1.2910 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | | 0.2658 | 0.2658 | | 0.2445 | 0.2445 | 0.0000 | 434.6643 | 434.6643 | 0.1406 | 0.0000 | 438.1788 |
| Total | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | 2.3486 | 0.2658 | 2.6144 | 1.2910 | 0.2445 | 1.5355 | 0.0000 | 434.6643 | 434.6643 | 0.1406 | 0.0000 | 438.1788 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.2 Site Preparation - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |
| Total | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0569 | 0.0000 | 1.0569 | 0.5809 | 0.0000 | 0.5809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | | 0.2658 | 0.2658 | | 0.2445 | 0.2445 | 0.0000 | 434.6638 | 434.6638 | 0.1406 | 0.0000 | 438.1783 |
| Total | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | 1.0569 | 0.2658 | 1.3227 | 0.5809 | 0.2445 | 0.8255 | 0.0000 | 434.6638 | 434.6638 | 0.1406 | 0.0000 | 438.1783 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.2 Site Preparation - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |
| Total | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |

3.3 Grading - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.0157 | 0.0000 | 2.0157 | 0.5635 | 0.0000 | 0.5635 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | | 0.2581 | 0.2581 | | 0.2375 | 0.2375 | 0.0000 | 708.4348 | 708.4348 | 0.2291 | 0.0000 | 714.1628 |
| Total | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | 2.0157 | 0.2581 | 2.2738 | 0.5635 | 0.2375 | 0.8009 | 0.0000 | 708.4348 | 708.4348 | 0.2291 | 0.0000 | 714.1628 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.3 Grading - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |
| Total | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.9071 | 0.0000 | 0.9071 | 0.2536 | 0.0000 | 0.2536 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | | 0.2581 | 0.2581 | | 0.2375 | 0.2375 | 0.0000 | 708.4339 | 708.4339 | 0.2291 | 0.0000 | 714.1620 |
| Total | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | 0.9071 | 0.2581 | 1.1652 | 0.2536 | 0.2375 | 0.4910 | 0.0000 | 708.4339 | 708.4339 | 0.2291 | 0.0000 | 714.1620 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.3 Grading - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |
| Total | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |

3.4 Building Construction - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2428 | 301.2428 | 0.0722 | 0.0000 | 303.0471 |
| Total | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2428 | 301.2428 | 0.0722 | 0.0000 | 303.0471 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4146 | 13.0011 | 2.9062 | 0.0342 | 0.7859 | 0.0345 | 0.8205 | 0.2272 | 0.0330 | 0.2602 | 0.0000 | 3,244.5549 | 3,244.5549 | 0.2756 | 0.0000 | 3,251.4450 |
| Worker | 2.4439 | 1.5946 | 17.8379 | 0.0529 | 5.6111 | 0.0408 | 5.6518 | 1.4915 | 0.0375 | 1.5290 | 0.0000 | 4,780.3307 | 4,780.3307 | 0.1262 | 0.0000 | 4,783.4845 |
| Total | 2.8586 | 14.5957 | 20.7441 | 0.0871 | 6.3970 | 0.0753 | 6.4723 | 1.7187 | 0.0705 | 1.7892 | 0.0000 | 8,024.8856 | 8,024.8856 | 0.4018 | 0.0000 | 8,034.9295 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2425 | 301.2425 | 0.0722 | 0.0000 | 303.0467 |
| Total | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2425 | 301.2425 | 0.0722 | 0.0000 | 303.0467 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.4 Building Construction - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4146 | 13.0011 | 2.9062 | 0.0342 | 0.7859 | 0.0345 | 0.8205 | 0.2272 | 0.0330 | 0.2602 | 0.0000 | 3,244.5549 | 3,244.5549 | 0.2756 | 0.0000 | 3,251.4450 |
| Worker | 2.4439 | 1.5946 | 17.8379 | 0.0529 | 5.6111 | 0.0408 | 5.6518 | 1.4915 | 0.0375 | 1.5290 | 0.0000 | 4,780.3307 | 4,780.3307 | 0.1262 | 0.0000 | 4,783.4845 |
| Total | 2.8586 | 14.5957 | 20.7441 | 0.0871 | 6.3970 | 0.0753 | 6.4723 | 1.7187 | 0.0705 | 1.7892 | 0.0000 | 8,024.8856 | 8,024.8856 | 0.4018 | 0.0000 | 8,034.9295 |

3.4 Building Construction - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3462 | 301.3462 | 0.0717 | 0.0000 | 303.1383 |
| Total | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3462 | 301.3462 | 0.0717 | 0.0000 | 303.1383 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2912 | 10.0539 | 2.3967 | 0.0334 | 0.7859 | 9.5500e-003 | 0.7955 | 0.2272 | 9.1300e-003 | 0.2363 | 0.0000 | 3,167.1910 | 3,167.1910 | 0.1956 | 0.0000 | 3,172.0811 |
| Worker | 2.2681 | 1.4274 | 16.3089 | 0.0509 | 5.6111 | 0.0396 | 5.6506 | 1.4915 | 0.0364 | 1.5279 | 0.0000 | 4,599.5938 | 4,599.5938 | 0.1126 | 0.0000 | 4,602.4080 |
| Total | 2.5593 | 11.4813 | 18.7056 | 0.0843 | 6.3970 | 0.0491 | 6.4461 | 1.7187 | 0.0456 | 1.7642 | 0.0000 | 7,766.7848 | 7,766.7848 | 0.3082 | 0.0000 | 7,774.4891 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3458 | 301.3458 | 0.0717 | 0.0000 | 303.1380 |
| Total | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3458 | 301.3458 | 0.0717 | 0.0000 | 303.1380 |

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3.4 Building Construction - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2912 | 10.0539 | 2.3967 | 0.0334 | 0.7859 | 9.5500e-003 | 0.7955 | 0.2272 | 9.1300e-003 | 0.2363 | 0.0000 | 3,167.1910 | 3,167.1910 | 0.1956 | 0.0000 | 3,172.0811 |
| Worker | 2.2681 | 1.4274 | 16.3089 | 0.0509 | 5.6111 | 0.0396 | 5.6506 | 1.4915 | 0.0364 | 1.5279 | 0.0000 | 4,599.5938 | 4,599.5938 | 0.1126 | 0.0000 | 4,602.4080 |
| Total | 2.5593 | 11.4813 | 18.7056 | 0.0843 | 6.3970 | 0.0491 | 6.4461 | 1.7187 | 0.0456 | 1.7642 | 0.0000 | 7,766.7848 | 7,766.7848 | 0.3082 | 0.0000 | 7,774.4891 |

3.4 Building Construction - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7223 | 303.7223 | 0.0718 | 0.0000 | 305.5179 |
| Total | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7223 | 303.7223 | 0.0718 | 0.0000 | 305.5179 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2793 | 10.0489 | 2.1986 | 0.0334 | 0.7920 | 9.4900e-003 | 0.8015 | 0.2290 | 9.0700e-003 | 0.2380 | 0.0000 | 3,166.6569 | 3,166.6569 | 0.2042 | 0.0000 | 3,171.7624 |
| Worker | 2.1412 | 1.3056 | 15.4504 | 0.0503 | 5.6542 | 0.0404 | 5.6946 | 1.5029 | 0.0372 | 1.5401 | 0.0000 | 4,545.9835 | 4,545.9835 | 0.1057 | 0.0000 | 4,548.6266 |
| Total | 2.4204 | 11.3546 | 17.6490 | 0.0836 | 6.4462 | 0.0499 | 6.4961 | 1.7319 | 0.0463 | 1.7782 | 0.0000 | 7,712.6404 | 7,712.6404 | 0.3099 | 0.0000 | 7,720.3889 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7220 | 303.7220 | 0.0718 | 0.0000 | 305.5175 |
| Total | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7220 | 303.7220 | 0.0718 | 0.0000 | 305.5175 |

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3.4 Building Construction - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2793 | 10.0489 | 2.1986 | 0.0334 | 0.7920 | 9.4900e-003 | 0.8015 | 0.2290 | 9.0700e-003 | 0.2380 | 0.0000 | 3,166.6569 | 3,166.6569 | 0.2042 | 0.0000 | 3,171.7624 |
| Worker | 2.1412 | 1.3056 | 15.4504 | 0.0503 | 5.6542 | 0.0404 | 5.6946 | 1.5029 | 0.0372 | 1.5401 | 0.0000 | 4,545.9835 | 4,545.9835 | 0.1057 | 0.0000 | 4,548.6266 |
| Total | 2.4204 | 11.3546 | 17.6490 | 0.0836 | 6.4462 | 0.0499 | 6.4961 | 1.7319 | 0.0463 | 1.7782 | 0.0000 | 7,712.6404 | 7,712.6404 | 0.3099 | 0.0000 | 7,720.3889 |

3.4 Building Construction - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

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3.4 Building Construction - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2662 | 9.9261 | 2.0075 | 0.0330 | 0.7890 | 9.3100e-003 | 0.7983 | 0.2281 | 8.8900e-003 | 0.2370 | 0.0000 | 3,131.9904 | 3,131.9904 | 0.2131 | 0.0000 | 3,137.3171 |
| Worker | 1.9965 | 1.1754 | 14.1848 | 0.0481 | 5.6327 | 0.0394 | 5.6720 | 1.4972 | 0.0362 | 1.5334 | 0.0000 | 4,346.9331 | 4,346.9331 | 0.0949 | 0.0000 | 4,349.3047 |
| Total | 2.2627 | 11.1015 | 16.1922 | 0.0811 | 6.4216 | 0.0487 | 6.4703 | 1.7253 | 0.0451 | 1.7704 | 0.0000 | 7,478.9235 | 7,478.9235 | 0.3079 | 0.0000 | 7,486.6218 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |
| Total | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |

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3.4 Building Construction - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2662 | 9.9261 | 2.0075 | 0.0330 | 0.7890 | 9.3100e-003 | 0.7983 | 0.2281 | 8.8900e-003 | 0.2370 | 0.0000 | 3,131.9904 | 3,131.9904 | 0.2131 | 0.0000 | 3,137.3171 |
| Worker | 1.9965 | 1.1754 | 14.1848 | 0.0481 | 5.6327 | 0.0394 | 5.6720 | 1.4972 | 0.0362 | 1.5334 | 0.0000 | 4,346.9331 | 4,346.9331 | 0.0949 | 0.0000 | 4,349.3047 |
| Total | 2.2627 | 11.1015 | 16.1922 | 0.0811 | 6.4216 | 0.0487 | 6.4703 | 1.7253 | 0.0451 | 1.7704 | 0.0000 | 7,478.9235 | 7,478.9235 | 0.3079 | 0.0000 | 7,486.6218 |

3.4 Building Construction - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

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3.4 Building Construction - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2583 | 9.8357 | 1.9073 | 0.0328 | 0.7890 | 9.1800e-003 | 0.7982 | 0.2281 | 8.7800e-003 | 0.2369 | 0.0000 | 3,111.0546 | 3,111.0546 | 0.2151 | 0.0000 | 3,116.4310 |
| Worker | 1.8894 | 1.0836 | 13.4374 | 0.0475 | 5.6327 | 0.0400 | 5.6726 | 1.4972 | 0.0368 | 1.5340 | 0.0000 | 4,298.1388 | 4,298.1388 | 0.0901 | 0.0000 | 4,300.3901 |
| Total | 2.1477 | 10.9194 | 15.3447 | 0.0803 | 6.4216 | 0.0491 | 6.4708 | 1.7253 | 0.0455 | 1.7708 | 0.0000 | 7,409.1934 | 7,409.1934 | 0.3051 | 0.0000 | 7,416.8210 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |
| Total | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |

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3.4 Building Construction - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2583 | 9.8357 | 1.9073 | 0.0328 | 0.7890 | 9.1800e-003 | 0.7982 | 0.2281 | 8.7800e-003 | 0.2369 | 0.0000 | 3,111.0546 | 3,111.0546 | 0.2151 | 0.0000 | 3,116.4310 |
| Worker | 1.8894 | 1.0836 | 13.4374 | 0.0475 | 5.6327 | 0.0400 | 5.6726 | 1.4972 | 0.0368 | 1.5340 | 0.0000 | 4,298.1388 | 4,298.1388 | 0.0901 | 0.0000 | 4,300.3901 |
| Total | 2.1477 | 10.9194 | 15.3447 | 0.0803 | 6.4216 | 0.0491 | 6.4708 | 1.7253 | 0.0455 | 1.7708 | 0.0000 | 7,409.1934 | 7,409.1934 | 0.3051 | 0.0000 | 7,416.8210 |

3.4 Building Construction - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

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3.4 Building Construction - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2517 | 9.7471 | 1.8247 | 0.0326 | 0.7890 | 9.0600e-003 | 0.7980 | 0.2281 | 8.6600e-003 | 0.2368 | 0.0000 | 3,092.9411 | 3,092.9411 | 0.2145 | 0.0000 | 3,098.3037 |
| Worker | 1.7747 | 0.9887 | 12.5019 | 0.0459 | 5.6327 | 0.0379 | 5.6705 | 1.4972 | 0.0348 | 1.5321 | 0.0000 | 4,151.0932 | 4,151.0932 | 0.0818 | 0.0000 | 4,153.1378 |
| Total | 2.0263 | 10.7358 | 14.3267 | 0.0785 | 6.4216 | 0.0469 | 6.4686 | 1.7253 | 0.0435 | 1.7688 | 0.0000 | 7,244.0343 | 7,244.0343 | 0.2963 | 0.0000 | 7,251.4415 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |
| Total | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |

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3.4 Building Construction - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2517 | 9.7471 | 1.8247 | 0.0326 | 0.7890 | 9.0600e-003 | 0.7980 | 0.2281 | 8.6600e-003 | 0.2368 | 0.0000 | 3,092.9411 | 3,092.9411 | 0.2145 | 0.0000 | 3,098.3037 |
| Worker | 1.7747 | 0.9887 | 12.5019 | 0.0459 | 5.6327 | 0.0379 | 5.6705 | 1.4972 | 0.0348 | 1.5321 | 0.0000 | 4,151.0932 | 4,151.0932 | 0.0818 | 0.0000 | 4,153.1378 |
| Total | 2.0263 | 10.7358 | 14.3267 | 0.0785 | 6.4216 | 0.0469 | 6.4686 | 1.7253 | 0.0435 | 1.7688 | 0.0000 | 7,244.0343 | 7,244.0343 | 0.2963 | 0.0000 | 7,251.4415 |

3.4 Building Construction - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4953 | 301.4953 | 0.0709 | 0.0000 | 303.2671 |
| Total | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4953 | 301.4953 | 0.0709 | 0.0000 | 303.2671 |

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3.4 Building Construction - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2451 | 9.6423 | 1.7491 | 0.0323 | 0.7860 | 8.9400e-003 | 0.7949 | 0.2272 | 8.5400e-003 | 0.2358 | 0.0000 | 3,066.7679 | 3,066.7679 | 0.2128 | 0.0000 | 3,072.0872 |
| Worker | 1.6452 | 0.9000 | 11.6267 | 0.0443 | 5.6111 | 0.0350 | 5.6461 | 1.4915 | 0.0322 | 1.5237 | 0.0000 | 4,005.6264 | 4,005.6264 | 0.0743 | 0.0000 | 4,007.4841 |
| Total | 1.8902 | 10.5423 | 13.3758 | 0.0766 | 6.3970 | 0.0440 | 6.4410 | 1.7187 | 0.0408 | 1.7595 | 0.0000 | 7,072.3944 | 7,072.3944 | 0.2871 | 0.0000 | 7,079.5714 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4949 | 301.4949 | 0.0709 | 0.0000 | 303.2667 |
| Total | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4949 | 301.4949 | 0.0709 | 0.0000 | 303.2667 |

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3.4 Building Construction - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2451 | 9.6423 | 1.7491 | 0.0323 | 0.7860 | 8.9400e-003 | 0.7949 | 0.2272 | 8.5400e-003 | 0.2358 | 0.0000 | 3,066.7679 | 3,066.7679 | 0.2128 | 0.0000 | 3,072.0872 |
| Worker | 1.6452 | 0.9000 | 11.6267 | 0.0443 | 5.6111 | 0.0350 | 5.6461 | 1.4915 | 0.0322 | 1.5237 | 0.0000 | 4,005.6264 | 4,005.6264 | 0.0743 | 0.0000 | 4,007.4841 |
| Total | 1.8902 | 10.5423 | 13.3758 | 0.0766 | 6.3970 | 0.0440 | 6.4410 | 1.7187 | 0.0408 | 1.7595 | 0.0000 | 7,072.3944 | 7,072.3944 | 0.2871 | 0.0000 | 7,079.5714 |

3.4 Building Construction - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4953 | 301.4953 | 0.0709 | 0.0000 | 303.2671 |
| Total | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4953 | 301.4953 | 0.0709 | 0.0000 | 303.2671 |

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3.4 Building Construction - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2398 | 9.5749 | 1.6864 | 0.0322 | 0.7860 | 8.8400e-003 | 0.7948 | 0.2272 | 8.4500e-003 | 0.2357 | 0.0000 | 3,054.1533 | 3,054.1533 | 0.2107 | 0.0000 | 3,059.4196 |
| Worker | 1.5218 | 0.8233 | 10.8609 | 0.0430 | 5.6111 | 0.0326 | 5.6436 | 1.4915 | 0.0300 | 1.5214 | 0.0000 | 3,891.2182 | 3,891.2182 | 0.0677 | 0.0000 | 3,892.9110 |
| Total | 1.7616 | 10.3982 | 12.5473 | 0.0752 | 6.3970 | 0.0414 | 6.4384 | 1.7187 | 0.0384 | 1.7571 | 0.0000 | 6,945.3715 | 6,945.3715 | 0.2784 | 0.0000 | 6,952.3305 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4949 | 301.4949 | 0.0709 | 0.0000 | 303.2667 |
| Total | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4949 | 301.4949 | 0.0709 | 0.0000 | 303.2667 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.4 Building Construction - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2398 | 9.5749 | 1.6864 | 0.0322 | 0.7860 | 8.8400e-003 | 0.7948 | 0.2272 | 8.4500e-003 | 0.2357 | 0.0000 | 3,054.1533 | 3,054.1533 | 0.2107 | 0.0000 | 3,059.4196 |
| Worker | 1.5218 | 0.8233 | 10.8609 | 0.0430 | 5.6111 | 0.0326 | 5.6436 | 1.4915 | 0.0300 | 1.5214 | 0.0000 | 3,891.2182 | 3,891.2182 | 0.0677 | 0.0000 | 3,892.9110 |
| Total | 1.7616 | 10.3982 | 12.5473 | 0.0752 | 6.3970 | 0.0414 | 6.4384 | 1.7187 | 0.0384 | 1.7571 | 0.0000 | 6,945.3715 | 6,945.3715 | 0.2784 | 0.0000 | 6,952.3305 |

3.5 Paving - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3583 | 260.3583 | 0.0842 | 0.0000 | 262.4634 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3583 | 260.3583 | 0.0842 | 0.0000 | 262.4634 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.5 Paving - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |
| Total | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3579 | 260.3579 | 0.0842 | 0.0000 | 262.4631 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3579 | 260.3579 | 0.0842 | 0.0000 | 262.4631 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.5 Paving - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |
| Total | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |

3.5 Paving - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3493 | 260.3493 | 0.0842 | 0.0000 | 262.4543 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3493 | 260.3493 | 0.0842 | 0.0000 | 262.4543 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.5 Paving - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |
| Total | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3490 | 260.3490 | 0.0842 | 0.0000 | 262.4540 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3490 | 260.3490 | 0.0842 | 0.0000 | 262.4540 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.5 Paving - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |
| Total | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |

3.5 Paving - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3476 | 262.3476 | 0.0849 | 0.0000 | 264.4688 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3476 | 262.3476 | 0.0849 | 0.0000 | 264.4688 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.5 Paving - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |
| Total | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3473 | 262.3473 | 0.0849 | 0.0000 | 264.4685 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3473 | 262.3473 | 0.0849 | 0.0000 | 264.4685 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.5 Paving - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |
| Total | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |

3.5 Paving - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.5 Paving - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |
| Total | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.5 Paving - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |
| Total | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |

3.5 Paving - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.5 Paving - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |
| Total | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.5 Paving - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |
| Total | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |

3.5 Paving - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.5 Paving - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |
| Total | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.5 Paving - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |
| Total | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |

3.5 Paving - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2503 | 260.2503 | 0.0842 | 0.0000 | 262.3546 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2503 | 260.2503 | 0.0842 | 0.0000 | 262.3546 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.5 Paving - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |
| Total | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2500 | 260.2500 | 0.0842 | 0.0000 | 262.3543 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2500 | 260.2500 | 0.0842 | 0.0000 | 262.3543 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.5 Paving - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |
| Total | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |

3.5 Paving - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2503 | 260.2503 | 0.0842 | 0.0000 | 262.3546 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2503 | 260.2503 | 0.0842 | 0.0000 | 262.3546 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.5 Paving - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.5500e-003 | 3.5400e-003 | 0.0468 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0243 | 6.4200e-003 | 1.3000e-004 | 6.5500e-003 | 0.0000 | 16.7484 | 16.7484 | 2.9000e-004 | 0.0000 | 16.7557 |
| Total | 6.5500e-003 | 3.5400e-003 | 0.0468 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0243 | 6.4200e-003 | 1.3000e-004 | 6.5500e-003 | 0.0000 | 16.7484 | 16.7484 | 2.9000e-004 | 0.0000 | 16.7557 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2500 | 260.2500 | 0.0842 | 0.0000 | 262.3543 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2500 | 260.2500 | 0.0842 | 0.0000 | 262.3543 |

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3.5 Paving - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.5500e-003 | 3.5400e-003 | 0.0468 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0243 | 6.4200e-003 | 1.3000e-004 | 6.5500e-003 | 0.0000 | 16.7484 | 16.7484 | 2.9000e-004 | 0.0000 | 16.7557 |
| Total | 6.5500e-003 | 3.5400e-003 | 0.0468 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0243 | 6.4200e-003 | 1.3000e-004 | 6.5500e-003 | 0.0000 | 16.7484 | 16.7484 | 2.9000e-004 | 0.0000 | 16.7557 |

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.3809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0266 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |
| Total | 7.4075 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.6 Architectural Coating - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4888 | 0.3189 | 3.5676 | 0.0106 | 1.1222 | 8.1500e-003 | 1.1304 | 0.2983 | 7.5000e-003 | 0.3058 | 0.0000 | 956.0661 | 956.0661 | 0.0252 | 0.0000 | 956.6969 |
| Total | 0.4888 | 0.3189 | 3.5676 | 0.0106 | 1.1222 | 8.1500e-003 | 1.1304 | 0.2983 | 7.5000e-003 | 0.3058 | 0.0000 | 956.0661 | 956.0661 | 0.0252 | 0.0000 | 956.6969 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.3809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0266 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |
| Total | 7.4075 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.6 Architectural Coating - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4888 | 0.3189 | 3.5676 | 0.0106 | 1.1222 | 8.1500e-003 | 1.1304 | 0.2983 | 7.5000e-003 | 0.3058 | 0.0000 | 956.0661 | 956.0661 | 0.0252 | 0.0000 | 956.6969 |
| Total | 0.4888 | 0.3189 | 3.5676 | 0.0106 | 1.1222 | 8.1500e-003 | 1.1304 | 0.2983 | 7.5000e-003 | 0.3058 | 0.0000 | 956.0661 | 956.0661 | 0.0252 | 0.0000 | 956.6969 |

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.3809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0249 | 0.1694 | 0.2355 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |
| Total | 7.4058 | 0.1694 | 0.2355 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4536 | 0.2855 | 3.2618 | 0.0102 | 1.1222 | 7.9100e-003 | 1.1301 | 0.2983 | 7.2900e-003 | 0.3056 | 0.0000 | 919.9188 | 919.9188 | 0.0225 | 0.0000 | 920.4816 |
| Total | 0.4536 | 0.2855 | 3.2618 | 0.0102 | 1.1222 | 7.9100e-003 | 1.1301 | 0.2983 | 7.2900e-003 | 0.3056 | 0.0000 | 919.9188 | 919.9188 | 0.0225 | 0.0000 | 920.4816 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.3809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0249 | 0.1694 | 0.2354 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |
| Total | 7.4058 | 0.1694 | 0.2354 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4536 | 0.2855 | 3.2618 | 0.0102 | 1.1222 | 7.9100e-003 | 1.1301 | 0.2983 | 7.2900e-003 | 0.3056 | 0.0000 | 919.9188 | 919.9188 | 0.0225 | 0.0000 | 920.4816 |
| Total | 0.4536 | 0.2855 | 3.2618 | 0.0102 | 1.1222 | 7.9100e-003 | 1.1301 | 0.2983 | 7.2900e-003 | 0.3056 | 0.0000 | 919.9188 | 919.9188 | 0.0225 | 0.0000 | 920.4816 |

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.4377 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0237 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |
| Total | 7.4613 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4282 | 0.2611 | 3.0901 | 0.0101 | 1.1309 | 8.0800e-003 | 1.1389 | 0.3006 | 7.4400e-003 | 0.3080 | 0.0000 | 909.1967 | 909.1967 | 0.0211 | 0.0000 | 909.7253 |
| Total | 0.4282 | 0.2611 | 3.0901 | 0.0101 | 1.1309 | 8.0800e-003 | 1.1389 | 0.3006 | 7.4400e-003 | 0.3080 | 0.0000 | 909.1967 | 909.1967 | 0.0211 | 0.0000 | 909.7253 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.4377 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0237 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |
| Total | 7.4613 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4282 | 0.2611 | 3.0901 | 0.0101 | 1.1309 | 8.0800e-003 | 1.1389 | 0.3006 | 7.4400e-003 | 0.3080 | 0.0000 | 909.1967 | 909.1967 | 0.0211 | 0.0000 | 909.7253 |
| Total | 0.4282 | 0.2611 | 3.0901 | 0.0101 | 1.1309 | 8.0800e-003 | 1.1389 | 0.3006 | 7.4400e-003 | 0.3080 | 0.0000 | 909.1967 | 909.1967 | 0.0211 | 0.0000 | 909.7253 |

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.4093 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 7.4316 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.6 Architectural Coating - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3993 | 0.2351 | 2.8370 | 9.6100e-003 | 1.1265 | 7.8700e-003 | 1.1344 | 0.2994 | 7.2500e-003 | 0.3067 | 0.0000 | 869.3866 | 869.3866 | 0.0190 | 0.0000 | 869.8609 |
| Total | 0.3993 | 0.2351 | 2.8370 | 9.6100e-003 | 1.1265 | 7.8700e-003 | 1.1344 | 0.2994 | 7.2500e-003 | 0.3067 | 0.0000 | 869.3866 | 869.3866 | 0.0190 | 0.0000 | 869.8609 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.4093 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 7.4316 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.6 Architectural Coating - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3993 | 0.2351 | 2.8370 | 9.6100e-003 | 1.1265 | 7.8700e-003 | 1.1344 | 0.2994 | 7.2500e-003 | 0.3067 | 0.0000 | 869.3866 | 869.3866 | 0.0190 | 0.0000 | 869.8609 |
| Total | 0.3993 | 0.2351 | 2.8370 | 9.6100e-003 | 1.1265 | 7.8700e-003 | 1.1344 | 0.2994 | 7.2500e-003 | 0.3067 | 0.0000 | 869.3866 | 869.3866 | 0.0190 | 0.0000 | 869.8609 |

3.6 Architectural Coating - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.4093 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 7.4316 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

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3.6 Architectural Coating - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3779 | 0.2167 | 2.6875 | 9.5000e-003 | 1.1265 | 7.9900e-003 | 1.1345 | 0.2994 | 7.3500e-003 | 0.3068 | 0.0000 | 859.6278 | 859.6278 | 0.0180 | 0.0000 | 860.0780 |
| Total | 0.3779 | 0.2167 | 2.6875 | 9.5000e-003 | 1.1265 | 7.9900e-003 | 1.1345 | 0.2994 | 7.3500e-003 | 0.3068 | 0.0000 | 859.6278 | 859.6278 | 0.0180 | 0.0000 | 860.0780 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.4093 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 7.4316 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |

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3.6 Architectural Coating - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3779 | 0.2167 | 2.6875 | 9.5000e-003 | 1.1265 | 7.9900e-003 | 1.1345 | 0.2994 | 7.3500e-003 | 0.3068 | 0.0000 | 859.6278 | 859.6278 | 0.0180 | 0.0000 | 860.0780 |
| Total | 0.3779 | 0.2167 | 2.6875 | 9.5000e-003 | 1.1265 | 7.9900e-003 | 1.1345 | 0.2994 | 7.3500e-003 | 0.3068 | 0.0000 | 859.6278 | 859.6278 | 0.0180 | 0.0000 | 860.0780 |

3.6 Architectural Coating - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.4093 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 7.4316 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

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3.6 Architectural Coating - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3549 | 0.1977 | 2.5004 | 9.1700e-003 | 1.1265 | 7.5700e-003 | 1.1341 | 0.2994 | 6.9700e-003 | 0.3064 | 0.0000 | 830.2187 | 830.2187 | 0.0164 | 0.0000 | 830.6276 |
| Total | 0.3549 | 0.1977 | 2.5004 | 9.1700e-003 | 1.1265 | 7.5700e-003 | 1.1341 | 0.2994 | 6.9700e-003 | 0.3064 | 0.0000 | 830.2187 | 830.2187 | 0.0164 | 0.0000 | 830.6276 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.4093 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 7.4316 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |

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3.6 Architectural Coating - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3549 | 0.1977 | 2.5004 | 9.1700e-003 | 1.1265 | 7.5700e-003 | 1.1341 | 0.2994 | 6.9700e-003 | 0.3064 | 0.0000 | 830.2187 | 830.2187 | 0.0164 | 0.0000 | 830.6276 |
| Total | 0.3549 | 0.1977 | 2.5004 | 9.1700e-003 | 1.1265 | 7.5700e-003 | 1.1341 | 0.2994 | 6.9700e-003 | 0.3064 | 0.0000 | 830.2187 | 830.2187 | 0.0164 | 0.0000 | 830.6276 |

3.6 Architectural Coating - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.3809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0222 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2376 |
| Total | 7.4031 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2376 |

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3.6 Architectural Coating - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3290 | 0.1800 | 2.3253 | 8.8500e-003 | 1.1222 | 7.0100e-003 | 1.1292 | 0.2983 | 6.4500e-003 | 0.3047 | 0.0000 | 801.1253 | 801.1253 | 0.0149 | 0.0000 | 801.4968 |
| Total | 0.3290 | 0.1800 | 2.3253 | 8.8500e-003 | 1.1222 | 7.0100e-003 | 1.1292 | 0.2983 | 6.4500e-003 | 0.3047 | 0.0000 | 801.1253 | 801.1253 | 0.0149 | 0.0000 | 801.4968 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.3809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0222 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2375 |
| Total | 7.4031 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2375 |

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3.6 Architectural Coating - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3290 | 0.1800 | 2.3253 | 8.8500e-003 | 1.1222 | 7.0100e-003 | 1.1292 | 0.2983 | 6.4500e-003 | 0.3047 | 0.0000 | 801.1253 | 801.1253 | 0.0149 | 0.0000 | 801.4968 |
| Total | 0.3290 | 0.1800 | 2.3253 | 8.8500e-003 | 1.1222 | 7.0100e-003 | 1.1292 | 0.2983 | 6.4500e-003 | 0.3047 | 0.0000 | 801.1253 | 801.1253 | 0.0149 | 0.0000 | 801.4968 |

3.6 Architectural Coating - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.3809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0222 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2376 |
| Total | 7.4031 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2376 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

3.6 Architectural Coating - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3044 | 0.1647 | 2.1722 | 8.6000e-003 | 1.1222 | 6.5100e-003 | 1.1287 | 0.2983 | 5.9900e-003 | 0.3043 | 0.0000 | 778.2436 | 778.2436 | 0.0135 | 0.0000 | 778.5822 |
| Total | 0.3044 | 0.1647 | 2.1722 | 8.6000e-003 | 1.1222 | 6.5100e-003 | 1.1287 | 0.2983 | 5.9900e-003 | 0.3043 | 0.0000 | 778.2436 | 778.2436 | 0.0135 | 0.0000 | 778.5822 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 7.3809 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0222 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2375 |
| Total | 7.4031 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2375 |

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3.6 Architectural Coating - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3044 | 0.1647 | 2.1722 | 8.6000e-003 | 1.1222 | 6.5100e-003 | 1.1287 | 0.2983 | 5.9900e-003 | 0.3043 | 0.0000 | 778.2436 | 778.2436 | 0.0135 | 0.0000 | 778.5822 |
| Total | 0.3044 | 0.1647 | 2.1722 | 8.6000e-003 | 1.1222 | 6.5100e-003 | 1.1287 | 0.2983 | 5.9900e-003 | 0.3043 | 0.0000 | 778.2436 | 778.2436 | 0.0135 | 0.0000 | 778.5822 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Improve Pedestrian Network

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|---------|----------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|--------|--------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 8.7945 | 78.1696 | 99.6171 | 0.5676 | 43.6068 | 0.3370 | 43.9437 | 11.7047 | 0.3146 | 12.0193 | 0.0000 | 52,709.19 45 | 52,709.19 45 | 2.7853 | 0.0000 | 52,778.82 78 |
| Unmitigated | 8.8266 | 78.3836 | 100.2080 | 0.5711 | 43.9143 | 0.3392 | 44.2534 | 11.7872 | 0.3167 | 12.1039 | 0.0000 | 53,034.45 62 | 53,034.45 62 | 2.7927 | 0.0000 | 53,104.27 40 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|-----------------------|-------------------------|------------------|------------------|--------------------|--------------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Condo/Townhouse | 0.00 | 0.00 | 0.00 | | |
| Elementary School | 0.00 | 0.00 | 0.00 | | |
| Single Family Housing | 31,236.88 | 31,236.88 | 31,236.88 | 116,161,182 | 115,347,809 |
| Strip Mall | 0.00 | 0.00 | 0.00 | | |
| City Park | 0.00 | 0.00 | 0.00 | | |
| Total | 31,236.88 | 31,236.88 | 31,236.88 | 116,161,182 | 115,347,809 |

4.3 Trip Type Information

| Land Use | Miles | | | Trip % | | | Trip Purpose % | | |
|-----------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| Condo/Townhouse | 16.80 | 7.10 | 7.90 | 42.30 | 19.60 | 38.10 | 86 | 11 | 3 |
| Elementary School | 14.70 | 6.60 | 6.60 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| Single Family Housing | 16.80 | 7.10 | 7.90 | 42.30 | 19.60 | 38.10 | 86 | 11 | 3 |
| Strip Mall | 14.70 | 6.60 | 6.60 | 16.60 | 64.40 | 19.00 | 45 | 40 | 15 |
| City Park | 14.70 | 6.60 | 6.60 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |

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4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Condo/Townhouse | 0.567415 | 0.028873 | 0.167357 | 0.095651 | 0.012286 | 0.003962 | 0.013253 | 0.099167 | 0.002572 | 0.001517 | 0.006231 | 0.001122 | 0.000594 |
| Elementary School | 0.567415 | 0.028873 | 0.167357 | 0.095651 | 0.012286 | 0.003962 | 0.013253 | 0.099167 | 0.002572 | 0.001517 | 0.006231 | 0.001122 | 0.000594 |
| Single Family Housing | 0.567415 | 0.028873 | 0.167357 | 0.095651 | 0.012286 | 0.003962 | 0.013253 | 0.099167 | 0.002572 | 0.001517 | 0.006231 | 0.001122 | 0.000594 |
| Strip Mall | 0.567415 | 0.028873 | 0.167357 | 0.095651 | 0.012286 | 0.003962 | 0.013253 | 0.099167 | 0.002572 | 0.001517 | 0.006231 | 0.001122 | 0.000594 |
| City Park | 0.567415 | 0.028873 | 0.167357 | 0.095651 | 0.012286 | 0.003962 | 0.013253 | 0.099167 | 0.002572 | 0.001517 | 0.006231 | 0.001122 | 0.000594 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install Energy Efficient Appliances

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|---------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|--------|--------|------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Electricity Mitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 5,070.4393 | 5,070.4393 | 0.4472 | 0.0925 | 5,109.1924 |
| Electricity Unmitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 5,212.8393 | 5,212.8393 | 0.4598 | 0.0951 | 5,252.6808 |
| NaturalGas Mitigated | 0.4991 | 4.2887 | 1.9865 | 0.0272 | | | 0.3449 | 0.3449 | | 0.3449 | 0.3449 | 4,939.7145 | 4,939.7145 | 0.0947 | 0.0906 | 4,969.0688 |
| NaturalGas Unmitigated | 0.5301 | 4.5548 | 2.1096 | 0.0289 | | | 0.3663 | 0.3663 | | 0.3663 | 0.3663 | 5,246.1890 | 5,246.1890 | 0.1006 | 0.0962 | 5,277.3645 |

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5.2 Energy by Land Use - NaturalGas

Unmitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 3.08649e+007 | 0.1664 | 1.4222 | 0.6052 | 9.0800e-003 | | 0.1150 | 0.1150 | | 0.1150 | 0.1150 | 0.0000 | 1,647.0668 | 1,647.0668 | 0.0316 | 0.0302 | 1,656.8545 |
| Elementary School | 1.4695e+006 | 7.9200e-003 | 0.0720 | 0.0605 | 4.3000e-004 | | 5.4700e-003 | 5.4700e-003 | | 5.4700e-003 | 5.4700e-003 | 0.0000 | 78.4179 | 78.4179 | 1.5000e-003 | 1.4400e-003 | 78.8839 |
| Single Family Housing | 5.90098e+007 | 0.3182 | 2.7191 | 1.1571 | 0.0174 | | 0.2198 | 0.2198 | | 0.2198 | 0.2198 | 0.0000 | 3,148.9880 | 3,148.9880 | 0.0604 | 0.0577 | 3,167.7009 |
| Strip Mall | 6.9657e+006 | 0.0376 | 0.3415 | 0.2868 | 2.0500e-003 | | 0.0260 | 0.0260 | | 0.0260 | 0.0260 | 0.0000 | 371.7163 | 371.7163 | 7.1200e-003 | 6.8100e-003 | 373.9252 |
| Total | | 0.5301 | 4.5548 | 2.1096 | 0.0289 | | 0.3663 | 0.3663 | | 0.3663 | 0.3663 | 0.0000 | 5,246.1890 | 5,246.1890 | 0.1006 | 0.0962 | 5,277.3645 |

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5.2 Energy by Land Use - NaturalGas

Mitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 2.91521e+007 | 0.1572 | 1.3433 | 0.5716 | 8.5700e-003 | | 0.1086 | 0.1086 | | 0.1086 | 0.1086 | 0.0000 | 1,555.6646 | 1,555.6646 | 0.0298 | 0.0285 | 1,564.9091 |
| Elementary School | 1.3745e+006 | 7.4100e-003 | 0.0674 | 0.0566 | 4.0000e-004 | | 5.1200e-003 | 5.1200e-003 | | 5.1200e-003 | 5.1200e-003 | 0.0000 | 73.3484 | 73.3484 | 1.4100e-003 | 1.3400e-003 | 73.7843 |
| Single Family Housing | 5.54673e+007 | 0.2991 | 2.5559 | 1.0876 | 0.0163 | | 0.2066 | 0.2066 | | 0.2066 | 0.2066 | 0.0000 | 2,959.9473 | 2,959.9473 | 0.0567 | 0.0543 | 2,977.5368 |
| Strip Mall | 6.57289e+006 | 0.0354 | 0.3222 | 0.2707 | 1.9300e-003 | | 0.0245 | 0.0245 | | 0.0245 | 0.0245 | 0.0000 | 350.7543 | 350.7543 | 6.7200e-003 | 6.4300e-003 | 352.8386 |
| Total | | 0.4991 | 4.2887 | 1.9865 | 0.0272 | | 0.3449 | 0.3449 | | 0.3449 | 0.3449 | 0.0000 | 4,939.7145 | 4,939.7145 | 0.0947 | 0.0906 | 4,969.0688 |

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5.3 Energy by Land Use - Electricity

Unmitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 9.46292e+006 | 1,411.3104 | 0.1245 | 0.0258 | 1,422.0969 |
| Elementary School | 410827 | 61.2712 | 5.4000e-003 | 1.1200e-003 | 61.7395 |
| Single Family Housing | 1.9773e+007 | 2,948.9669 | 0.2601 | 0.0538 | 2,971.5057 |
| Strip Mall | 5.30565e+006 | 791.2909 | 0.0698 | 0.0144 | 797.3387 |
| Total | | 5,212.8393 | 0.4598 | 0.0951 | 5,252.6808 |

Village D Specific Plan - Phase I Operation - Madera County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 9.15118e+006 | 1,364.8171 | 0.1204 | 0.0249 | 1,375.2483 |
| Elementary School | 402060 | 59.9638 | 5.2900e-003 | 1.0900e-003 | 60.4221 |
| Single Family Housing | 1.92362e+007 | 2,868.9119 | 0.2530 | 0.0524 | 2,890.8388 |
| Strip Mall | 5.20813e+006 | 776.7466 | 0.0685 | 0.0142 | 782.6833 |
| Total | | 5,070.4393 | 0.4472 | 0.0925 | 5,109.1924 |

6.0 Area Detail

6.1 Mitigation Measures Area

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|--------|----------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------------|----------------|----------------|--------|--------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 41.6163 | 3.2327 | 116.3229 | 0.2923 | | 14.3443 | 14.3443 | | 14.3443 | 14.3443 | 1,882.696 1 | 1,770.236 7 | 3,652.932 7 | 8.8805 | 0.0316 | 3,884.352 1 |
| Unmitigated | 41.6163 | 3.2327 | 116.3229 | 0.2923 | | 14.3443 | 14.3443 | | 14.3443 | 14.3443 | 1,882.696 1 | 1,770.236 7 | 3,652.932 7 | 8.8805 | 0.0316 | 3,884.352 1 |

6.2 Area by SubCategory

Unmitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|-----------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|------------------------|------------------------|------------------------|---------------|---------------|------------------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 5.9189 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 25.1461 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 9.6648 | 2.8930 | 86.8231 | 0.2907 | | 14.1806 | 14.1806 | | 14.1806 | 14.1806 | 1,882.696 1 | 1,721.999 4 | 3,604.695 5 | 8.8342 | 0.0316 | 3,834.959 0 |
| Landscaping | 0.8865 | 0.3398 | 29.4999 | 1.5600e-003 | | 0.1637 | 0.1637 | | 0.1637 | 0.1637 | 0.0000 | 48.2373 | 48.2373 | 0.0462 | 0.0000 | 49.3931 |
| Total | 41.6163 | 3.2327 | 116.3229 | 0.2923 | | 14.3443 | 14.3443 | | 14.3443 | 14.3443 | 1,882.696 1 | 1,770.236 7 | 3,652.932 7 | 8.8805 | 0.0316 | 3,884.352 1 |

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6.2 Area by SubCategory

Mitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|-----------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|------------------------|------------------------|------------------------|---------------|---------------|------------------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 5.9189 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 25.1461 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 9.6648 | 2.8930 | 86.8231 | 0.2907 | | 14.1806 | 14.1806 | | 14.1806 | 14.1806 | 1,882.696 1 | 1,721.999 4 | 3,604.695 5 | 8.8342 | 0.0316 | 3,834.959 0 |
| Landscaping | 0.8865 | 0.3398 | 29.4999 | 1.5600e-003 | | 0.1637 | 0.1637 | | 0.1637 | 0.1637 | 0.0000 | 48.2373 | 48.2373 | 0.0462 | 0.0000 | 49.3931 |
| Total | 41.6163 | 3.2327 | 116.3229 | 0.2923 | | 14.3443 | 14.3443 | | 14.3443 | 14.3443 | 1,882.696 1 | 1,770.236 7 | 3,652.932 7 | 8.8805 | 0.0316 | 3,884.352 1 |

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

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| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|---------|--------|----------|
| Category | MT/yr | | | |
| Mitigated | 421.6578 | 8.0828 | 0.1964 | 682.2563 |
| Unmitigated | 491.1156 | 10.1004 | 0.2449 | 816.5889 |

7.2 Water by Land Use

Unmitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-----------------|----------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 78.3399 | 40.8930 | 3.6100e-003 | 7.5000e-004 | 41.2055 |
| Condo/Townhouse | 111.935 / 70.5675 | 162.6791 | 3.6586 | 0.0884 | 280.5004 |
| Elementary School | 1.69697 / 4.36363 | 4.1856 | 0.0556 | 1.3700e-003 | 5.9850 |
| Single Family Housing | 147.053 / 92.7071 | 213.7175 | 4.8065 | 0.1162 | 368.5037 |
| Strip Mall | 48.2212 / 29.5549 | 69.6405 | 1.5761 | 0.0381 | 120.3943 |
| Total | | 491.1156 | 10.1004 | 0.2448 | 816.5889 |

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7.2 Water by Land Use

Mitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 78.3399 | 40.8930 | 3.6100e-003 | 7.5000e-004 | 41.2055 |
| Condo/Townhouse | 89.5477 / 70.5675 | 137.5104 | 2.9275 | 0.0709 | 231.8238 |
| Elementary School | 1.35757 / 4.36363 | 3.8041 | 0.0445 | 1.1100e-003 | 5.2470 |
| Single Family Housing | 117.642 / 92.7071 | 180.6525 | 3.8460 | 0.0931 | 304.5554 |
| Strip Mall | 38.577 / 29.5549 | 58.7979 | 1.2611 | 0.0305 | 99.4246 |
| Total | | 421.6578 | 8.0828 | 0.1964 | 682.2563 |

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|---------|--------|------------|
| | MT/yr | | | |
| Mitigated | 598.4727 | 35.3687 | 0.0000 | 1,482.6907 |
| Unmitigated | 797.9636 | 47.1583 | 0.0000 | 1,976.9210 |

8.2 Waste by Land Use

Unmitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-----------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 5.65 | 1.1469 | 0.0678 | 0.0000 | 2.8414 |
| Condo/Townhouse | 790.28 | 160.4197 | 9.4805 | 0.0000 | 397.4330 |
| Elementary School | 127.75 | 25.9321 | 1.5325 | 0.0000 | 64.2457 |
| Single Family Housing | 2323.8 | 471.7104 | 27.8773 | 0.0000 | 1,168.6426 |
| Strip Mall | 683.55 | 138.7545 | 8.2002 | 0.0000 | 343.7583 |
| Total | | 797.9636 | 47.1583 | 0.0000 | 1,976.9210 |

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8.2 Waste by Land Use

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-----------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 4.2375 | 0.8602 | 0.0508 | 0.0000 | 2.1311 |
| Condo/Townhouse | 592.71 | 120.3148 | 7.1104 | 0.0000 | 298.0748 |
| Elementary School | 95.8125 | 19.4491 | 1.1494 | 0.0000 | 48.1843 |
| Single Family Housing | 1742.85 | 353.7828 | 20.9080 | 0.0000 | 876.4819 |
| Strip Mall | 512.662 | 104.0659 | 6.1501 | 0.0000 | 257.8188 |
| Total | | 598.4727 | 35.3687 | 0.0000 | 1,482.6907 |

9.0 Operational Offroad

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

| Equipment Type | Number | Hours/Day | Hours/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|------------|-------------|-------------|-----------|
|----------------|--------|-----------|------------|-------------|-------------|-----------|

Boilers

| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

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User Defined Equipment

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

11.0 Vegetation

Village D Specific Plan - Phase II Construction - Madera County, Annual

**Village D Specific Plan - Phase II Construction
Madera County, Annual**

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-----------------------|----------|---------------|-------------|--------------------|------------|
| Office Park | 232.61 | 1000sqft | 29.69 | 232,610.00 | 0 |
| Elementary School | 700.00 | Student | 17.17 | 58,522.36 | 0 |
| Condo/Townhouse | 560.00 | Dwelling Unit | 99.53 | 560,000.00 | 1602 |
| Single Family Housing | 2,786.00 | Dwelling Unit | 422.96 | 5,014,800.00 | 7968 |
| Strip Mall | 189.00 | 1000sqft | 12.42 | 189,000.00 | 0 |
| City Park | 47.91 | Acre | 47.91 | 2,086,959.60 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|--------------------------------|--------------------------------|--------------------------------|-------|----------------------------------|-------|
| Urbanization | Rural | Wind Speed (m/s) | 2.9 | Precipitation Freq (Days) | 51 |
| Climate Zone | 3 | | | Operational Year | 2040 |
| Utility Company | Pacific Gas & Electric Company | | | | |
| CO2 Intensity (lb/MWhr) | 328.8 | CH4 Intensity (lb/MWhr) | 0.029 | N2O Intensity (lb/MWhr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

Village D Specific Plan - Phase II Construction - Madera County, Annual

Project Characteristics - CO2 intensity based on 5-year average (PG&E 2015)

Land Use - Based on land use summary

Construction Phase - Assuming construction start in 2030 and operational by 2039

Vehicle Trips - Based on trip generation prepared for the proposed project

Construction Off-road Equipment Mitigation - Assuming Tier 4 construction equipment and compliance with SJVAPCD Rule 9510

Mobile Land Use Mitigation -

Mobile Commute Mitigation -

Area Mitigation -

| Table Name | Column Name | Default Value | New Value |
|-------------------------|------------------------------|---------------|------------|
| tblAreaMitigation | UseLowVOCPaintParkingCheck | False | True |
| tblConstDustMitigation | WaterUnpavedRoadVehicleSpeed | 0 | 15 |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 3.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |

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| | | | |
|-------------------------|----------------------------|-----------|--------------|
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 4.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 9.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstructionPhase | NumDays | 420.00 | 260.00 |
| tblConstructionPhase | NumDays | 1,085.00 | 260.00 |
| tblConstructionPhase | NumDays | 10,850.00 | 2,085.00 |
| tblConstructionPhase | NumDays | 770.00 | 2,085.00 |
| tblConstructionPhase | NumDays | 770.00 | 2,085.00 |
| tblGrading | AcresOfGrading | 650.00 | 2,712.50 |
| tblLandUse | LotAcreage | 5.34 | 29.69 |
| tblLandUse | LotAcreage | 1.34 | 17.17 |
| tblLandUse | LotAcreage | 35.00 | 99.53 |
| tblLandUse | LotAcreage | 904.55 | 422.96 |

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| | | | |
|---------------------------|--------------------|--------|--------|
| tblLandUse | LotAcreage | 4.34 | 12.42 |
| tblProjectCharacteristics | CO2IntensityFactor | 641.35 | 328.8 |
| tblProjectCharacteristics | UrbanizationLevel | Urban | Rural |
| tblVehicleTrips | ST_TR | 5.67 | 0.00 |
| tblVehicleTrips | ST_TR | 1.64 | 0.00 |
| tblVehicleTrips | ST_TR | 9.91 | 9.18 |
| tblVehicleTrips | ST_TR | 42.04 | 0.00 |
| tblVehicleTrips | ST_TR | 22.75 | 0.00 |
| tblVehicleTrips | SU_TR | 4.84 | 0.00 |
| tblVehicleTrips | SU_TR | 0.76 | 0.00 |
| tblVehicleTrips | SU_TR | 8.62 | 9.18 |
| tblVehicleTrips | SU_TR | 20.43 | 0.00 |
| tblVehicleTrips | SU_TR | 16.74 | 0.00 |
| tblVehicleTrips | WD_TR | 5.81 | 0.00 |
| tblVehicleTrips | WD_TR | 1.29 | 0.00 |
| tblVehicleTrips | WD_TR | 11.42 | 0.00 |
| tblVehicleTrips | WD_TR | 9.52 | 9.18 |
| tblVehicleTrips | WD_TR | 44.32 | 0.00 |
| tblVehicleTrips | WD_TR | 1.89 | 0.00 |
| tblWoodstoves | NumberCatalytic | 99.53 | 35.00 |
| tblWoodstoves | NumberCatalytic | 422.96 | 904.55 |
| tblWoodstoves | NumberNoncatalytic | 99.53 | 35.00 |
| tblWoodstoves | NumberNoncatalytic | 422.96 | 904.55 |

2.0 Emissions Summary

Village D Specific Plan - Phase II Construction - Madera County, Annual

2.1 Overall Construction

Unmitigated Construction

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2030 | 0.3207 | 1.7602 | 2.1454 | 6.2000e-003 | 2.3502 | 0.0563 | 2.4064 | 1.2837 | 0.0563 | 1.3400 | 0.0000 | 533.4096 | 533.4096 | 0.0257 | 0.0000 | 534.0517 |
| 2031 | 0.4341 | 1.8106 | 3.0491 | 9.3300e-003 | 2.2745 | 0.0638 | 2.3383 | 0.6058 | 0.0638 | 0.6696 | 0.0000 | 871.4267 | 871.4267 | 0.0347 | 0.0000 | 872.2950 |
| 2032 | 8.4615 | 9.8653 | 13.1596 | 0.0665 | 6.7910 | 0.0941 | 6.8851 | 1.5939 | 0.0921 | 1.6859 | 0.0000 | 6,091.1908 | 6,091.1908 | 0.2321 | 0.0000 | 6,096.9928 |
| 2033 | 8.3733 | 9.7806 | 12.6996 | 0.0658 | 5.3465 | 0.0921 | 5.4385 | 1.4352 | 0.0901 | 1.5254 | 0.0000 | 6,025.6264 | 6,025.6264 | 0.2267 | 0.0000 | 6,031.2943 |
| 2034 | 8.3036 | 9.7203 | 12.3001 | 0.0653 | 5.3465 | 0.0907 | 5.4371 | 1.4352 | 0.0888 | 1.5240 | 0.0000 | 5,975.4916 | 5,975.4916 | 0.2220 | 0.0000 | 5,981.0414 |
| 2035 | 8.2307 | 9.3007 | 12.0014 | 0.0650 | 5.3670 | 0.0621 | 5.4291 | 1.4407 | 0.0604 | 1.5011 | 0.0000 | 5,955.9994 | 5,955.9994 | 0.2151 | 0.0000 | 5,961.3779 |
| 2036 | 8.2622 | 9.3364 | 12.0474 | 0.0653 | 5.3876 | 0.0624 | 5.4500 | 1.4463 | 0.0606 | 1.5069 | 0.0000 | 5,978.8194 | 5,978.8194 | 0.2160 | 0.0000 | 5,984.2184 |
| 2037 | 8.2307 | 9.3007 | 12.0014 | 0.0650 | 5.3670 | 0.0621 | 5.4291 | 1.4407 | 0.0604 | 1.5011 | 0.0000 | 5,955.9994 | 5,955.9994 | 0.2151 | 0.0000 | 5,961.3779 |
| 2038 | 8.2307 | 9.3007 | 12.0014 | 0.0650 | 5.3670 | 0.0621 | 5.4291 | 1.4407 | 0.0604 | 1.5011 | 0.0000 | 5,955.9994 | 5,955.9994 | 0.2151 | 0.0000 | 5,961.3779 |
| 2039 | 8.1992 | 9.2651 | 11.9554 | 0.0648 | 5.3465 | 0.0619 | 5.4083 | 1.4352 | 0.0602 | 1.4954 | 0.0000 | 5,933.1795 | 5,933.1795 | 0.2143 | 0.0000 | 5,938.5373 |
| Maximum | 8.4615 | 9.8653 | 13.1596 | 0.0665 | 6.7910 | 0.0941 | 6.8851 | 1.5939 | 0.0921 | 1.6859 | 0.0000 | 6,091.1908 | 6,091.1908 | 0.2321 | 0.0000 | 6,096.9928 |

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2.1 Overall Construction

Mitigated Construction

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2030 | 0.0670 | 0.2631 | 2.7335 | 6.2000e-003 | 1.0733 | 8.1300e-003 | 1.0815 | 0.5819 | 8.1200e-003 | 0.5900 | 0.0000 | 533.4090 | 533.4090 | 0.0257 | 0.0000 | 534.0510 |
| 2031 | 0.0898 | 0.3616 | 3.3319 | 9.3300e-003 | 1.0413 | 0.0112 | 1.0525 | 0.2773 | 0.0112 | 0.2885 | 0.0000 | 730.5757 | 730.5757 | 0.0300 | 0.0000 | 731.3263 |
| 2032 | 8.1411 | 7.9999 | 11.8148 | 0.0665 | 5.9967 | 0.0354 | 6.0321 | 1.5067 | 0.0334 | 1.5400 | 0.0000 | 5,826.5503 | 5,826.5503 | 0.2217 | 0.0000 | 5,832.0927 |
| 2033 | 8.0556 | 7.9264 | 11.3527 | 0.0658 | 5.3465 | 0.0338 | 5.3803 | 1.4352 | 0.0318 | 1.4671 | 0.0000 | 5,762.0778 | 5,762.0778 | 0.2164 | 0.0000 | 5,767.4870 |
| 2034 | 7.9859 | 7.8660 | 10.9532 | 0.0653 | 5.3465 | 0.0324 | 5.3788 | 1.4352 | 0.0305 | 1.4657 | 0.0000 | 5,711.9430 | 5,711.9430 | 0.2116 | 0.0000 | 5,717.2341 |
| 2035 | 7.9573 | 7.8460 | 10.6587 | 0.0650 | 5.3670 | 0.0312 | 5.3982 | 1.4407 | 0.0295 | 1.4702 | 0.0000 | 5,691.4372 | 5,691.4372 | 0.2057 | 0.0000 | 5,696.5785 |
| 2036 | 7.9878 | 7.8760 | 10.6996 | 0.0653 | 5.3876 | 0.0313 | 5.4189 | 1.4463 | 0.0296 | 1.4758 | 0.0000 | 5,713.2435 | 5,713.2435 | 0.2064 | 0.0000 | 5,718.4045 |
| 2037 | 7.9573 | 7.8460 | 10.6587 | 0.0650 | 5.3670 | 0.0312 | 5.3982 | 1.4407 | 0.0295 | 1.4702 | 0.0000 | 5,691.4372 | 5,691.4372 | 0.2057 | 0.0000 | 5,696.5785 |
| 2038 | 7.9573 | 7.8460 | 10.6587 | 0.0650 | 5.3670 | 0.0312 | 5.3982 | 1.4407 | 0.0295 | 1.4702 | 0.0000 | 5,691.4372 | 5,691.4372 | 0.2057 | 0.0000 | 5,696.5785 |
| 2039 | 7.9268 | 7.8159 | 10.6179 | 0.0648 | 5.3465 | 0.0311 | 5.3775 | 1.4352 | 0.0293 | 1.4646 | 0.0000 | 5,669.6309 | 5,669.6309 | 0.2049 | 0.0000 | 5,674.7526 |
| Maximum | 8.1411 | 7.9999 | 11.8148 | 0.0665 | 5.9967 | 0.0354 | 6.0321 | 1.5067 | 0.0334 | 1.5400 | 0.0000 | 5,826.5503 | 5,826.5503 | 0.2217 | 0.0000 | 5,832.0927 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|-------------|--------------|-------------|-------------|---------------|--------------|-------------|----------------|---------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Percent Reduction | 4.36 | 19.88 | 9.56 | 0.00 | 6.75 | 60.87 | 7.52 | 8.24 | 62.15 | 10.86 | 0.00 | 4.58 | 4.58 | 4.58 | 0.00 | 4.58 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

| Quarter | Start Date | End Date | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|-----------|--|--|
| 1 | 1-7-2030 | 4-6-2030 | 0.5207 | 0.0828 |
| 2 | 4-7-2030 | 7-6-2030 | 0.5264 | 0.0836 |
| 3 | 7-7-2030 | 10-6-2030 | 0.5322 | 0.0845 |
| 4 | 10-7-2030 | 1-6-2031 | 0.5211 | 0.0831 |
| 5 | 1-7-2031 | 4-6-2031 | 0.5535 | 0.1118 |
| 6 | 4-7-2031 | 7-6-2031 | 0.5595 | 0.1129 |
| 7 | 7-7-2031 | 10-6-2031 | 0.5657 | 0.1141 |
| 8 | 10-7-2031 | 1-6-2032 | 0.6425 | 0.1986 |
| 9 | 1-7-2032 | 4-6-2032 | 4.6043 | 4.0613 |
| 10 | 4-7-2032 | 7-6-2032 | 4.5795 | 4.0365 |
| 11 | 7-7-2032 | 10-6-2032 | 4.6316 | 4.0826 |
| 12 | 10-7-2032 | 1-6-2033 | 4.6539 | 4.1049 |
| 13 | 1-7-2033 | 4-6-2033 | 4.5122 | 3.9752 |
| 14 | 4-7-2033 | 7-6-2033 | 4.5397 | 3.9967 |
| 15 | 7-7-2033 | 10-6-2033 | 4.5912 | 4.0422 |
| 16 | 10-7-2033 | 1-6-2034 | 4.6118 | 4.0629 |
| 17 | 1-7-2034 | 4-6-2034 | 4.4777 | 3.9407 |
| 18 | 4-7-2034 | 7-6-2034 | 4.5061 | 3.9631 |
| 19 | 7-7-2034 | 10-6-2034 | 4.5571 | 4.0082 |
| 20 | 10-7-2034 | 1-6-2035 | 4.5694 | 4.0278 |
| 21 | 1-7-2035 | 4-6-2035 | 4.3374 | 3.9117 |
| 22 | 4-7-2035 | 7-6-2035 | 4.3653 | 3.9349 |
| 23 | 7-7-2035 | 10-6-2035 | 4.4147 | 3.9796 |
| 24 | 10-7-2035 | 1-6-2036 | 4.4353 | 4.0001 |
| 25 | 1-7-2036 | 4-6-2036 | 4.3856 | 3.9552 |
| 26 | 4-7-2036 | 7-6-2036 | 4.3653 | 3.9349 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

| | | | | |
|----|-----------|-----------|--------|--------|
| 27 | 7-7-2036 | 10-6-2036 | 4.4147 | 3.9796 |
| 28 | 10-7-2036 | 1-6-2037 | 4.4353 | 4.0001 |
| 29 | 1-7-2037 | 4-6-2037 | 4.3374 | 3.9117 |
| 30 | 4-7-2037 | 7-6-2037 | 4.3653 | 3.9349 |
| 31 | 7-7-2037 | 10-6-2037 | 4.4147 | 3.9796 |
| 32 | 10-7-2037 | 1-6-2038 | 4.4353 | 4.0001 |
| 33 | 1-7-2038 | 4-6-2038 | 4.3374 | 3.9117 |
| 34 | 4-7-2038 | 7-6-2038 | 4.3653 | 3.9349 |
| 35 | 7-7-2038 | 10-6-2038 | 4.4147 | 3.9796 |
| 36 | 10-7-2038 | 1-6-2039 | 4.4353 | 4.0001 |
| 37 | 1-7-2039 | 4-6-2039 | 4.3374 | 3.9117 |
| 38 | 4-7-2039 | 7-6-2039 | 4.3653 | 3.9349 |
| 39 | 7-7-2039 | 9-30-2039 | 4.1255 | 3.7187 |
| | | Highest | 4.6539 | 4.1049 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

2.2 Overall Operational

Unmitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|-----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|--------------------|--------------------|----------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 49.2683 | 4.3739 | 199.1676 | 0.5766 | | 28.6059 | 28.6059 | | 28.6059 | 28.6059 | 3,798.3403 | 1,490.1158 | 5,288.4561 | 17.8229 | 0.0266 | 5,741.9486 |
| Energy | 0.4944 | 4.2509 | 1.9875 | 0.0270 | | 0.3416 | 0.3416 | | 0.3416 | 0.3416 | 0.0000 | 9,688.7243 | 9,688.7243 | 0.5168 | 0.1772 | 9,754.4543 |
| Mobile | 5.0482 | 55.0426 | 57.8647 | 0.4163 | 35.8853 | 0.1622 | 36.0476 | 9.6237 | 0.1518 | 9.7755 | 0.0000 | 38,747.6270 | 38,747.6270 | 1.8824 | 0.0000 | 38,794.6865 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 745.5310 | 0.0000 | 745.5310 | 44.0596 | 0.0000 | 1,847.0215 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 87.2590 | 343.4848 | 430.7438 | 8.9926 | 0.2179 | 720.4902 |
| Total | 54.8109 | 63.6674 | 259.0198 | 1.0199 | 35.8853 | 29.1097 | 64.9951 | 9.6237 | 29.0993 | 38.7230 | 4,631.1303 | 50,269.9518 | 54,901.0822 | 73.2743 | 0.4217 | 56,858.6011 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

2.2 Overall Operational

Mitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|-----------------|--------------------|--------------------|----------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 27.8582 | 0.2272 | 18.7990 | 8.5000e-004 | | 0.1028 | 0.1028 | | 0.1028 | 0.1028 | 0.0000 | 28.4093 | 28.4093 | 0.0202 | 0.0000 | 28.9153 |
| Energy | 0.4648 | 3.9959 | 1.8675 | 0.0254 | | 0.3211 | 0.3211 | | 0.3211 | 0.3211 | 0.0000 | 6,681.5746 | 6,681.5746 | 0.2718 | 0.1223 | 6,724.8200 |
| Mobile | 4.8073 | 53.5771 | 53.8524 | 0.3871 | 32.9928 | 0.1501 | 33.1429 | 8.8480 | 0.1405 | 8.9884 | 0.0000 | 36,038.3181 | 36,038.3181 | 1.8308 | 0.0000 | 36,084.0872 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 559.1483 | 0.0000 | 559.1483 | 33.0447 | 0.0000 | 1,385.2661 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 69.8072 | 274.7878 | 344.5950 | 7.1941 | 0.1743 | 576.3922 |
| Total | 33.1302 | 57.8002 | 74.5188 | 0.4133 | 32.9928 | 0.5740 | 33.5668 | 8.8480 | 0.5644 | 9.4124 | 628.9554 | 43,023.0898 | 43,652.0452 | 42.3616 | 0.2966 | 44,799.4808 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|--------------|-------------|--------------|--------------|---------------|--------------|--------------|----------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Percent Reduction | 39.56 | 9.22 | 71.23 | 59.47 | 8.06 | 98.03 | 48.35 | 8.06 | 98.06 | 75.69 | 86.42 | 14.42 | 20.49 | 42.19 | 29.66 | 21.21 |

3.0 Construction Detail

Construction Phase

Village D Specific Plan - Phase II Construction - Madera County, Annual

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1 | Site Preparation | Site Preparation | 1/7/2030 | 1/3/2031 | 5 | 260 | |
| 2 | Grading | Grading | 1/6/2031 | 1/2/2032 | 5 | 260 | |
| 3 | Building Construction | Building Construction | 1/5/2032 | 12/30/2039 | 5 | 2085 | |
| 4 | Paving | Paving | 1/5/2032 | 12/30/2039 | 5 | 2085 | |
| 5 | Architectural Coating | Architectural Coating | 1/5/2032 | 12/30/2039 | 5 | 2085 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 2712.5

Acres of Paving: 0

Residential Indoor: 11,288,970; Residential Outdoor: 3,762,990; Non-Residential Indoor: 720,199; Non-Residential Outdoor: 240,066; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Village D Specific Plan - Phase II Construction - Madera County, Annual

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Site Preparation | Rubber Tired Dozers | 3 | 8.00 | 247 | 0.40 |
| Site Preparation | Tractors/Loaders/Backhoes | 4 | 8.00 | 97 | 0.37 |
| Grading | Excavators | 2 | 8.00 | 158 | 0.38 |
| Grading | Graders | 1 | 8.00 | 187 | 0.41 |
| Grading | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Grading | Scrapers | 2 | 8.00 | 367 | 0.48 |
| Grading | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Building Construction | Cranes | 1 | 7.00 | 231 | 0.29 |
| Building Construction | Forklifts | 3 | 8.00 | 89 | 0.20 |
| Building Construction | Generator Sets | 1 | 8.00 | 84 | 0.74 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97 | 0.37 |
| Building Construction | Welders | 1 | 8.00 | 46 | 0.45 |
| Paving | Pavers | 2 | 8.00 | 130 | 0.42 |
| Paving | Paving Equipment | 2 | 8.00 | 132 | 0.36 |
| Paving | Rollers | 2 | 8.00 | 80 | 0.38 |
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 2,442.00 | 778.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 488.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |

Village D Specific Plan - Phase II Construction - Madera County, Annual

3.1 Mitigation Measures Construction

- Use Alternative Fuel for Construction Equipment
- Use Cleaner Engines for Construction Equipment
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2030

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3215 | 0.0000 | 2.3215 | 1.2761 | 0.0000 | 1.2761 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3135 | 1.7563 | 2.0935 | 5.9800e-003 | | 0.0561 | 0.0561 | | 0.0561 | 0.0561 | 0.0000 | 514.0593 | 514.0593 | 0.0254 | 0.0000 | 514.6934 |
| Total | 0.3135 | 1.7563 | 2.0935 | 5.9800e-003 | 2.3215 | 0.0561 | 2.3776 | 1.2761 | 0.0561 | 1.3322 | 0.0000 | 514.0593 | 514.0593 | 0.0254 | 0.0000 | 514.6934 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

3.2 Site Preparation - 2030

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.1300e-003 | 3.8400e-003 | 0.0519 | 2.1000e-004 | 0.0287 | 1.5000e-004 | 0.0288 | 7.6100e-003 | 1.4000e-004 | 7.7600e-003 | 0.0000 | 19.3504 | 19.3504 | 3.2000e-004 | 0.0000 | 19.3582 |
| Total | 7.1300e-003 | 3.8400e-003 | 0.0519 | 2.1000e-004 | 0.0287 | 1.5000e-004 | 0.0288 | 7.6100e-003 | 1.4000e-004 | 7.7600e-003 | 0.0000 | 19.3504 | 19.3504 | 3.2000e-004 | 0.0000 | 19.3582 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0447 | 0.0000 | 1.0447 | 0.5742 | 0.0000 | 0.5742 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0598 | 0.2593 | 2.6817 | 5.9800e-003 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 514.0587 | 514.0587 | 0.0254 | 0.0000 | 514.6928 |
| Total | 0.0598 | 0.2593 | 2.6817 | 5.9800e-003 | 1.0447 | 7.9800e-003 | 1.0527 | 0.5742 | 7.9800e-003 | 0.5822 | 0.0000 | 514.0587 | 514.0587 | 0.0254 | 0.0000 | 514.6928 |

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3.2 Site Preparation - 2030

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.1300e-003 | 3.8400e-003 | 0.0519 | 2.1000e-004 | 0.0287 | 1.5000e-004 | 0.0288 | 7.6100e-003 | 1.4000e-004 | 7.7600e-003 | 0.0000 | 19.3504 | 19.3504 | 3.2000e-004 | 0.0000 | 19.3582 |
| Total | 7.1300e-003 | 3.8400e-003 | 0.0519 | 2.1000e-004 | 0.0287 | 1.5000e-004 | 0.0288 | 7.6100e-003 | 1.4000e-004 | 7.7600e-003 | 0.0000 | 19.3504 | 19.3504 | 3.2000e-004 | 0.0000 | 19.3582 |

3.2 Site Preparation - 2031

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.0271 | 0.0000 | 0.0271 | 0.0149 | 0.0000 | 0.0149 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 3.6600e-003 | 0.0205 | 0.0244 | 7.0000e-005 | | 6.5000e-004 | 6.5000e-004 | | 6.5000e-004 | 6.5000e-004 | 0.0000 | 6.0007 | 6.0007 | 3.0000e-004 | 0.0000 | 6.0081 |
| Total | 3.6600e-003 | 0.0205 | 0.0244 | 7.0000e-005 | 0.0271 | 6.5000e-004 | 0.0278 | 0.0149 | 6.5000e-004 | 0.0156 | 0.0000 | 6.0007 | 6.0007 | 3.0000e-004 | 0.0000 | 6.0081 |

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3.2 Site Preparation - 2031

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0000e-005 | 4.0000e-005 | 5.7000e-004 | 0.0000 | 3.3000e-004 | 0.0000 | 3.4000e-004 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 0.0000 | 0.2206 | 0.2206 | 0.0000 | 0.0000 | 0.2207 |
| Total | 8.0000e-005 | 4.0000e-005 | 5.7000e-004 | 0.0000 | 3.3000e-004 | 0.0000 | 3.4000e-004 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 0.0000 | 0.2206 | 0.2206 | 0.0000 | 0.0000 | 0.2207 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.0122 | 0.0000 | 0.0122 | 6.7000e-003 | 0.0000 | 6.7000e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 7.0000e-004 | 3.0300e-003 | 0.0313 | 7.0000e-005 | | 9.0000e-005 | 9.0000e-005 | | 9.0000e-005 | 9.0000e-005 | 0.0000 | 6.0007 | 6.0007 | 3.0000e-004 | 0.0000 | 6.0081 |
| Total | 7.0000e-004 | 3.0300e-003 | 0.0313 | 7.0000e-005 | 0.0122 | 9.0000e-005 | 0.0123 | 6.7000e-003 | 9.0000e-005 | 6.7900e-003 | 0.0000 | 6.0007 | 6.0007 | 3.0000e-004 | 0.0000 | 6.0081 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

3.2 Site Preparation - 2031

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0000e-005 | 4.0000e-005 | 5.7000e-004 | 0.0000 | 3.3000e-004 | 0.0000 | 3.4000e-004 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 0.0000 | 0.2206 | 0.2206 | 0.0000 | 0.0000 | 0.2207 |
| Total | 8.0000e-005 | 4.0000e-005 | 5.7000e-004 | 0.0000 | 3.3000e-004 | 0.0000 | 3.4000e-004 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 0.0000 | 0.2206 | 0.2206 | 0.0000 | 0.0000 | 0.2207 |

3.3 Grading - 2031

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.2152 | 0.0000 | 2.2152 | 0.5823 | 0.0000 | 0.5823 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4232 | 1.7862 | 2.9701 | 9.0200e-003 | | 0.0629 | 0.0629 | | 0.0629 | 0.0629 | 0.0000 | 844.1272 | 844.1272 | 0.0341 | 0.0000 | 844.9801 |
| Total | 0.4232 | 1.7862 | 2.9701 | 9.0200e-003 | 2.2152 | 0.0629 | 2.2781 | 0.5823 | 0.0629 | 0.6453 | 0.0000 | 844.1272 | 844.1272 | 0.0341 | 0.0000 | 844.9801 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

3.3 Grading - 2031

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.2000e-003 | 3.9000e-003 | 0.0540 | 2.3000e-004 | 0.0320 | 1.6000e-004 | 0.0321 | 8.4900e-003 | 1.5000e-004 | 8.6400e-003 | 0.0000 | 21.0781 | 21.0781 | 3.2000e-004 | 0.0000 | 21.0861 |
| Total | 7.2000e-003 | 3.9000e-003 | 0.0540 | 2.3000e-004 | 0.0320 | 1.6000e-004 | 0.0321 | 8.4900e-003 | 1.5000e-004 | 8.6400e-003 | 0.0000 | 21.0781 | 21.0781 | 3.2000e-004 | 0.0000 | 21.0861 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.9968 | 0.0000 | 0.9968 | 0.2621 | 0.0000 | 0.2621 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0819 | 0.3547 | 3.2460 | 9.0200e-003 | | 0.0109 | 0.0109 | | 0.0109 | 0.0109 | 0.0000 | 703.2763 | 703.2763 | 0.0294 | 0.0000 | 704.0114 |
| Total | 0.0819 | 0.3547 | 3.2460 | 9.0200e-003 | 0.9968 | 0.0109 | 1.0077 | 0.2621 | 0.0109 | 0.2730 | 0.0000 | 703.2763 | 703.2763 | 0.0294 | 0.0000 | 704.0114 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

3.3 Grading - 2031

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.2000e-003 | 3.9000e-003 | 0.0540 | 2.3000e-004 | 0.0320 | 1.6000e-004 | 0.0321 | 8.4900e-003 | 1.5000e-004 | 8.6400e-003 | 0.0000 | 21.0781 | 21.0781 | 3.2000e-004 | 0.0000 | 21.0861 |
| Total | 7.2000e-003 | 3.9000e-003 | 0.0540 | 2.3000e-004 | 0.0320 | 1.6000e-004 | 0.0321 | 8.4900e-003 | 1.5000e-004 | 8.6400e-003 | 0.0000 | 21.0781 | 21.0781 | 3.2000e-004 | 0.0000 | 21.0861 |

3.3 Grading - 2032

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.4443 | 0.0000 | 1.4443 | 0.1586 | 0.0000 | 0.1586 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 3.2800e-003 | 0.0139 | 0.0230 | 7.0000e-005 | | 4.9000e-004 | 4.9000e-004 | | 4.9000e-004 | 4.9000e-004 | 0.0000 | 6.5436 | 6.5436 | 2.6000e-004 | 0.0000 | 6.5502 |
| Total | 3.2800e-003 | 0.0139 | 0.0230 | 7.0000e-005 | 1.4443 | 4.9000e-004 | 1.4448 | 0.1586 | 4.9000e-004 | 0.1591 | 0.0000 | 6.5436 | 6.5436 | 2.6000e-004 | 0.0000 | 6.5502 |

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3.3 Grading - 2032

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 5.0000e-005 | 3.0000e-005 | 3.9000e-004 | 0.0000 | 2.5000e-004 | 0.0000 | 2.5000e-004 | 7.0000e-005 | 0.0000 | 7.0000e-005 | 0.0000 | 0.1600 | 0.1600 | 0.0000 | 0.0000 | 0.1600 |
| Total | 5.0000e-005 | 3.0000e-005 | 3.9000e-004 | 0.0000 | 2.5000e-004 | 0.0000 | 2.5000e-004 | 7.0000e-005 | 0.0000 | 7.0000e-005 | 0.0000 | 0.1600 | 0.1600 | 0.0000 | 0.0000 | 0.1600 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.6500 | 0.0000 | 0.6500 | 0.0714 | 0.0000 | 0.0714 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 6.3000e-004 | 2.7500e-003 | 0.0252 | 7.0000e-005 | | 8.0000e-005 | 8.0000e-005 | | 8.0000e-005 | 8.0000e-005 | 0.0000 | 5.4518 | 5.4518 | 2.3000e-004 | 0.0000 | 5.4575 |
| Total | 6.3000e-004 | 2.7500e-003 | 0.0252 | 7.0000e-005 | 0.6500 | 8.0000e-005 | 0.6500 | 0.0714 | 8.0000e-005 | 0.0715 | 0.0000 | 5.4518 | 5.4518 | 2.3000e-004 | 0.0000 | 5.4575 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

3.3 Grading - 2032

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 5.0000e-005 | 3.0000e-005 | 3.9000e-004 | 0.0000 | 2.5000e-004 | 0.0000 | 2.5000e-004 | 7.0000e-005 | 0.0000 | 7.0000e-005 | 0.0000 | 0.1600 | 0.1600 | 0.0000 | 0.0000 | 0.1600 |
| Total | 5.0000e-005 | 3.0000e-005 | 3.9000e-004 | 0.0000 | 2.5000e-004 | 0.0000 | 2.5000e-004 | 7.0000e-005 | 0.0000 | 7.0000e-005 | 0.0000 | 0.1600 | 0.1600 | 0.0000 | 0.0000 | 0.1600 |

3.4 Building Construction - 2032

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1702 | 1.0315 | 2.1004 | 4.0200e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 341.7193 | 341.7193 | 0.0137 | 0.0000 | 342.0621 |
| Total | 0.1702 | 1.0315 | 2.1004 | 4.0200e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 341.7193 | 341.7193 | 0.0137 | 0.0000 | 342.0621 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

3.4 Building Construction - 2032

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1772 | 7.2521 | 1.2134 | 0.0246 | 0.6048 | 6.6100e-003 | 0.6114 | 0.1749 | 6.3200e-003 | 0.1812 | 0.0000 | 2,333.9242 | 2,333.9242 | 0.1587 | 0.0000 | 2,337.8923 |
| Worker | 0.8065 | 0.4402 | 6.2424 | 0.0280 | 3.9318 | 0.0184 | 3.9501 | 1.0451 | 0.0169 | 1.0620 | 0.0000 | 2,539.3133 | 2,539.3133 | 0.0359 | 0.0000 | 2,540.2119 |
| Total | 0.9837 | 7.6923 | 7.4558 | 0.0526 | 4.5366 | 0.0250 | 4.5616 | 1.2200 | 0.0232 | 1.2432 | 0.0000 | 4,873.2374 | 4,873.2374 | 0.1947 | 0.0000 | 4,878.1041 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.7000e-003 | 0.0000 | 111.4810 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.7000e-003 | 0.0000 | 111.4810 |

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3.4 Building Construction - 2032

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1772 | 7.2521 | 1.2134 | 0.0246 | 0.6048 | 6.6100e-003 | 0.6114 | 0.1749 | 6.3200e-003 | 0.1812 | 0.0000 | 2,333.9242 | 2,333.9242 | 0.1587 | 0.0000 | 2,337.8923 |
| Worker | 0.8065 | 0.4402 | 6.2424 | 0.0280 | 3.9318 | 0.0184 | 3.9501 | 1.0451 | 0.0169 | 1.0620 | 0.0000 | 2,539.3133 | 2,539.3133 | 0.0359 | 0.0000 | 2,540.2119 |
| Total | 0.9837 | 7.6923 | 7.4558 | 0.0526 | 4.5366 | 0.0250 | 4.5616 | 1.2200 | 0.0232 | 1.2432 | 0.0000 | 4,873.2374 | 4,873.2374 | 0.1947 | 0.0000 | 4,878.1041 |

3.4 Building Construction - 2033

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1702 | 1.0315 | 2.1004 | 4.0200e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 341.7193 | 341.7193 | 0.0137 | 0.0000 | 342.0621 |
| Total | 0.1702 | 1.0315 | 2.1004 | 4.0200e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 341.7193 | 341.7193 | 0.0137 | 0.0000 | 342.0621 |

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3.4 Building Construction - 2033

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1760 | 7.2223 | 1.2003 | 0.0246 | 0.6048 | 6.5700e-003 | 0.6114 | 0.1749 | 6.2700e-003 | 0.1811 | 0.0000 | 2,331.9022 | 2,331.9022 | 0.1571 | 0.0000 | 2,335.8302 |
| Worker | 0.7371 | 0.4062 | 5.8913 | 0.0275 | 3.9318 | 0.0171 | 3.9489 | 1.0451 | 0.0157 | 1.0608 | 0.0000 | 2,492.1824 | 2,492.1824 | 0.0331 | 0.0000 | 2,493.0087 |
| Total | 0.9132 | 7.6285 | 7.0916 | 0.0521 | 4.5366 | 0.0237 | 4.5603 | 1.2200 | 0.0220 | 1.2420 | 0.0000 | 4,824.0846 | 4,824.0846 | 0.1902 | 0.0000 | 4,828.8388 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.7000e-003 | 0.0000 | 111.4810 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.7000e-003 | 0.0000 | 111.4810 |

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3.4 Building Construction - 2033

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1760 | 7.2223 | 1.2003 | 0.0246 | 0.6048 | 6.5700e-003 | 0.6114 | 0.1749 | 6.2700e-003 | 0.1811 | 0.0000 | 2,331.9022 | 2,331.9022 | 0.1571 | 0.0000 | 2,335.8302 |
| Worker | 0.7371 | 0.4062 | 5.8913 | 0.0275 | 3.9318 | 0.0171 | 3.9489 | 1.0451 | 0.0157 | 1.0608 | 0.0000 | 2,492.1824 | 2,492.1824 | 0.0331 | 0.0000 | 2,493.0087 |
| Total | 0.9132 | 7.6285 | 7.0916 | 0.0521 | 4.5366 | 0.0237 | 4.5603 | 1.2200 | 0.0220 | 1.2420 | 0.0000 | 4,824.0846 | 4,824.0846 | 0.1902 | 0.0000 | 4,828.8388 |

3.4 Building Construction - 2034

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1702 | 1.0315 | 2.1004 | 4.0200e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 341.7193 | 341.7193 | 0.0137 | 0.0000 | 342.0621 |
| Total | 0.1702 | 1.0315 | 2.1004 | 4.0200e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 341.7193 | 341.7193 | 0.0137 | 0.0000 | 342.0621 |

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3.4 Building Construction - 2034

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1750 | 7.1954 | 1.1894 | 0.0246 | 0.6048 | 6.5200e-003 | 0.6113 | 0.1749 | 6.2300e-003 | 0.1811 | 0.0000 | 2,330.9929 | 2,330.9929 | 0.1555 | 0.0000 | 2,334.8815 |
| Worker | 0.6802 | 0.3784 | 5.5691 | 0.0271 | 3.9318 | 0.0160 | 3.9477 | 1.0451 | 0.0147 | 1.0598 | 0.0000 | 2,451.3645 | 2,451.3645 | 0.0304 | 0.0000 | 2,452.1255 |
| Total | 0.8552 | 7.5739 | 6.7584 | 0.0516 | 4.5366 | 0.0225 | 4.5591 | 1.2200 | 0.0209 | 1.2409 | 0.0000 | 4,782.3574 | 4,782.3574 | 0.1860 | 0.0000 | 4,787.0070 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.7000e-003 | 0.0000 | 111.4810 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.7000e-003 | 0.0000 | 111.4810 |

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3.4 Building Construction - 2034

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1750 | 7.1954 | 1.1894 | 0.0246 | 0.6048 | 6.5200e-003 | 0.6113 | 0.1749 | 6.2300e-003 | 0.1811 | 0.0000 | 2,330.9929 | 2,330.9929 | 0.1555 | 0.0000 | 2,334.8815 |
| Worker | 0.6802 | 0.3784 | 5.5691 | 0.0271 | 3.9318 | 0.0160 | 3.9477 | 1.0451 | 0.0147 | 1.0598 | 0.0000 | 2,451.3645 | 2,451.3645 | 0.0304 | 0.0000 | 2,452.1255 |
| Total | 0.8552 | 7.5739 | 6.7584 | 0.0516 | 4.5366 | 0.0225 | 4.5591 | 1.2200 | 0.0209 | 1.2409 | 0.0000 | 4,782.3574 | 4,782.3574 | 0.1860 | 0.0000 | 4,787.0070 |

3.4 Building Construction - 2035

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1588 | 0.9346 | 2.1034 | 4.0400e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 343.0336 | 343.0336 | 0.0128 | 0.0000 | 343.3530 |
| Total | 0.1588 | 0.9346 | 2.1034 | 4.0400e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 343.0336 | 343.0336 | 0.0128 | 0.0000 | 343.3530 |

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3.4 Building Construction - 2035

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1747 | 7.1985 | 1.1835 | 0.0247 | 0.6072 | 6.4900e-003 | 0.6136 | 0.1755 | 6.2000e-003 | 0.1817 | 0.0000 | 2,339.6051 | 2,339.6051 | 0.1548 | 0.0000 | 2,343.4747 |
| Worker | 0.6345 | 0.3586 | 5.3200 | 0.0268 | 3.9469 | 0.0150 | 3.9619 | 1.0491 | 0.0138 | 1.0629 | 0.0000 | 2,425.8654 | 2,425.8654 | 0.0284 | 0.0000 | 2,426.5753 |
| Total | 0.8092 | 7.5571 | 6.5035 | 0.0514 | 4.5541 | 0.0215 | 4.5755 | 1.2246 | 0.0200 | 1.2446 | 0.0000 | 4,765.4706 | 4,765.4706 | 0.1832 | 0.0000 | 4,770.0500 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.5200e-003 | 0.0000 | 111.9048 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.5200e-003 | 0.0000 | 111.9048 |

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3.4 Building Construction - 2035

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1747 | 7.1985 | 1.1835 | 0.0247 | 0.6072 | 6.4900e-003 | 0.6136 | 0.1755 | 6.2000e-003 | 0.1817 | 0.0000 | 2,339.6051 | 2,339.6051 | 0.1548 | 0.0000 | 2,343.4747 |
| Worker | 0.6345 | 0.3586 | 5.3200 | 0.0268 | 3.9469 | 0.0150 | 3.9619 | 1.0491 | 0.0138 | 1.0629 | 0.0000 | 2,425.8654 | 2,425.8654 | 0.0284 | 0.0000 | 2,426.5753 |
| Total | 0.8092 | 7.5571 | 6.5035 | 0.0514 | 4.5541 | 0.0215 | 4.5755 | 1.2246 | 0.0200 | 1.2446 | 0.0000 | 4,765.4706 | 4,765.4706 | 0.1832 | 0.0000 | 4,770.0500 |

3.4 Building Construction - 2036

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1594 | 0.9381 | 2.1114 | 4.0600e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 344.3479 | 344.3479 | 0.0128 | 0.0000 | 344.6686 |
| Total | 0.1594 | 0.9381 | 2.1114 | 4.0600e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 344.3479 | 344.3479 | 0.0128 | 0.0000 | 344.6686 |

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3.4 Building Construction - 2036

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1753 | 7.2260 | 1.1881 | 0.0248 | 0.6095 | 6.5100e-003 | 0.6160 | 0.1762 | 6.2200e-003 | 0.1824 | 0.0000 | 2,348.5691 | 2,348.5691 | 0.1554 | 0.0000 | 2,352.4536 |
| Worker | 0.6370 | 0.3600 | 5.3404 | 0.0269 | 3.9620 | 0.0151 | 3.9771 | 1.0531 | 0.0139 | 1.0670 | 0.0000 | 2,435.1600 | 2,435.1600 | 0.0285 | 0.0000 | 2,435.8725 |
| Total | 0.8123 | 7.5861 | 6.5285 | 0.0516 | 4.5715 | 0.0216 | 4.5931 | 1.2293 | 0.0201 | 1.2494 | 0.0000 | 4,783.7291 | 4,783.7291 | 0.1839 | 0.0000 | 4,788.3260 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.5400e-003 | 0.0000 | 112.3336 |
| Total | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.5400e-003 | 0.0000 | 112.3336 |

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3.4 Building Construction - 2036

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1753 | 7.2260 | 1.1881 | 0.0248 | 0.6095 | 6.5100e-003 | 0.6160 | 0.1762 | 6.2200e-003 | 0.1824 | 0.0000 | 2,348.5691 | 2,348.5691 | 0.1554 | 0.0000 | 2,352.4536 |
| Worker | 0.6370 | 0.3600 | 5.3404 | 0.0269 | 3.9620 | 0.0151 | 3.9771 | 1.0531 | 0.0139 | 1.0670 | 0.0000 | 2,435.1600 | 2,435.1600 | 0.0285 | 0.0000 | 2,435.8725 |
| Total | 0.8123 | 7.5861 | 6.5285 | 0.0516 | 4.5715 | 0.0216 | 4.5931 | 1.2293 | 0.0201 | 1.2494 | 0.0000 | 4,783.7291 | 4,783.7291 | 0.1839 | 0.0000 | 4,788.3260 |

3.4 Building Construction - 2037

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1588 | 0.9346 | 2.1034 | 4.0400e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 343.0336 | 343.0336 | 0.0128 | 0.0000 | 343.3530 |
| Total | 0.1588 | 0.9346 | 2.1034 | 4.0400e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 343.0336 | 343.0336 | 0.0128 | 0.0000 | 343.3530 |

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3.4 Building Construction - 2037

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1747 | 7.1985 | 1.1835 | 0.0247 | 0.6072 | 6.4900e-003 | 0.6136 | 0.1755 | 6.2000e-003 | 0.1817 | 0.0000 | 2,339.6051 | 2,339.6051 | 0.1548 | 0.0000 | 2,343.4747 |
| Worker | 0.6345 | 0.3586 | 5.3200 | 0.0268 | 3.9469 | 0.0150 | 3.9619 | 1.0491 | 0.0138 | 1.0629 | 0.0000 | 2,425.8654 | 2,425.8654 | 0.0284 | 0.0000 | 2,426.5753 |
| Total | 0.8092 | 7.5571 | 6.5035 | 0.0514 | 4.5541 | 0.0215 | 4.5755 | 1.2246 | 0.0200 | 1.2446 | 0.0000 | 4,765.4706 | 4,765.4706 | 0.1832 | 0.0000 | 4,770.0500 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.5200e-003 | 0.0000 | 111.9048 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.5200e-003 | 0.0000 | 111.9048 |

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3.4 Building Construction - 2037

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1747 | 7.1985 | 1.1835 | 0.0247 | 0.6072 | 6.4900e-003 | 0.6136 | 0.1755 | 6.2000e-003 | 0.1817 | 0.0000 | 2,339.6051 | 2,339.6051 | 0.1548 | 0.0000 | 2,343.4747 |
| Worker | 0.6345 | 0.3586 | 5.3200 | 0.0268 | 3.9469 | 0.0150 | 3.9619 | 1.0491 | 0.0138 | 1.0629 | 0.0000 | 2,425.8654 | 2,425.8654 | 0.0284 | 0.0000 | 2,426.5753 |
| Total | 0.8092 | 7.5571 | 6.5035 | 0.0514 | 4.5541 | 0.0215 | 4.5755 | 1.2246 | 0.0200 | 1.2446 | 0.0000 | 4,765.4706 | 4,765.4706 | 0.1832 | 0.0000 | 4,770.0500 |

3.4 Building Construction - 2038

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1588 | 0.9346 | 2.1034 | 4.0400e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 343.0336 | 343.0336 | 0.0128 | 0.0000 | 343.3530 |
| Total | 0.1588 | 0.9346 | 2.1034 | 4.0400e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 343.0336 | 343.0336 | 0.0128 | 0.0000 | 343.3530 |

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3.4 Building Construction - 2038

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1747 | 7.1985 | 1.1835 | 0.0247 | 0.6072 | 6.4900e-003 | 0.6136 | 0.1755 | 6.2000e-003 | 0.1817 | 0.0000 | 2,339.6051 | 2,339.6051 | 0.1548 | 0.0000 | 2,343.4747 |
| Worker | 0.6345 | 0.3586 | 5.3200 | 0.0268 | 3.9469 | 0.0150 | 3.9619 | 1.0491 | 0.0138 | 1.0629 | 0.0000 | 2,425.8654 | 2,425.8654 | 0.0284 | 0.0000 | 2,426.5753 |
| Total | 0.8092 | 7.5571 | 6.5035 | 0.0514 | 4.5541 | 0.0215 | 4.5755 | 1.2246 | 0.0200 | 1.2446 | 0.0000 | 4,765.4706 | 4,765.4706 | 0.1832 | 0.0000 | 4,770.0500 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.5200e-003 | 0.0000 | 111.9048 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.5200e-003 | 0.0000 | 111.9048 |

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3.4 Building Construction - 2038

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1747 | 7.1985 | 1.1835 | 0.0247 | 0.6072 | 6.4900e-003 | 0.6136 | 0.1755 | 6.2000e-003 | 0.1817 | 0.0000 | 2,339.6051 | 2,339.6051 | 0.1548 | 0.0000 | 2,343.4747 |
| Worker | 0.6345 | 0.3586 | 5.3200 | 0.0268 | 3.9469 | 0.0150 | 3.9619 | 1.0491 | 0.0138 | 1.0629 | 0.0000 | 2,425.8654 | 2,425.8654 | 0.0284 | 0.0000 | 2,426.5753 |
| Total | 0.8092 | 7.5571 | 6.5035 | 0.0514 | 4.5541 | 0.0215 | 4.5755 | 1.2246 | 0.0200 | 1.2446 | 0.0000 | 4,765.4706 | 4,765.4706 | 0.1832 | 0.0000 | 4,770.0500 |

3.4 Building Construction - 2039

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1582 | 0.9310 | 2.0953 | 4.0200e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 341.7193 | 341.7193 | 0.0127 | 0.0000 | 342.0375 |
| Total | 0.1582 | 0.9310 | 2.0953 | 4.0200e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 341.7193 | 341.7193 | 0.0127 | 0.0000 | 342.0375 |

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3.4 Building Construction - 2039

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1740 | 7.1709 | 1.1790 | 0.0246 | 0.6048 | 6.4600e-003 | 0.6113 | 0.1749 | 6.1700e-003 | 0.1810 | 0.0000 | 2,330.6411 | 2,330.6411 | 0.1542 | 0.0000 | 2,334.4959 |
| Worker | 0.6321 | 0.3573 | 5.2996 | 0.0267 | 3.9318 | 0.0149 | 3.9467 | 1.0451 | 0.0138 | 1.0588 | 0.0000 | 2,416.5709 | 2,416.5709 | 0.0283 | 0.0000 | 2,417.2780 |
| Total | 0.8061 | 7.5282 | 6.4786 | 0.0512 | 4.5366 | 0.0214 | 4.5580 | 1.2200 | 0.0199 | 1.2399 | 0.0000 | 4,747.2121 | 4,747.2121 | 0.1825 | 0.0000 | 4,751.7739 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.5100e-003 | 0.0000 | 111.4761 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.5100e-003 | 0.0000 | 111.4761 |

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3.4 Building Construction - 2039

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1740 | 7.1709 | 1.1790 | 0.0246 | 0.6048 | 6.4600e-003 | 0.6113 | 0.1749 | 6.1700e-003 | 0.1810 | 0.0000 | 2,330.6411 | 2,330.6411 | 0.1542 | 0.0000 | 2,334.4959 |
| Worker | 0.6321 | 0.3573 | 5.2996 | 0.0267 | 3.9318 | 0.0149 | 3.9467 | 1.0451 | 0.0138 | 1.0588 | 0.0000 | 2,416.5709 | 2,416.5709 | 0.0283 | 0.0000 | 2,417.2780 |
| Total | 0.8061 | 7.5282 | 6.4786 | 0.0512 | 4.5366 | 0.0214 | 4.5580 | 1.2200 | 0.0199 | 1.2399 | 0.0000 | 4,747.2121 | 4,747.2121 | 0.1825 | 0.0000 | 4,751.7739 |

3.5 Paving - 2032

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1800 | 0.9256 | 2.0604 | 3.6500e-003 | | 0.0430 | 0.0430 | | 0.0430 | 0.0430 | 0.0000 | 313.2937 | 313.2937 | 0.0147 | 0.0000 | 313.6609 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1800 | 0.9256 | 2.0604 | 3.6500e-003 | | 0.0430 | 0.0430 | | 0.0430 | 0.0430 | 0.0000 | 313.2937 | 313.2937 | 0.0147 | 0.0000 | 313.6609 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

3.5 Paving - 2032

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 4.9500e-003 | 2.7000e-003 | 0.0383 | 1.7000e-004 | 0.0242 | 1.1000e-004 | 0.0243 | 6.4200e-003 | 1.0000e-004 | 6.5200e-003 | 0.0000 | 15.5978 | 15.5978 | 2.2000e-004 | 0.0000 | 15.6033 |
| Total | 4.9500e-003 | 2.7000e-003 | 0.0383 | 1.7000e-004 | 0.0242 | 1.1000e-004 | 0.0243 | 6.4200e-003 | 1.0000e-004 | 6.5200e-003 | 0.0000 | 15.5978 | 15.5978 | 2.2000e-004 | 0.0000 | 15.6033 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0365 | 0.1580 | 2.2484 | 3.6500e-003 | | 4.8600e-003 | 4.8600e-003 | | 4.8600e-003 | 4.8600e-003 | 0.0000 | 313.2933 | 313.2933 | 0.0147 | 0.0000 | 313.6605 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0365 | 0.1580 | 2.2484 | 3.6500e-003 | | 4.8600e-003 | 4.8600e-003 | | 4.8600e-003 | 4.8600e-003 | 0.0000 | 313.2933 | 313.2933 | 0.0147 | 0.0000 | 313.6605 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

3.5 Paving - 2032

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 4.9500e-003 | 2.7000e-003 | 0.0383 | 1.7000e-004 | 0.0242 | 1.1000e-004 | 0.0243 | 6.4200e-003 | 1.0000e-004 | 6.5200e-003 | 0.0000 | 15.5978 | 15.5978 | 2.2000e-004 | 0.0000 | 15.6033 |
| Total | 4.9500e-003 | 2.7000e-003 | 0.0383 | 1.7000e-004 | 0.0242 | 1.1000e-004 | 0.0243 | 6.4200e-003 | 1.0000e-004 | 6.5200e-003 | 0.0000 | 15.5978 | 15.5978 | 2.2000e-004 | 0.0000 | 15.6033 |

3.5 Paving - 2033

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1800 | 0.9256 | 2.0604 | 3.6500e-003 | | 0.0430 | 0.0430 | | 0.0430 | 0.0430 | 0.0000 | 313.2937 | 313.2937 | 0.0147 | 0.0000 | 313.6609 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1800 | 0.9256 | 2.0604 | 3.6500e-003 | | 0.0430 | 0.0430 | | 0.0430 | 0.0430 | 0.0000 | 313.2937 | 313.2937 | 0.0147 | 0.0000 | 313.6609 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

3.5 Paving - 2033

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 4.5300e-003 | 2.5000e-003 | 0.0362 | 1.7000e-004 | 0.0242 | 1.1000e-004 | 0.0243 | 6.4200e-003 | 1.0000e-004 | 6.5200e-003 | 0.0000 | 15.3083 | 15.3083 | 2.0000e-004 | 0.0000 | 15.3133 |
| Total | 4.5300e-003 | 2.5000e-003 | 0.0362 | 1.7000e-004 | 0.0242 | 1.1000e-004 | 0.0243 | 6.4200e-003 | 1.0000e-004 | 6.5200e-003 | 0.0000 | 15.3083 | 15.3083 | 2.0000e-004 | 0.0000 | 15.3133 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0365 | 0.1580 | 2.2484 | 3.6500e-003 | | 4.8600e-003 | 4.8600e-003 | | 4.8600e-003 | 4.8600e-003 | 0.0000 | 313.2933 | 313.2933 | 0.0147 | 0.0000 | 313.6605 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0365 | 0.1580 | 2.2484 | 3.6500e-003 | | 4.8600e-003 | 4.8600e-003 | | 4.8600e-003 | 4.8600e-003 | 0.0000 | 313.2933 | 313.2933 | 0.0147 | 0.0000 | 313.6605 |

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3.5 Paving - 2033

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 4.5300e-003 | 2.5000e-003 | 0.0362 | 1.7000e-004 | 0.0242 | 1.1000e-004 | 0.0243 | 6.4200e-003 | 1.0000e-004 | 6.5200e-003 | 0.0000 | 15.3083 | 15.3083 | 2.0000e-004 | 0.0000 | 15.3133 |
| Total | 4.5300e-003 | 2.5000e-003 | 0.0362 | 1.7000e-004 | 0.0242 | 1.1000e-004 | 0.0243 | 6.4200e-003 | 1.0000e-004 | 6.5200e-003 | 0.0000 | 15.3083 | 15.3083 | 2.0000e-004 | 0.0000 | 15.3133 |

3.5 Paving - 2034

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1800 | 0.9256 | 2.0604 | 3.6500e-003 | | 0.0430 | 0.0430 | | 0.0430 | 0.0430 | 0.0000 | 313.2937 | 313.2937 | 0.0147 | 0.0000 | 313.6609 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1800 | 0.9256 | 2.0604 | 3.6500e-003 | | 0.0430 | 0.0430 | | 0.0430 | 0.0430 | 0.0000 | 313.2937 | 313.2937 | 0.0147 | 0.0000 | 313.6609 |

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3.5 Paving - 2034

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 4.1800e-003 | 2.3200e-003 | 0.0342 | 1.7000e-004 | 0.0242 | 1.0000e-004 | 0.0243 | 6.4200e-003 | 9.0000e-005 | 6.5100e-003 | 0.0000 | 15.0575 | 15.0575 | 1.9000e-004 | 0.0000 | 15.0622 |
| Total | 4.1800e-003 | 2.3200e-003 | 0.0342 | 1.7000e-004 | 0.0242 | 1.0000e-004 | 0.0243 | 6.4200e-003 | 9.0000e-005 | 6.5100e-003 | 0.0000 | 15.0575 | 15.0575 | 1.9000e-004 | 0.0000 | 15.0622 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0365 | 0.1580 | 2.2484 | 3.6500e-003 | | 4.8600e-003 | 4.8600e-003 | | 4.8600e-003 | 4.8600e-003 | 0.0000 | 313.2933 | 313.2933 | 0.0147 | 0.0000 | 313.6605 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0365 | 0.1580 | 2.2484 | 3.6500e-003 | | 4.8600e-003 | 4.8600e-003 | | 4.8600e-003 | 4.8600e-003 | 0.0000 | 313.2933 | 313.2933 | 0.0147 | 0.0000 | 313.6605 |

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3.5 Paving - 2034

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 4.1800e-003 | 2.3200e-003 | 0.0342 | 1.7000e-004 | 0.0242 | 1.0000e-004 | 0.0243 | 6.4200e-003 | 9.0000e-005 | 6.5100e-003 | 0.0000 | 15.0575 | 15.0575 | 1.9000e-004 | 0.0000 | 15.0622 |
| Total | 4.1800e-003 | 2.3200e-003 | 0.0342 | 1.7000e-004 | 0.0242 | 1.0000e-004 | 0.0243 | 6.4200e-003 | 9.0000e-005 | 6.5100e-003 | 0.0000 | 15.0575 | 15.0575 | 1.9000e-004 | 0.0000 | 15.0622 |

3.5 Paving - 2035

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1488 | 0.6363 | 2.0646 | 3.6600e-003 | | 0.0245 | 0.0245 | | 0.0245 | 0.0245 | 0.0000 | 314.4987 | 314.4987 | 0.0121 | 0.0000 | 314.8013 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1488 | 0.6363 | 2.0646 | 3.6600e-003 | | 0.0245 | 0.0245 | | 0.0245 | 0.0245 | 0.0000 | 314.4987 | 314.4987 | 0.0121 | 0.0000 | 314.8013 |

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3.5 Paving - 2035

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.9000e-003 | 2.2000e-003 | 0.0327 | 1.6000e-004 | 0.0242 | 9.0000e-005 | 0.0243 | 6.4400e-003 | 8.0000e-005 | 6.5300e-003 | 0.0000 | 14.9009 | 14.9009 | 1.7000e-004 | 0.0000 | 14.9053 |
| Total | 3.9000e-003 | 2.2000e-003 | 0.0327 | 1.6000e-004 | 0.0242 | 9.0000e-005 | 0.0243 | 6.4400e-003 | 8.0000e-005 | 6.5300e-003 | 0.0000 | 14.9009 | 14.9009 | 1.7000e-004 | 0.0000 | 14.9053 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0121 | 0.0000 | 314.8009 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0121 | 0.0000 | 314.8009 |

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3.5 Paving - 2035

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.9000e-003 | 2.2000e-003 | 0.0327 | 1.6000e-004 | 0.0242 | 9.0000e-005 | 0.0243 | 6.4400e-003 | 8.0000e-005 | 6.5300e-003 | 0.0000 | 14.9009 | 14.9009 | 1.7000e-004 | 0.0000 | 14.9053 |
| Total | 3.9000e-003 | 2.2000e-003 | 0.0327 | 1.6000e-004 | 0.0242 | 9.0000e-005 | 0.0243 | 6.4400e-003 | 8.0000e-005 | 6.5300e-003 | 0.0000 | 14.9009 | 14.9009 | 1.7000e-004 | 0.0000 | 14.9053 |

3.5 Paving - 2036

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1494 | 0.6388 | 2.0725 | 3.6700e-003 | | 0.0246 | 0.0246 | | 0.0246 | 0.0246 | 0.0000 | 315.7036 | 315.7036 | 0.0122 | 0.0000 | 316.0074 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1494 | 0.6388 | 2.0725 | 3.6700e-003 | | 0.0246 | 0.0246 | | 0.0246 | 0.0246 | 0.0000 | 315.7036 | 315.7036 | 0.0122 | 0.0000 | 316.0074 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

3.5 Paving - 2036

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.9100e-003 | 2.2100e-003 | 0.0328 | 1.7000e-004 | 0.0243 | 9.0000e-005 | 0.0244 | 6.4700e-003 | 9.0000e-005 | 6.5500e-003 | 0.0000 | 14.9580 | 14.9580 | 1.8000e-004 | 0.0000 | 14.9624 |
| Total | 3.9100e-003 | 2.2100e-003 | 0.0328 | 1.7000e-004 | 0.0243 | 9.0000e-005 | 0.0244 | 6.4700e-003 | 9.0000e-005 | 6.5500e-003 | 0.0000 | 14.9580 | 14.9580 | 1.8000e-004 | 0.0000 | 14.9624 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0367 | 0.1592 | 2.2657 | 3.6700e-003 | | 4.9000e-003 | 4.9000e-003 | | 4.9000e-003 | 4.9000e-003 | 0.0000 | 315.7033 | 315.7033 | 0.0122 | 0.0000 | 316.0070 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0367 | 0.1592 | 2.2657 | 3.6700e-003 | | 4.9000e-003 | 4.9000e-003 | | 4.9000e-003 | 4.9000e-003 | 0.0000 | 315.7033 | 315.7033 | 0.0122 | 0.0000 | 316.0070 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

3.5 Paving - 2036

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.9100e-003 | 2.2100e-003 | 0.0328 | 1.7000e-004 | 0.0243 | 9.0000e-005 | 0.0244 | 6.4700e-003 | 9.0000e-005 | 6.5500e-003 | 0.0000 | 14.9580 | 14.9580 | 1.8000e-004 | 0.0000 | 14.9624 |
| Total | 3.9100e-003 | 2.2100e-003 | 0.0328 | 1.7000e-004 | 0.0243 | 9.0000e-005 | 0.0244 | 6.4700e-003 | 9.0000e-005 | 6.5500e-003 | 0.0000 | 14.9580 | 14.9580 | 1.8000e-004 | 0.0000 | 14.9624 |

3.5 Paving - 2037

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1488 | 0.6363 | 2.0646 | 3.6600e-003 | | 0.0245 | 0.0245 | | 0.0245 | 0.0245 | 0.0000 | 314.4987 | 314.4987 | 0.0121 | 0.0000 | 314.8013 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1488 | 0.6363 | 2.0646 | 3.6600e-003 | | 0.0245 | 0.0245 | | 0.0245 | 0.0245 | 0.0000 | 314.4987 | 314.4987 | 0.0121 | 0.0000 | 314.8013 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

3.5 Paving - 2037

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.9000e-003 | 2.2000e-003 | 0.0327 | 1.6000e-004 | 0.0242 | 9.0000e-005 | 0.0243 | 6.4400e-003 | 8.0000e-005 | 6.5300e-003 | 0.0000 | 14.9009 | 14.9009 | 1.7000e-004 | 0.0000 | 14.9053 |
| Total | 3.9000e-003 | 2.2000e-003 | 0.0327 | 1.6000e-004 | 0.0242 | 9.0000e-005 | 0.0243 | 6.4400e-003 | 8.0000e-005 | 6.5300e-003 | 0.0000 | 14.9009 | 14.9009 | 1.7000e-004 | 0.0000 | 14.9053 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0121 | 0.0000 | 314.8009 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0121 | 0.0000 | 314.8009 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

3.5 Paving - 2037

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.9000e-003 | 2.2000e-003 | 0.0327 | 1.6000e-004 | 0.0242 | 9.0000e-005 | 0.0243 | 6.4400e-003 | 8.0000e-005 | 6.5300e-003 | 0.0000 | 14.9009 | 14.9009 | 1.7000e-004 | 0.0000 | 14.9053 |
| Total | 3.9000e-003 | 2.2000e-003 | 0.0327 | 1.6000e-004 | 0.0242 | 9.0000e-005 | 0.0243 | 6.4400e-003 | 8.0000e-005 | 6.5300e-003 | 0.0000 | 14.9009 | 14.9009 | 1.7000e-004 | 0.0000 | 14.9053 |

3.5 Paving - 2038

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1488 | 0.6363 | 2.0646 | 3.6600e-003 | | 0.0245 | 0.0245 | | 0.0245 | 0.0245 | 0.0000 | 314.4987 | 314.4987 | 0.0121 | 0.0000 | 314.8013 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1488 | 0.6363 | 2.0646 | 3.6600e-003 | | 0.0245 | 0.0245 | | 0.0245 | 0.0245 | 0.0000 | 314.4987 | 314.4987 | 0.0121 | 0.0000 | 314.8013 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

3.5 Paving - 2038

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.9000e-003 | 2.2000e-003 | 0.0327 | 1.6000e-004 | 0.0242 | 9.0000e-005 | 0.0243 | 6.4400e-003 | 8.0000e-005 | 6.5300e-003 | 0.0000 | 14.9009 | 14.9009 | 1.7000e-004 | 0.0000 | 14.9053 |
| Total | 3.9000e-003 | 2.2000e-003 | 0.0327 | 1.6000e-004 | 0.0242 | 9.0000e-005 | 0.0243 | 6.4400e-003 | 8.0000e-005 | 6.5300e-003 | 0.0000 | 14.9009 | 14.9009 | 1.7000e-004 | 0.0000 | 14.9053 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0121 | 0.0000 | 314.8009 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0121 | 0.0000 | 314.8009 |

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3.5 Paving - 2038

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.9000e-003 | 2.2000e-003 | 0.0327 | 1.6000e-004 | 0.0242 | 9.0000e-005 | 0.0243 | 6.4400e-003 | 8.0000e-005 | 6.5300e-003 | 0.0000 | 14.9009 | 14.9009 | 1.7000e-004 | 0.0000 | 14.9053 |
| Total | 3.9000e-003 | 2.2000e-003 | 0.0327 | 1.6000e-004 | 0.0242 | 9.0000e-005 | 0.0243 | 6.4400e-003 | 8.0000e-005 | 6.5300e-003 | 0.0000 | 14.9009 | 14.9009 | 1.7000e-004 | 0.0000 | 14.9053 |

3.5 Paving - 2039

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1483 | 0.6339 | 2.0566 | 3.6500e-003 | | 0.0244 | 0.0244 | | 0.0244 | 0.0244 | 0.0000 | 313.2937 | 313.2937 | 0.0121 | 0.0000 | 313.5951 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1483 | 0.6339 | 2.0566 | 3.6500e-003 | | 0.0244 | 0.0244 | | 0.0244 | 0.0244 | 0.0000 | 313.2937 | 313.2937 | 0.0121 | 0.0000 | 313.5951 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

3.5 Paving - 2039

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.8800e-003 | 2.1900e-003 | 0.0326 | 1.6000e-004 | 0.0242 | 9.0000e-005 | 0.0242 | 6.4200e-003 | 8.0000e-005 | 6.5000e-003 | 0.0000 | 14.8438 | 14.8438 | 1.7000e-004 | 0.0000 | 14.8482 |
| Total | 3.8800e-003 | 2.1900e-003 | 0.0326 | 1.6000e-004 | 0.0242 | 9.0000e-005 | 0.0242 | 6.4200e-003 | 8.0000e-005 | 6.5000e-003 | 0.0000 | 14.8438 | 14.8438 | 1.7000e-004 | 0.0000 | 14.8482 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0365 | 0.1580 | 2.2484 | 3.6500e-003 | | 4.8600e-003 | 4.8600e-003 | | 4.8600e-003 | 4.8600e-003 | 0.0000 | 313.2933 | 313.2933 | 0.0121 | 0.0000 | 313.5947 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0365 | 0.1580 | 2.2484 | 3.6500e-003 | | 4.8600e-003 | 4.8600e-003 | | 4.8600e-003 | 4.8600e-003 | 0.0000 | 313.2933 | 313.2933 | 0.0121 | 0.0000 | 313.5947 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

3.5 Paving - 2039

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.8800e-003 | 2.1900e-003 | 0.0326 | 1.6000e-004 | 0.0242 | 9.0000e-005 | 0.0242 | 6.4200e-003 | 8.0000e-005 | 6.5000e-003 | 0.0000 | 14.8438 | 14.8438 | 1.7000e-004 | 0.0000 | 14.8482 |
| Total | 3.8800e-003 | 2.1900e-003 | 0.0326 | 1.6000e-004 | 0.0242 | 9.0000e-005 | 0.0242 | 6.4200e-003 | 8.0000e-005 | 6.5000e-003 | 0.0000 | 14.8438 | 14.8438 | 1.7000e-004 | 0.0000 | 14.8482 |

3.6 Architectural Coating - 2032

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 6.9411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0170 | 0.1113 | 0.2337 | 3.9000e-004 | | 2.6400e-003 | 2.6400e-003 | | 2.6400e-003 | 2.6400e-003 | 0.0000 | 33.1923 | 33.1923 | 1.3400e-003 | 0.0000 | 33.2259 |
| Total | 6.9581 | 0.1113 | 0.2337 | 3.9000e-004 | | 2.6400e-003 | 2.6400e-003 | | 2.6400e-003 | 2.6400e-003 | 0.0000 | 33.1923 | 33.1923 | 1.3400e-003 | 0.0000 | 33.2259 |

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3.6 Architectural Coating - 2032

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1612 | 0.0880 | 1.2475 | 5.6000e-003 | 0.7857 | 3.6700e-003 | 0.7894 | 0.2089 | 3.3700e-003 | 0.2122 | 0.0000 | 507.4467 | 507.4467 | 7.1800e-003 | 0.0000 | 507.6263 |
| Total | 0.1612 | 0.0880 | 1.2475 | 5.6000e-003 | 0.7857 | 3.6700e-003 | 0.7894 | 0.2089 | 3.3700e-003 | 0.2122 | 0.0000 | 507.4467 | 507.4467 | 7.1800e-003 | 0.0000 | 507.6263 |

3.6 Architectural Coating - 2033

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 6.9411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0170 | 0.1113 | 0.2337 | 3.9000e-004 | | 2.6400e-003 | 2.6400e-003 | | 2.6400e-003 | 2.6400e-003 | 0.0000 | 33.1923 | 33.1923 | 1.3400e-003 | 0.0000 | 33.2259 |
| Total | 6.9581 | 0.1113 | 0.2337 | 3.9000e-004 | | 2.6400e-003 | 2.6400e-003 | | 2.6400e-003 | 2.6400e-003 | 0.0000 | 33.1923 | 33.1923 | 1.3400e-003 | 0.0000 | 33.2259 |

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3.6 Architectural Coating - 2033

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1473 | 0.0812 | 1.1773 | 5.5000e-003 | 0.7857 | 3.4200e-003 | 0.7891 | 0.2089 | 3.1500e-003 | 0.2120 | 0.0000 | 498.0283 | 498.0283 | 6.6000e-003 | 0.0000 | 498.1934 |
| Total | 0.1473 | 0.0812 | 1.1773 | 5.5000e-003 | 0.7857 | 3.4200e-003 | 0.7891 | 0.2089 | 3.1500e-003 | 0.2120 | 0.0000 | 498.0283 | 498.0283 | 6.6000e-003 | 0.0000 | 498.1934 |

3.6 Architectural Coating - 2034

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 6.9411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0170 | 0.1113 | 0.2337 | 3.9000e-004 | | 2.6400e-003 | 2.6400e-003 | | 2.6400e-003 | 2.6400e-003 | 0.0000 | 33.1923 | 33.1923 | 1.3400e-003 | 0.0000 | 33.2259 |
| Total | 6.9581 | 0.1113 | 0.2337 | 3.9000e-004 | | 2.6400e-003 | 2.6400e-003 | | 2.6400e-003 | 2.6400e-003 | 0.0000 | 33.1923 | 33.1923 | 1.3400e-003 | 0.0000 | 33.2259 |

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3.6 Architectural Coating - 2034

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1359 | 0.0756 | 1.1129 | 5.4100e-003 | 0.7857 | 3.1900e-003 | 0.7889 | 0.2089 | 2.9300e-003 | 0.2118 | 0.0000 | 489.8714 | 489.8714 | 6.0800e-003 | 0.0000 | 490.0234 |
| Total | 0.1359 | 0.0756 | 1.1129 | 5.4100e-003 | 0.7857 | 3.1900e-003 | 0.7889 | 0.2089 | 2.9300e-003 | 0.2118 | 0.0000 | 489.8714 | 489.8714 | 6.0800e-003 | 0.0000 | 490.0234 |

3.6 Architectural Coating - 2035

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 6.9678 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0154 | 0.0989 | 0.2342 | 3.9000e-004 | | 1.2900e-003 | 1.2900e-003 | | 1.2900e-003 | 1.2900e-003 | 0.0000 | 33.3200 | 33.3200 | 1.2300e-003 | 0.0000 | 33.3507 |
| Total | 6.9832 | 0.0989 | 0.2342 | 3.9000e-004 | | 1.2900e-003 | 1.2900e-003 | | 1.2900e-003 | 1.2900e-003 | 0.0000 | 33.3200 | 33.3200 | 1.2300e-003 | 0.0000 | 33.3507 |

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3.6 Architectural Coating - 2035

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1268 | 0.0717 | 1.0631 | 5.3500e-003 | 0.7887 | 3.0000e-003 | 0.7917 | 0.2097 | 2.7600e-003 | 0.2124 | 0.0000 | 484.7757 | 484.7757 | 5.6700e-003 | 0.0000 | 484.9176 |
| Total | 0.1268 | 0.0717 | 1.0631 | 5.3500e-003 | 0.7887 | 3.0000e-003 | 0.7917 | 0.2097 | 2.7600e-003 | 0.2124 | 0.0000 | 484.7757 | 484.7757 | 5.6700e-003 | 0.0000 | 484.9176 |

3.6 Architectural Coating - 2036

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 6.9945 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0154 | 0.0993 | 0.2351 | 3.9000e-004 | | 1.3000e-003 | 1.3000e-003 | | 1.3000e-003 | 1.3000e-003 | 0.0000 | 33.4476 | 33.4476 | 1.2400e-003 | 0.0000 | 33.4785 |
| Total | 7.0100 | 0.0993 | 0.2351 | 3.9000e-004 | | 1.3000e-003 | 1.3000e-003 | | 1.3000e-003 | 1.3000e-003 | 0.0000 | 33.4476 | 33.4476 | 1.2400e-003 | 0.0000 | 33.4785 |

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3.6 Architectural Coating - 2036

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1273 | 0.0719 | 1.0672 | 5.3700e-003 | 0.7918 | 3.0100e-003 | 0.7948 | 0.2105 | 2.7700e-003 | 0.2132 | 0.0000 | 486.6331 | 486.6331 | 5.7000e-003 | 0.0000 | 486.7755 |
| Total | 0.1273 | 0.0719 | 1.0672 | 5.3700e-003 | 0.7918 | 3.0100e-003 | 0.7948 | 0.2105 | 2.7700e-003 | 0.2132 | 0.0000 | 486.6331 | 486.6331 | 5.7000e-003 | 0.0000 | 486.7755 |

3.6 Architectural Coating - 2037

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 6.9678 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0154 | 0.0989 | 0.2342 | 3.9000e-004 | | 1.2900e-003 | 1.2900e-003 | | 1.2900e-003 | 1.2900e-003 | 0.0000 | 33.3200 | 33.3200 | 1.2300e-003 | 0.0000 | 33.3507 |
| Total | 6.9832 | 0.0989 | 0.2342 | 3.9000e-004 | | 1.2900e-003 | 1.2900e-003 | | 1.2900e-003 | 1.2900e-003 | 0.0000 | 33.3200 | 33.3200 | 1.2300e-003 | 0.0000 | 33.3507 |

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3.6 Architectural Coating - 2037

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1268 | 0.0717 | 1.0631 | 5.3500e-003 | 0.7887 | 3.0000e-003 | 0.7917 | 0.2097 | 2.7600e-003 | 0.2124 | 0.0000 | 484.7757 | 484.7757 | 5.6700e-003 | 0.0000 | 484.9176 |
| Total | 0.1268 | 0.0717 | 1.0631 | 5.3500e-003 | 0.7887 | 3.0000e-003 | 0.7917 | 0.2097 | 2.7600e-003 | 0.2124 | 0.0000 | 484.7757 | 484.7757 | 5.6700e-003 | 0.0000 | 484.9176 |

3.6 Architectural Coating - 2038

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 6.9678 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0154 | 0.0989 | 0.2342 | 3.9000e-004 | | 1.2900e-003 | 1.2900e-003 | | 1.2900e-003 | 1.2900e-003 | 0.0000 | 33.3200 | 33.3200 | 1.2300e-003 | 0.0000 | 33.3507 |
| Total | 6.9832 | 0.0989 | 0.2342 | 3.9000e-004 | | 1.2900e-003 | 1.2900e-003 | | 1.2900e-003 | 1.2900e-003 | 0.0000 | 33.3200 | 33.3200 | 1.2300e-003 | 0.0000 | 33.3507 |

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3.6 Architectural Coating - 2038

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1268 | 0.0717 | 1.0631 | 5.3500e-003 | 0.7887 | 3.0000e-003 | 0.7917 | 0.2097 | 2.7600e-003 | 0.2124 | 0.0000 | 484.7757 | 484.7757 | 5.6700e-003 | 0.0000 | 484.9176 |
| Total | 0.1268 | 0.0717 | 1.0631 | 5.3500e-003 | 0.7887 | 3.0000e-003 | 0.7917 | 0.2097 | 2.7600e-003 | 0.2124 | 0.0000 | 484.7757 | 484.7757 | 5.6700e-003 | 0.0000 | 484.9176 |

3.6 Architectural Coating - 2039

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 6.9411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0153 | 0.0985 | 0.2333 | 3.9000e-004 | | 1.2900e-003 | 1.2900e-003 | | 1.2900e-003 | 1.2900e-003 | 0.0000 | 33.1923 | 33.1923 | 1.2300e-003 | 0.0000 | 33.2230 |
| Total | 6.9565 | 0.0985 | 0.2333 | 3.9000e-004 | | 1.2900e-003 | 1.2900e-003 | | 1.2900e-003 | 1.2900e-003 | 0.0000 | 33.1923 | 33.1923 | 1.2300e-003 | 0.0000 | 33.2230 |

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3.6 Architectural Coating - 2039

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1263 | 0.0714 | 1.0591 | 5.3300e-003 | 0.7857 | 2.9900e-003 | 0.7887 | 0.2089 | 2.7500e-003 | 0.2116 | 0.0000 | 482.9184 | 482.9184 | 5.6500e-003 | 0.0000 | 483.0597 |
| Total | 0.1263 | 0.0714 | 1.0591 | 5.3300e-003 | 0.7857 | 2.9900e-003 | 0.7887 | 0.2089 | 2.7500e-003 | 0.2116 | 0.0000 | 482.9184 | 482.9184 | 5.6500e-003 | 0.0000 | 483.0597 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Improve Pedestrian Network

Provide Traffic Calming Measures

Implement Trip Reduction Program

Transit Subsidy

Encourage Telecommuting and Alternative Work Schedules

Implement School Bus Program

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|---------|---------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|--------|--------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 4.8073 | 53.5771 | 53.8524 | 0.3871 | 32.9928 | 0.1501 | 33.1429 | 8.8480 | 0.1405 | 8.9884 | 0.0000 | 36,038.31 81 | 36,038.31 81 | 1.8308 | 0.0000 | 36,084.08 72 |
| Unmitigated | 5.0482 | 55.0426 | 57.8647 | 0.4163 | 35.8853 | 0.1622 | 36.0476 | 9.6237 | 0.1518 | 9.7755 | 0.0000 | 38,747.62 70 | 38,747.62 70 | 1.8824 | 0.0000 | 38,794.68 65 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|-----------------------|-------------------------|------------------|------------------|-------------------|-------------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Condo/Townhouse | 0.00 | 0.00 | 0.00 | | |
| Elementary School | 0.00 | 0.00 | 0.00 | | |
| Office Park | 0.00 | 0.00 | 0.00 | | |
| Single Family Housing | 25,575.48 | 25,575.48 | 25,575.48 | 95,108,026 | 87,441,781 |
| Strip Mall | 0.00 | 0.00 | 0.00 | | |
| City Park | 0.00 | 0.00 | 0.00 | | |
| Total | 25,575.48 | 25,575.48 | 25,575.48 | 95,108,026 | 87,441,781 |

4.3 Trip Type Information

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| Land Use | Miles | | | Trip % | | | Trip Purpose % | | |
|-----------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| Condo/Townhouse | 16.80 | 7.10 | 7.90 | 42.30 | 19.60 | 38.10 | 86 | 11 | 3 |
| Elementary School | 14.70 | 6.60 | 6.60 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| Office Park | 14.70 | 6.60 | 6.60 | 33.00 | 48.00 | 19.00 | 82 | 15 | 3 |
| Single Family Housing | 16.80 | 7.10 | 7.90 | 42.30 | 19.60 | 38.10 | 86 | 11 | 3 |
| Strip Mall | 14.70 | 6.60 | 6.60 | 16.60 | 64.40 | 19.00 | 45 | 40 | 15 |
| City Park | 14.70 | 6.60 | 6.60 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Condo/Townhouse | 0.583441 | 0.028047 | 0.168882 | 0.089637 | 0.008318 | 0.003459 | 0.012571 | 0.094450 | 0.002456 | 0.001408 | 0.005913 | 0.000973 | 0.000446 |
| Elementary School | 0.583441 | 0.028047 | 0.168882 | 0.089637 | 0.008318 | 0.003459 | 0.012571 | 0.094450 | 0.002456 | 0.001408 | 0.005913 | 0.000973 | 0.000446 |
| Office Park | 0.583441 | 0.028047 | 0.168882 | 0.089637 | 0.008318 | 0.003459 | 0.012571 | 0.094450 | 0.002456 | 0.001408 | 0.005913 | 0.000973 | 0.000446 |
| Single Family Housing | 0.583441 | 0.028047 | 0.168882 | 0.089637 | 0.008318 | 0.003459 | 0.012571 | 0.094450 | 0.002456 | 0.001408 | 0.005913 | 0.000973 | 0.000446 |
| Strip Mall | 0.583441 | 0.028047 | 0.168882 | 0.089637 | 0.008318 | 0.003459 | 0.012571 | 0.094450 | 0.002456 | 0.001408 | 0.005913 | 0.000973 | 0.000446 |
| City Park | 0.583441 | 0.028047 | 0.168882 | 0.089637 | 0.008318 | 0.003459 | 0.012571 | 0.094450 | 0.002456 | 0.001408 | 0.005913 | 0.000973 | 0.000446 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable Energy

Install Energy Efficient Appliances

Village D Specific Plan - Phase II Construction - Madera County, Annual

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|---------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|--------|--------|------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Electricity Mitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 2,081.9179 | 2,081.9179 | 0.1836 | 0.0380 | 2,097.8299 |
| Electricity Unmitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 4,795.6891 | 4,795.6891 | 0.4230 | 0.0875 | 4,832.3423 |
| NaturalGas Mitigated | 0.4648 | 3.9959 | 1.8675 | 0.0254 | | | 0.3211 | 0.3211 | | 0.3211 | 0.3211 | 4,599.6567 | 4,599.6567 | 0.0882 | 0.0843 | 4,626.9902 |
| NaturalGas Unmitigated | 0.4944 | 4.2509 | 1.9875 | 0.0270 | | | 0.3416 | 0.3416 | | 0.3416 | 0.3416 | 4,893.0351 | 4,893.0351 | 0.0938 | 0.0897 | 4,922.1120 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 1.00607e+007 | 0.0543 | 0.4636 | 0.1973 | 2.9600e-003 | | 0.0375 | 0.0375 | | 0.0375 | 0.0375 | 0.0000 | 536.8786 | 536.8786 | 0.0103 | 9.8400e-003 | 540.0690 |
| Elementary School | 1.4695e+006 | 7.9200e-003 | 0.0720 | 0.0605 | 4.3000e-004 | | 5.4700e-003 | 5.4700e-003 | | 5.4700e-003 | 5.4700e-003 | 0.0000 | 78.4179 | 78.4179 | 1.5000e-003 | 1.4400e-003 | 78.8839 |
| Office Park | 5.29886e+006 | 0.0286 | 0.2598 | 0.2182 | 1.5600e-003 | | 0.0197 | 0.0197 | | 0.0197 | 0.0197 | 0.0000 | 282.7671 | 282.7671 | 5.4200e-003 | 5.1800e-003 | 284.4475 |
| Single Family Housing | 7.28406e+007 | 0.3928 | 3.3564 | 1.4283 | 0.0214 | | 0.2714 | 0.2714 | | 0.2714 | 0.2714 | 0.0000 | 3,887.0539 | 3,887.0539 | 0.0745 | 0.0713 | 3,910.1527 |
| Strip Mall | 2.0223e+006 | 0.0109 | 0.0991 | 0.0833 | 5.9000e-004 | | 7.5300e-003 | 7.5300e-003 | | 7.5300e-003 | 7.5300e-003 | 0.0000 | 107.9176 | 107.9176 | 2.0700e-003 | 1.9800e-003 | 108.5589 |
| Total | | 0.4944 | 4.2509 | 1.9875 | 0.0270 | | 0.3416 | 0.3416 | | 0.3416 | 0.3416 | 0.0000 | 4,893.0351 | 4,893.0351 | 0.0938 | 0.0897 | 4,922.1120 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

5.2 Energy by Land Use - NaturalGas

Mitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 9.50242e+006 | 0.0512 | 0.4379 | 0.1863 | 2.7900e-003 | | 0.0354 | 0.0354 | | 0.0354 | 0.0354 | 0.0000 | 507.0851 | 507.0851 | 9.7200e-003 | 9.3000e-003 | 510.0984 |
| Elementary School | 1.3745e+006 | 7.4100e-003 | 0.0674 | 0.0566 | 4.0000e-004 | | 5.1200e-003 | 5.1200e-003 | | 5.1200e-003 | 5.1200e-003 | 0.0000 | 73.3484 | 73.3484 | 1.4100e-003 | 1.3400e-003 | 73.7843 |
| Office Park | 4.94129e+006 | 0.0266 | 0.2422 | 0.2035 | 1.4500e-003 | | 0.0184 | 0.0184 | | 0.0184 | 0.0184 | 0.0000 | 263.6859 | 263.6859 | 5.0500e-003 | 4.8300e-003 | 265.2529 |
| Single Family Housing | 6.84679e+007 | 0.3692 | 3.1549 | 1.3425 | 0.0201 | | 0.2551 | 0.2551 | | 0.2551 | 0.2551 | 0.0000 | 3,653.7054 | 3,653.7054 | 0.0700 | 0.0670 | 3,675.4175 |
| Strip Mall | 1.90826e+006 | 0.0103 | 0.0935 | 0.0786 | 5.6000e-004 | | 7.1100e-003 | 7.1100e-003 | | 7.1100e-003 | 7.1100e-003 | 0.0000 | 101.8319 | 101.8319 | 1.9500e-003 | 1.8700e-003 | 102.4370 |
| Total | | 0.4648 | 3.9959 | 1.8675 | 0.0253 | | 0.3211 | 0.3211 | | 0.3211 | 0.3211 | 0.0000 | 4,599.6567 | 4,599.6567 | 0.0882 | 0.0843 | 4,626.9902 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 3.08454e+006 | 460.0313 | 0.0406 | 8.3900e-003 | 463.5473 |
| Elementary School | 410827 | 61.2712 | 5.4000e-003 | 1.1200e-003 | 61.7395 |
| Office Park | 2.71223e+006 | 404.5056 | 0.0357 | 7.3800e-003 | 407.5972 |
| Single Family Housing | 2.44074e+007 | 3,640.1515 | 0.3211 | 0.0664 | 3,667.9729 |
| Strip Mall | 1.54035e+006 | 229.7296 | 0.0203 | 4.1900e-003 | 231.4854 |
| Total | | 4,795.6891 | 0.4230 | 0.0875 | 4,832.3423 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 1.35131e+006 | 201.5354 | 0.0178 | 3.6800e-003 | 203.0758 |
| Elementary School | 157285 | 23.4576 | 2.0700e-003 | 4.3000e-004 | 23.6369 |
| Office Park | 1.1182e+006 | 166.7701 | 0.0147 | 3.0400e-003 | 168.0447 |
| Single Family Housing | 1.07519e+007 | 1,603.5453 | 0.1414 | 0.0293 | 1,615.8011 |
| Strip Mall | 580721 | 86.6095 | 7.6400e-003 | 1.5800e-003 | 87.2714 |
| Total | | 2,081.9179 | 0.1836 | 0.0380 | 2,097.8299 |

6.0 Area Detail

6.1 Mitigation Measures Area

Village D Specific Plan - Phase II Construction - Madera County, Annual

- Use Electric Lawnmower
- Use Electric Leafblower
- Use Electric Chainsaw
- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- No Hearths Installed
- Use Low VOC Cleaning Supplies

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|--------|----------|-------------|---------------|--------------|------------|----------------|---------------|-------------|------------|------------|------------|---------|--------|------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 27.8582 | 0.2272 | 18.7990 | 8.5000e-004 | | 0.1028 | 0.1028 | | 0.1028 | 0.1028 | 0.0000 | 28.4093 | 28.4093 | 0.0202 | 0.0000 | 28.9153 |
| Unmitigated | 49.2683 | 4.3739 | 199.1676 | 0.5766 | | 28.6059 | 28.6059 | | 28.6059 | 28.6059 | 3,798.3403 | 1,490.1158 | 5,288.4561 | 17.8229 | 0.0266 | 5,741.9486 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

6.2 Area by SubCategory

Unmitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|-----------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------|-------------------|----------------|---------------|-------------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 5.5663 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 23.6672 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 19.2941 | 4.0883 | 174.4217 | 0.5753 | | 28.4681 | 28.4681 | | 28.4681 | 28.4681 | 3,798.3403 | 1,449.5119 | 5,247.8523 | 17.7843 | 0.0266 | 5,700.3777 |
| Landscaping | 0.7408 | 0.2856 | 24.7460 | 1.3100e-003 | | 0.1378 | 0.1378 | | 0.1378 | 0.1378 | 0.0000 | 40.6038 | 40.6038 | 0.0387 | 0.0000 | 41.5709 |
| Total | 49.2683 | 4.3739 | 199.1676 | 0.5766 | | 28.6059 | 28.6059 | | 28.6059 | 28.6059 | 3,798.3403 | 1,490.1158 | 5,288.4561 | 17.8229 | 0.0266 | 5,741.9486 |

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6.2 Area by SubCategory

Mitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|----------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 5.5663 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 21.8991 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Landscaping | 0.3928 | 0.2272 | 18.7990 | 8.5000e-004 | | 0.1028 | 0.1028 | | 0.1028 | 0.1028 | 0.0000 | 28.4093 | 28.4093 | 0.0202 | 0.0000 | 28.9153 |
| Total | 27.8582 | 0.2272 | 18.7990 | 8.5000e-004 | | 0.1028 | 0.1028 | | 0.1028 | 0.1028 | 0.0000 | 28.4093 | 28.4093 | 0.0202 | 0.0000 | 28.9153 |

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Village D Specific Plan - Phase II Construction - Madera County, Annual

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|--------|--------|----------|
| Category | MT/yr | | | |
| Mitigated | 344.5950 | 7.1941 | 0.1743 | 576.3922 |
| Unmitigated | 430.7438 | 8.9926 | 0.2179 | 720.4902 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

7.2 Water by Land Use

Unmitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 57.0839 | 29.7974 | 2.6300e-003 | 5.4000e-004 | 30.0252 |
| Condo/Townhouse | 36.4863 / 23.0022 | 53.0269 | 1.1926 | 0.0288 | 91.4320 |
| Elementary School | 1.69697 / 4.36363 | 4.1856 | 0.0556 | 1.3700e-003 | 5.9850 |
| Office Park | 41.3426 / 25.339 | 59.7066 | 1.3513 | 0.0327 | 103.2206 |
| Single Family Housing | 181.519 / 114.436 | 263.8090 | 5.9330 | 0.1434 | 454.8743 |
| Strip Mall | 13.9997 / 8.58047 | 20.2182 | 0.4576 | 0.0111 | 34.9532 |
| Total | | 430.7438 | 8.9926 | 0.2179 | 720.4902 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

7.2 Water by Land Use

Mitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 45.6671 | 23.8380 | 2.1000e-003 | 4.3000e-004 | 24.0202 |
| Condo/Townhouse | 29.189 / 18.4018 | 42.4216 | 0.9541 | 0.0231 | 73.1456 |
| Elementary School | 1.35757 / 3.49091 | 3.3485 | 0.0445 | 1.1000e-003 | 4.7880 |
| Office Park | 33.0741 / 20.2712 | 47.7653 | 1.0810 | 0.0261 | 82.5765 |
| Single Family Housing | 145.215 / 91.5488 | 211.0472 | 4.7464 | 0.1147 | 363.8994 |
| Strip Mall | 11.1998 / 6.86437 | 16.1746 | 0.3661 | 8.8500e-003 | 27.9626 |
| Total | | 344.5950 | 7.1941 | 0.1743 | 576.3922 |

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Village D Specific Plan - Phase II Construction - Madera County, Annual

Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|---------|--------|----------------|
| | MT/yr | | | |
| Mitigated | 559.1483 | 33.0447 | 0.0000 | 1,385.266 1 |
| Unmitigated | 745.5310 | 44.0596 | 0.0000 | 1,847.021 5 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

8.2 Waste by Land Use

Unmitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-----------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 4.12 | 0.8363 | 0.0494 | 0.0000 | 2.0720 |
| Condo/Townhouse | 257.6 | 52.2905 | 3.0903 | 0.0000 | 129.5474 |
| Elementary School | 127.75 | 25.9321 | 1.5325 | 0.0000 | 64.2457 |
| Office Park | 216.33 | 43.9130 | 2.5952 | 0.0000 | 108.7927 |
| Single Family Housing | 2868.48 | 582.2755 | 34.4115 | 0.0000 | 1,442.5630 |
| Strip Mall | 198.45 | 40.2836 | 2.3807 | 0.0000 | 99.8008 |
| Total | | 745.5310 | 44.0596 | 0.0000 | 1,847.0215 |

Village D Specific Plan - Phase II Construction - Madera County, Annual

8.2 Waste by Land Use

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-----------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 3.09 | 0.6272 | 0.0371 | 0.0000 | 1.5540 |
| Condo/Townhouse | 193.2 | 39.2179 | 2.3177 | 0.0000 | 97.1606 |
| Elementary School | 95.8125 | 19.4491 | 1.1494 | 0.0000 | 48.1843 |
| Office Park | 162.248 | 32.9348 | 1.9464 | 0.0000 | 81.5945 |
| Single Family Housing | 2151.36 | 436.7066 | 25.8086 | 0.0000 | 1,081.9222 |
| Strip Mall | 148.837 | 30.2127 | 1.7855 | 0.0000 | 74.8506 |
| Total | | 559.1483 | 33.0447 | 0.0000 | 1,385.2661 |

9.0 Operational Offroad

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

| Equipment Type | Number | Hours/Day | Hours/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|------------|-------------|-------------|-----------|
|----------------|--------|-----------|------------|-------------|-------------|-----------|

Boilers

Village D Specific Plan - Phase II Construction - Madera County, Annual

| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

User Defined Equipment

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

11.0 Vegetation

Village D Specific Plan - Phase II Operational Mitigated- Madera County, Annual

**Village D Specific Plan - Phase II Operational Mitigated
Madera County, Annual**

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-----------------------|----------|---------------|-------------|--------------------|------------|
| Office Park | 232.61 | 1000sqft | 29.69 | 232,610.00 | 0 |
| Elementary School | 1,400.00 | Student | 33.85 | 117,044.72 | 0 |
| City Park | 114.66 | Acre | 114.66 | 4,994,589.60 | 0 |
| Condo/Townhouse | 2,278.00 | Dwelling Unit | 269.32 | 2,278,000.00 | 6515 |
| Single Family Housing | 5,043.00 | Dwelling Unit | 618.87 | 9,077,400.00 | 14423 |
| Strip Mall | 840.00 | 1000sqft | 55.07 | 840,000.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|--------------------------------|--------------------------------|--------------------------------|-------|----------------------------------|-------|
| Urbanization | Rural | Wind Speed (m/s) | 2.9 | Precipitation Freq (Days) | 51 |
| Climate Zone | 3 | | | Operational Year | 2040 |
| Utility Company | Pacific Gas & Electric Company | | | | |
| CO2 Intensity (lb/MWhr) | 328.8 | CH4 Intensity (lb/MWhr) | 0.029 | N2O Intensity (lb/MWhr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

Project Characteristics - CO2 intensity based on 5-year average (PG&E 2015)

Land Use - Based on land use summary

Construction Phase - Assuming operational by 2039

Vehicle Trips - Based on trip generation prepared for the proposed project

Construction Off-road Equipment Mitigation - Assuming Tier 2 construction equipment and compliance with SJVAPCD Rule 9510

Mobile Land Use Mitigation -

Mobile Commute Mitigation - Implement trip reduction program, encourage telecommuting, employee vanpool/shuttle, and ride sharing program

Area Mitigation - Only natural gas hearth and use low VOC paint

Energy Mitigation - Assuming energy-efficient clothes washers, dishwashers, fans, and refrigerators in all residential units. Mitigation includes exceed Title 24 by 20%, 20% lighting energy reduction, and 20 percent on-site renewable energy

Water Mitigation - Mitigation includes applying a water conservation strategy to reduce water usage by 20%

Waste Mitigation - Assuming 25 percent reduction in waste disposed, consistent with the CalRecycle Waste Diversion and Recycling Mandate

| Table Name | Column Name | Default Value | New Value |
|---------------------------|------------------------------|---------------|-----------|
| tblAreaMitigation | UseLowVOCPaintParkingCheck | False | True |
| tblConstDustMitigation | WaterUnpavedRoadVehicleSpeed | 0 | 15 |
| tblConstructionPhase | NumDays | 11,000.00 | 2,610.00 |
| tblConstructionPhase | NumDays | 155,000.00 | 2,610.00 |
| tblConstructionPhase | NumDays | 15,500.00 | 2,610.00 |
| tblConstructionPhase | NumDays | 11,000.00 | 2,610.00 |
| tblConstructionPhase | NumDays | 6,000.00 | 2,610.00 |
| tblGrading | AcresOfGrading | 6,525.00 | 38,750.00 |
| tblLandUse | LotAcreage | 5.34 | 29.69 |
| tblLandUse | LotAcreage | 2.69 | 33.85 |
| tblLandUse | LotAcreage | 142.38 | 269.32 |
| tblLandUse | LotAcreage | 1,637.34 | 618.87 |
| tblLandUse | LotAcreage | 19.28 | 55.07 |
| tblProjectCharacteristics | CO2IntensityFactor | 641.35 | 328.8 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

| tblProjectCharacteristics | UrbanizationLevel | Urban | Rural |
|---------------------------|--------------------|--------|----------|
| tblVehicleTrips | HO_TL | 7.90 | 7.11 |
| tblVehicleTrips | HS_TL | 7.10 | 6.39 |
| tblVehicleTrips | HW_TL | 16.80 | 15.12 |
| tblVehicleTrips | ST_TR | 22.75 | 0.00 |
| tblVehicleTrips | ST_TR | 5.67 | 0.00 |
| tblVehicleTrips | ST_TR | 1.64 | 0.00 |
| tblVehicleTrips | ST_TR | 9.91 | 9.18 |
| tblVehicleTrips | ST_TR | 42.04 | 0.00 |
| tblVehicleTrips | SU_TR | 16.74 | 0.00 |
| tblVehicleTrips | SU_TR | 4.84 | 0.00 |
| tblVehicleTrips | SU_TR | 0.76 | 0.00 |
| tblVehicleTrips | SU_TR | 8.62 | 9.18 |
| tblVehicleTrips | SU_TR | 20.43 | 0.00 |
| tblVehicleTrips | WD_TR | 1.89 | 0.00 |
| tblVehicleTrips | WD_TR | 5.81 | 0.00 |
| tblVehicleTrips | WD_TR | 1.29 | 0.00 |
| tblVehicleTrips | WD_TR | 11.42 | 0.00 |
| tblVehicleTrips | WD_TR | 9.52 | 9.18 |
| tblVehicleTrips | WD_TR | 44.32 | 0.00 |
| tblWoodstoves | NumberCatalytic | 269.32 | 142.38 |
| tblWoodstoves | NumberCatalytic | 618.87 | 1,637.34 |
| tblWoodstoves | NumberNoncatalytic | 269.32 | 142.38 |
| tblWoodstoves | NumberNoncatalytic | 618.87 | 1,637.34 |

2.0 Emissions Summary

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

2.1 Overall Construction

Unmitigated Construction

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------------|-------------------------|---------------|---------------|-------------------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2021 | 19.1756 | 43.4818 | 57.0626 | 0.1944 | 36.6480 | 0.9064 | 37.5544 | 7.4198 | 0.8400 | 8.2598 | 0.0000 | 17,784.49 81 | 17,784.49 81 | 1.3190 | 0.0000 | 17,817.47 18 |
| 2022 | 18.4936 | 39.3947 | 52.5489 | 0.1897 | 36.6480 | 0.7572 | 37.4052 | 7.4198 | 0.7019 | 8.1217 | 0.0000 | 17,361.96 30 | 17,361.96 30 | 1.2782 | 0.0000 | 17,393.91 84 |
| 2023 | 17.7777 | 32.2340 | 48.1571 | 0.1841 | 36.6480 | 0.6149 | 37.2629 | 7.4198 | 0.5690 | 7.9888 | 0.0000 | 16,851.99 90 | 16,851.99 90 | 1.1075 | 0.0000 | 16,879.68 57 |
| 2024 | 17.5575 | 31.5144 | 46.0776 | 0.1830 | 36.7719 | 0.5859 | 37.3577 | 7.4598 | 0.5419 | 8.0018 | 0.0000 | 16,753.78 24 | 16,753.78 24 | 1.1121 | 0.0000 | 16,781.58 58 |
| 2025 | 17.0973 | 29.8939 | 42.8343 | 0.1777 | 36.7099 | 0.5173 | 37.2273 | 7.4398 | 0.4785 | 7.9183 | 0.0000 | 16,274.91 21 | 16,274.91 21 | 1.1029 | 0.0000 | 16,302.48 53 |
| 2026 | 16.8624 | 29.5441 | 41.1149 | 0.1762 | 36.7099 | 0.5183 | 37.2282 | 7.4398 | 0.4794 | 7.9192 | 0.0000 | 16,137.07 97 | 16,137.07 97 | 1.0965 | 0.0000 | 16,164.49 29 |
| 2027 | 16.6140 | 29.1908 | 39.0387 | 0.1725 | 36.7099 | 0.5138 | 37.2237 | 7.4398 | 0.4752 | 7.9150 | 0.0000 | 15,801.61 23 | 15,801.61 23 | 1.0785 | 0.0000 | 15,828.57 48 |
| 2028 | 16.2873 | 28.7840 | 37.0609 | 0.1686 | 36.6480 | 0.5061 | 37.1541 | 7.4198 | 0.4681 | 7.8880 | 0.0000 | 15,448.39 68 | 15,448.39 68 | 1.0580 | 0.0000 | 15,474.84 63 |
| 2029 | 16.0852 | 28.6157 | 35.5059 | 0.1664 | 36.7100 | 0.5028 | 37.2127 | 7.4398 | 0.4651 | 7.9049 | 0.0000 | 15,248.43 75 | 15,248.43 75 | 1.0446 | 0.0000 | 15,274.55 26 |
| 2030 | 15.9110 | 24.1937 | 33.4995 | 0.1672 | 36.7100 | 0.2641 | 36.9740 | 7.4398 | 0.2583 | 7.6982 | 0.0000 | 15,343.54 80 | 15,343.54 80 | 0.5902 | 0.0000 | 15,358.30 32 |
| 2031 | 0.1797 | 0.2755 | 0.3683 | 1.9000e-003 | 20.7330 | 2.9800e-003 | 20.7360 | 2.2786 | 2.9200e-003 | 2.2816 | 0.0000 | 174.0988 | 174.0988 | 6.6300e-003 | 0.0000 | 174.2645 |
| Maximum | 19.1756 | 43.4818 | 57.0626 | 0.1944 | 36.7719 | 0.9064 | 37.5544 | 7.4598 | 0.8400 | 8.2598 | 0.0000 | 17,784.49 81 | 17,784.49 81 | 1.3190 | 0.0000 | 17,817.47 18 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

| Quarter | Start Date | End Date | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|-----------|--|--|
| 1 | 1-7-2030 | 4-6-2030 | 9.9614 | 9.9614 |
| 2 | 4-7-2030 | 7-6-2030 | 9.9988 | 9.9988 |
| 3 | 7-7-2030 | 10-6-2030 | 10.1139 | 10.1139 |
| 4 | 10-7-2030 | 1-6-2031 | 9.8513 | 9.8513 |
| | | Highest | 10.1139 | 10.1139 |

2.2 Overall Operational

Unmitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|-----------------|-----------------|-----------------|---------------|----------------|----------------|-----------------|----------------|----------------|----------------|-------------------|--------------------|--------------------|-----------------|---------------|---------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 98.7381 | 8.7368 | 384.6946 | 1.0950 | | 54.2563 | 54.2563 | | 54.2563 | 54.2563 | 7,194.9148 | 3,260.3525 | 10,455.2673 | 33.7802 | 0.0581 | 11,317.0991 |
| Energy | 1.0245 | 8.8057 | 4.0971 | 0.0559 | | 0.7079 | 0.7079 | | 0.7079 | 0.7079 | 0.0000 | 20,147.7526 | 20,147.7526 | 1.0771 | 0.3685 | 20,284.4996 |
| Mobile | 8.5970 | 96.3437 | 95.7345 | 0.6881 | 58.4631 | 0.2665 | 58.7295 | 15.6786 | 0.2493 | 15.9279 | 0.0000 | 64,055.5568 | 64,055.5568 | 3.2915 | 0.0000 | 64,137.8433 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 1,543.5128 | 0.0000 | 1,543.5128 | 91.2190 | 0.0000 | 3,823.9877 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 185.2604 | 737.2209 | 922.4814 | 19.0931 | 0.4628 | 1,537.7058 |
| Total | 108.3596 | 113.8862 | 484.5262 | 1.8390 | 58.4631 | 55.2306 | 113.6936 | 15.6786 | 55.2134 | 70.8920 | 8,923.6881 | 88,200.8829 | 97,124.5710 | 148.4608 | 0.8894 | 101,101.1354 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

2.2 Overall Operational

Mitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|-----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|-------------------|--------------------|--------------------|----------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 62.1477 | 0.6249 | 54.1441 | 2.8700e-003 | | 0.3015 | 0.3015 | | 0.3015 | 0.3015 | 0.0000 | 88.8411 | 88.8411 | 0.0846 | 0.0000 | 90.9571 |
| Energy | 0.8513 | 7.3169 | 3.4024 | 0.0464 | | 0.5882 | 0.5882 | | 0.5882 | 0.5882 | 0.0000 | 17,540.2734 | 17,540.2734 | 0.9654 | 0.3208 | 17,660.0059 |
| Mobile | 8.1910 | 93.8742 | 88.9735 | 0.6389 | 53.5889 | 0.2461 | 53.8350 | 14.3714 | 0.2302 | 14.6016 | 0.0000 | 59,490.1984 | 59,490.1984 | 3.2045 | 0.0000 | 59,570.3105 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 1,157.6346 | 0.0000 | 1,157.6346 | 68.4143 | 0.0000 | 2,867.9908 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 148.2084 | 589.7767 | 737.9851 | 15.2744 | 0.3702 | 1,230.1646 |
| Total | 71.1900 | 101.8160 | 146.5200 | 0.6882 | 53.5889 | 1.1358 | 54.7247 | 14.3714 | 1.1199 | 15.4914 | 1,305.8430 | 77,709.0896 | 79,014.9326 | 87.9432 | 0.6910 | 81,419.4288 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|----------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Percent Reduction | 34.30 | 10.60 | 69.76 | 62.58 | 8.34 | 97.94 | 51.87 | 8.34 | 97.97 | 78.15 | 85.37 | 11.90 | 18.65 | 40.76 | 22.31 | 19.47 |

3.0 Construction Detail

Construction Phase

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|----------|---------------|----------|-------------------|
| 1 | Site Preparation | Site Preparation | 1/4/2021 | 1/3/2031 | 5 | 2610 | |
| 2 | Grading | Grading | 1/4/2021 | 1/3/2031 | 5 | 2610 | |
| 3 | Building Construction | Building Construction | 1/4/2021 | 1/3/2031 | 5 | 2610 | |
| 4 | Paving | Paving | 1/4/2021 | 1/3/2031 | 5 | 2610 | |
| 5 | Architectural Coating | Architectural Coating | 1/4/2021 | 1/3/2031 | 5 | 2610 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 38750

Acres of Paving: 0

Residential Indoor: 22,994,685; Residential Outdoor: 7,664,895; Non-Residential Indoor: 1,784,482; Non-Residential Outdoor: 594,827; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Site Preparation | Rubber Tired Dozers | 3 | 8.00 | 247 | 0.40 |
| Site Preparation | Tractors/Loaders/Backhoes | 4 | 8.00 | 97 | 0.37 |
| Grading | Excavators | 2 | 8.00 | 158 | 0.38 |
| Grading | Graders | 1 | 8.00 | 187 | 0.41 |
| Grading | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Grading | Scrapers | 2 | 8.00 | 367 | 0.48 |
| Grading | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Building Construction | Cranes | 1 | 7.00 | 231 | 0.29 |
| Building Construction | Forklifts | 3 | 8.00 | 89 | 0.20 |
| Building Construction | Generator Sets | 1 | 8.00 | 84 | 0.74 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97 | 0.37 |
| Building Construction | Welders | 1 | 8.00 | 46 | 0.45 |
| Paving | Pavers | 2 | 8.00 | 130 | 0.42 |
| Paving | Paving Equipment | 2 | 8.00 | 132 | 0.36 |
| Paving | Rollers | 2 | 8.00 | 80 | 0.38 |
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 5,946.00 | 1,796.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 1,189.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3486 | 0.0000 | 2.3486 | 1.2910 | 0.0000 | 1.2910 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | | 0.2658 | 0.2658 | | 0.2445 | 0.2445 | 0.0000 | 434.6643 | 434.6643 | 0.1406 | 0.0000 | 438.1788 |
| Total | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | 2.3486 | 0.2658 | 2.6144 | 1.2910 | 0.2445 | 1.5355 | 0.0000 | 434.6643 | 434.6643 | 0.1406 | 0.0000 | 438.1788 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.2 Site Preparation - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |
| Total | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0569 | 0.0000 | 1.0569 | 0.5809 | 0.0000 | 0.5809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | | 0.2658 | 0.2658 | | 0.2445 | 0.2445 | 0.0000 | 434.6638 | 434.6638 | 0.1406 | 0.0000 | 438.1783 |
| Total | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | 1.0569 | 0.2658 | 1.3227 | 0.5809 | 0.2445 | 0.8255 | 0.0000 | 434.6638 | 434.6638 | 0.1406 | 0.0000 | 438.1783 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.2 Site Preparation - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |
| Total | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |

3.2 Site Preparation - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3486 | 0.0000 | 2.3486 | 1.2910 | 0.0000 | 1.2910 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4121 | 4.3009 | 2.5607 | 4.9500e-003 | | 0.2096 | 0.2096 | | 0.1929 | 0.1929 | 0.0000 | 434.7121 | 434.7121 | 0.1406 | 0.0000 | 438.2270 |
| Total | 0.4121 | 4.3009 | 2.5607 | 4.9500e-003 | 2.3486 | 0.2096 | 2.5582 | 1.2910 | 0.1929 | 1.4839 | 0.0000 | 434.7121 | 434.7121 | 0.1406 | 0.0000 | 438.2270 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.2 Site Preparation - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0126 | 8.2400e-003 | 0.0921 | 2.7000e-004 | 0.0290 | 2.1000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.9000e-003 | 0.0000 | 24.6904 | 24.6904 | 6.5000e-004 | 0.0000 | 24.7067 |
| Total | 0.0126 | 8.2400e-003 | 0.0921 | 2.7000e-004 | 0.0290 | 2.1000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.9000e-003 | 0.0000 | 24.6904 | 24.6904 | 6.5000e-004 | 0.0000 | 24.7067 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0569 | 0.0000 | 1.0569 | 0.5809 | 0.0000 | 0.5809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4121 | 4.3009 | 2.5607 | 4.9500e-003 | | 0.2096 | 0.2096 | | 0.1929 | 0.1929 | 0.0000 | 434.7116 | 434.7116 | 0.1406 | 0.0000 | 438.2264 |
| Total | 0.4121 | 4.3009 | 2.5607 | 4.9500e-003 | 1.0569 | 0.2096 | 1.2665 | 0.5809 | 0.1929 | 0.7738 | 0.0000 | 434.7116 | 434.7116 | 0.1406 | 0.0000 | 438.2264 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.2 Site Preparation - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0126 | 8.2400e-003 | 0.0921 | 2.7000e-004 | 0.0290 | 2.1000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.9000e-003 | 0.0000 | 24.6904 | 24.6904 | 6.5000e-004 | 0.0000 | 24.7067 |
| Total | 0.0126 | 8.2400e-003 | 0.0921 | 2.7000e-004 | 0.0290 | 2.1000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.9000e-003 | 0.0000 | 24.6904 | 24.6904 | 6.5000e-004 | 0.0000 | 24.7067 |

3.2 Site Preparation - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3486 | 0.0000 | 2.3486 | 1.2910 | 0.0000 | 1.2910 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3457 | 3.5781 | 2.3718 | 4.9500e-003 | | 0.1646 | 0.1646 | | 0.1514 | 0.1514 | 0.0000 | 434.8591 | 434.8591 | 0.1406 | 0.0000 | 438.3751 |
| Total | 0.3457 | 3.5781 | 2.3718 | 4.9500e-003 | 2.3486 | 0.1646 | 2.5132 | 1.2910 | 0.1514 | 1.4424 | 0.0000 | 434.8591 | 434.8591 | 0.1406 | 0.0000 | 438.3751 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.2 Site Preparation - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0117 | 7.3700e-003 | 0.0842 | 2.6000e-004 | 0.0290 | 2.0000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.8900e-003 | 0.0000 | 23.7569 | 23.7569 | 5.8000e-004 | 0.0000 | 23.7714 |
| Total | 0.0117 | 7.3700e-003 | 0.0842 | 2.6000e-004 | 0.0290 | 2.0000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.8900e-003 | 0.0000 | 23.7569 | 23.7569 | 5.8000e-004 | 0.0000 | 23.7714 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0569 | 0.0000 | 1.0569 | 0.5809 | 0.0000 | 0.5809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3457 | 3.5781 | 2.3718 | 4.9500e-003 | | 0.1646 | 0.1646 | | 0.1514 | 0.1514 | 0.0000 | 434.8585 | 434.8585 | 0.1406 | 0.0000 | 438.3746 |
| Total | 0.3457 | 3.5781 | 2.3718 | 4.9500e-003 | 1.0569 | 0.1646 | 1.2215 | 0.5809 | 0.1514 | 0.7324 | 0.0000 | 434.8585 | 434.8585 | 0.1406 | 0.0000 | 438.3746 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.2 Site Preparation - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0117 | 7.3700e-003 | 0.0842 | 2.6000e-004 | 0.0290 | 2.0000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.8900e-003 | 0.0000 | 23.7569 | 23.7569 | 5.8000e-004 | 0.0000 | 23.7714 |
| Total | 0.0117 | 7.3700e-003 | 0.0842 | 2.6000e-004 | 0.0290 | 2.0000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.8900e-003 | 0.0000 | 23.7569 | 23.7569 | 5.8000e-004 | 0.0000 | 23.7714 |

3.2 Site Preparation - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3667 | 0.0000 | 2.3667 | 1.3009 | 0.0000 | 1.3009 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3486 | 3.5601 | 2.4020 | 4.9900e-003 | | 0.1610 | 0.1610 | | 0.1482 | 0.1482 | 0.0000 | 438.2875 | 438.2875 | 0.1418 | 0.0000 | 441.8313 |
| Total | 0.3486 | 3.5601 | 2.4020 | 4.9900e-003 | 2.3667 | 0.1610 | 2.5277 | 1.3009 | 0.1482 | 1.4491 | 0.0000 | 438.2875 | 438.2875 | 0.1418 | 0.0000 | 441.8313 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.2 Site Preparation - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0111 | 6.7400e-003 | 0.0798 | 2.6000e-004 | 0.0292 | 2.1000e-004 | 0.0294 | 7.7600e-003 | 1.9000e-004 | 7.9500e-003 | 0.0000 | 23.4800 | 23.4800 | 5.5000e-004 | 0.0000 | 23.4936 |
| Total | 0.0111 | 6.7400e-003 | 0.0798 | 2.6000e-004 | 0.0292 | 2.1000e-004 | 0.0294 | 7.7600e-003 | 1.9000e-004 | 7.9500e-003 | 0.0000 | 23.4800 | 23.4800 | 5.5000e-004 | 0.0000 | 23.4936 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0650 | 0.0000 | 1.0650 | 0.5854 | 0.0000 | 0.5854 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3486 | 3.5601 | 2.4020 | 4.9900e-003 | | 0.1610 | 0.1610 | | 0.1482 | 0.1482 | 0.0000 | 438.2870 | 438.2870 | 0.1418 | 0.0000 | 441.8308 |
| Total | 0.3486 | 3.5601 | 2.4020 | 4.9900e-003 | 1.0650 | 0.1610 | 1.2261 | 0.5854 | 0.1482 | 0.7336 | 0.0000 | 438.2870 | 438.2870 | 0.1418 | 0.0000 | 441.8308 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.2 Site Preparation - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0111 | 6.7400e-003 | 0.0798 | 2.6000e-004 | 0.0292 | 2.1000e-004 | 0.0294 | 7.7600e-003 | 1.9000e-004 | 7.9500e-003 | 0.0000 | 23.4800 | 23.4800 | 5.5000e-004 | 0.0000 | 23.4936 |
| Total | 0.0111 | 6.7400e-003 | 0.0798 | 2.6000e-004 | 0.0292 | 2.1000e-004 | 0.0294 | 7.7600e-003 | 1.9000e-004 | 7.9500e-003 | 0.0000 | 23.4800 | 23.4800 | 5.5000e-004 | 0.0000 | 23.4936 |

3.2 Site Preparation - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3577 | 0.0000 | 2.3577 | 1.2960 | 0.0000 | 1.2960 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 2.3577 | 0.1418 | 2.4995 | 1.2960 | 0.1305 | 1.4264 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.2 Site Preparation - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0103 | 6.0700e-003 | 0.0733 | 2.5000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.4519 | 22.4519 | 4.9000e-004 | 0.0000 | 22.4641 |
| Total | 0.0103 | 6.0700e-003 | 0.0733 | 2.5000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.4519 | 22.4519 | 4.9000e-004 | 0.0000 | 22.4641 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0609 | 0.0000 | 1.0609 | 0.5832 | 0.0000 | 0.5832 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 1.0609 | 0.1418 | 1.2028 | 0.5832 | 0.1305 | 0.7137 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.2 Site Preparation - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0103 | 6.0700e-003 | 0.0733 | 2.5000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.4519 | 22.4519 | 4.9000e-004 | 0.0000 | 22.4641 |
| Total | 0.0103 | 6.0700e-003 | 0.0733 | 2.5000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.4519 | 22.4519 | 4.9000e-004 | 0.0000 | 22.4641 |

3.2 Site Preparation - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3577 | 0.0000 | 2.3577 | 1.2960 | 0.0000 | 1.2960 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 2.3577 | 0.1418 | 2.4995 | 1.2960 | 0.1305 | 1.4264 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.2 Site Preparation - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.7600e-003 | 5.6000e-003 | 0.0694 | 2.5000e-004 | 0.0291 | 2.1000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.1999 | 22.1999 | 4.7000e-004 | 0.0000 | 22.2115 |
| Total | 9.7600e-003 | 5.6000e-003 | 0.0694 | 2.5000e-004 | 0.0291 | 2.1000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.1999 | 22.1999 | 4.7000e-004 | 0.0000 | 22.2115 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0609 | 0.0000 | 1.0609 | 0.5832 | 0.0000 | 0.5832 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 1.0609 | 0.1418 | 1.2028 | 0.5832 | 0.1305 | 0.7137 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.2 Site Preparation - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.7600e-003 | 5.6000e-003 | 0.0694 | 2.5000e-004 | 0.0291 | 2.1000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.1999 | 22.1999 | 4.7000e-004 | 0.0000 | 22.2115 |
| Total | 9.7600e-003 | 5.6000e-003 | 0.0694 | 2.5000e-004 | 0.0291 | 2.1000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.1999 | 22.1999 | 4.7000e-004 | 0.0000 | 22.2115 |

3.2 Site Preparation - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3577 | 0.0000 | 2.3577 | 1.2960 | 0.0000 | 1.2960 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 2.3577 | 0.1418 | 2.4995 | 1.2960 | 0.1305 | 1.4264 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.2 Site Preparation - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.1700e-003 | 5.1100e-003 | 0.0646 | 2.4000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.8000e-004 | 7.9100e-003 | 0.0000 | 21.4404 | 21.4404 | 4.2000e-004 | 0.0000 | 21.4509 |
| Total | 9.1700e-003 | 5.1100e-003 | 0.0646 | 2.4000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.8000e-004 | 7.9100e-003 | 0.0000 | 21.4404 | 21.4404 | 4.2000e-004 | 0.0000 | 21.4509 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0609 | 0.0000 | 1.0609 | 0.5832 | 0.0000 | 0.5832 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 1.0609 | 0.1418 | 1.2028 | 0.5832 | 0.1305 | 0.7137 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.2 Site Preparation - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.1700e-003 | 5.1100e-003 | 0.0646 | 2.4000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.8000e-004 | 7.9100e-003 | 0.0000 | 21.4404 | 21.4404 | 4.2000e-004 | 0.0000 | 21.4509 |
| Total | 9.1700e-003 | 5.1100e-003 | 0.0646 | 2.4000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.8000e-004 | 7.9100e-003 | 0.0000 | 21.4404 | 21.4404 | 4.2000e-004 | 0.0000 | 21.4509 |

3.2 Site Preparation - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3486 | 0.0000 | 2.3486 | 1.2910 | 0.0000 | 1.2910 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3215 | 3.2804 | 2.3285 | 4.9500e-003 | | 0.1413 | 0.1413 | | 0.1300 | 0.1300 | 0.0000 | 435.0708 | 435.0708 | 0.1407 | 0.0000 | 438.5886 |
| Total | 0.3215 | 3.2804 | 2.3285 | 4.9500e-003 | 2.3486 | 0.1413 | 2.4899 | 1.2910 | 0.1300 | 1.4210 | 0.0000 | 435.0708 | 435.0708 | 0.1407 | 0.0000 | 438.5886 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.2 Site Preparation - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.5000e-003 | 4.6500e-003 | 0.0601 | 2.3000e-004 | 0.0290 | 1.8000e-004 | 0.0292 | 7.7000e-003 | 1.7000e-004 | 7.8700e-003 | 0.0000 | 20.6890 | 20.6890 | 3.8000e-004 | 0.0000 | 20.6986 |
| Total | 8.5000e-003 | 4.6500e-003 | 0.0601 | 2.3000e-004 | 0.0290 | 1.8000e-004 | 0.0292 | 7.7000e-003 | 1.7000e-004 | 7.8700e-003 | 0.0000 | 20.6890 | 20.6890 | 3.8000e-004 | 0.0000 | 20.6986 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0569 | 0.0000 | 1.0569 | 0.5809 | 0.0000 | 0.5809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3215 | 3.2804 | 2.3285 | 4.9500e-003 | | 0.1413 | 0.1413 | | 0.1300 | 0.1300 | 0.0000 | 435.0703 | 435.0703 | 0.1407 | 0.0000 | 438.5881 |
| Total | 0.3215 | 3.2804 | 2.3285 | 4.9500e-003 | 1.0569 | 0.1413 | 1.1982 | 0.5809 | 0.1300 | 0.7109 | 0.0000 | 435.0703 | 435.0703 | 0.1407 | 0.0000 | 438.5881 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.2 Site Preparation - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.5000e-003 | 4.6500e-003 | 0.0601 | 2.3000e-004 | 0.0290 | 1.8000e-004 | 0.0292 | 7.7000e-003 | 1.7000e-004 | 7.8700e-003 | 0.0000 | 20.6890 | 20.6890 | 3.8000e-004 | 0.0000 | 20.6986 |
| Total | 8.5000e-003 | 4.6500e-003 | 0.0601 | 2.3000e-004 | 0.0290 | 1.8000e-004 | 0.0292 | 7.7000e-003 | 1.7000e-004 | 7.8700e-003 | 0.0000 | 20.6890 | 20.6890 | 3.8000e-004 | 0.0000 | 20.6986 |

3.2 Site Preparation - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3577 | 0.0000 | 2.3577 | 1.2960 | 0.0000 | 1.2960 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 2.3577 | 0.1418 | 2.4995 | 1.2960 | 0.1305 | 1.4264 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.2 Site Preparation - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.8900e-003 | 4.2700e-003 | 0.0563 | 2.2000e-004 | 0.0291 | 1.7000e-004 | 0.0293 | 7.7300e-003 | 1.6000e-004 | 7.8900e-003 | 0.0000 | 20.1754 | 20.1754 | 3.5000e-004 | 0.0000 | 20.1842 |
| Total | 7.8900e-003 | 4.2700e-003 | 0.0563 | 2.2000e-004 | 0.0291 | 1.7000e-004 | 0.0293 | 7.7300e-003 | 1.6000e-004 | 7.8900e-003 | 0.0000 | 20.1754 | 20.1754 | 3.5000e-004 | 0.0000 | 20.1842 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0609 | 0.0000 | 1.0609 | 0.5832 | 0.0000 | 0.5832 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 1.0609 | 0.1418 | 1.2028 | 0.5832 | 0.1305 | 0.7137 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.2 Site Preparation - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.8900e-003 | 4.2700e-003 | 0.0563 | 2.2000e-004 | 0.0291 | 1.7000e-004 | 0.0293 | 7.7300e-003 | 1.6000e-004 | 7.8900e-003 | 0.0000 | 20.1754 | 20.1754 | 3.5000e-004 | 0.0000 | 20.1842 |
| Total | 7.8900e-003 | 4.2700e-003 | 0.0563 | 2.2000e-004 | 0.0291 | 1.7000e-004 | 0.0293 | 7.7300e-003 | 1.6000e-004 | 7.8900e-003 | 0.0000 | 20.1754 | 20.1754 | 3.5000e-004 | 0.0000 | 20.1842 |

3.2 Site Preparation - 2030

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3577 | 0.0000 | 2.3577 | 1.2960 | 0.0000 | 1.2960 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3184 | 1.7837 | 2.1261 | 6.0800e-003 | | 0.0570 | 0.0570 | | 0.0570 | 0.0570 | 0.0000 | 522.0602 | 522.0602 | 0.0258 | 0.0000 | 522.7042 |
| Total | 0.3184 | 1.7837 | 2.1261 | 6.0800e-003 | 2.3577 | 0.0570 | 2.4146 | 1.2960 | 0.0570 | 1.3529 | 0.0000 | 522.0602 | 522.0602 | 0.0258 | 0.0000 | 522.7042 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.2 Site Preparation - 2030

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.2400e-003 | 3.9000e-003 | 0.0527 | 2.2000e-004 | 0.0291 | 1.6000e-004 | 0.0293 | 7.7300e-003 | 1.4000e-004 | 7.8800e-003 | 0.0000 | 19.6515 | 19.6515 | 3.2000e-004 | 0.0000 | 19.6595 |
| Total | 7.2400e-003 | 3.9000e-003 | 0.0527 | 2.2000e-004 | 0.0291 | 1.6000e-004 | 0.0293 | 7.7300e-003 | 1.4000e-004 | 7.8800e-003 | 0.0000 | 19.6515 | 19.6515 | 3.2000e-004 | 0.0000 | 19.6595 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0609 | 0.0000 | 1.0609 | 0.5832 | 0.0000 | 0.5832 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3184 | 1.7837 | 2.1261 | 6.0800e-003 | | 0.0570 | 0.0570 | | 0.0570 | 0.0570 | 0.0000 | 522.0596 | 522.0596 | 0.0258 | 0.0000 | 522.7036 |
| Total | 0.3184 | 1.7837 | 2.1261 | 6.0800e-003 | 1.0609 | 0.0570 | 1.1179 | 0.5832 | 0.0570 | 0.6402 | 0.0000 | 522.0596 | 522.0596 | 0.0258 | 0.0000 | 522.7036 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.2 Site Preparation - 2030

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.2400e-003 | 3.9000e-003 | 0.0527 | 2.2000e-004 | 0.0291 | 1.6000e-004 | 0.0293 | 7.7300e-003 | 1.4000e-004 | 7.8800e-003 | 0.0000 | 19.6515 | 19.6515 | 3.2000e-004 | 0.0000 | 19.6595 |
| Total | 7.2400e-003 | 3.9000e-003 | 0.0527 | 2.2000e-004 | 0.0291 | 1.6000e-004 | 0.0293 | 7.7300e-003 | 1.4000e-004 | 7.8800e-003 | 0.0000 | 19.6515 | 19.6515 | 3.2000e-004 | 0.0000 | 19.6595 |

3.2 Site Preparation - 2031

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.0271 | 0.0000 | 0.0271 | 0.0149 | 0.0000 | 0.0149 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 3.6600e-003 | 0.0205 | 0.0244 | 7.0000e-005 | | 6.5000e-004 | 6.5000e-004 | | 6.5000e-004 | 6.5000e-004 | 0.0000 | 6.0007 | 6.0007 | 3.0000e-004 | 0.0000 | 6.0081 |
| Total | 3.6600e-003 | 0.0205 | 0.0244 | 7.0000e-005 | 0.0271 | 6.5000e-004 | 0.0278 | 0.0149 | 6.5000e-004 | 0.0156 | 0.0000 | 6.0007 | 6.0007 | 3.0000e-004 | 0.0000 | 6.0081 |

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3.2 Site Preparation - 2031

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0000e-005 | 4.0000e-005 | 5.7000e-004 | 0.0000 | 3.3000e-004 | 0.0000 | 3.4000e-004 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 0.0000 | 0.2206 | 0.2206 | 0.0000 | 0.0000 | 0.2207 |
| Total | 8.0000e-005 | 4.0000e-005 | 5.7000e-004 | 0.0000 | 3.3000e-004 | 0.0000 | 3.4000e-004 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 0.0000 | 0.2206 | 0.2206 | 0.0000 | 0.0000 | 0.2207 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.0122 | 0.0000 | 0.0122 | 6.7000e-003 | 0.0000 | 6.7000e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 3.6600e-003 | 0.0205 | 0.0244 | 7.0000e-005 | | 6.5000e-004 | 6.5000e-004 | | 6.5000e-004 | 6.5000e-004 | 0.0000 | 6.0007 | 6.0007 | 3.0000e-004 | 0.0000 | 6.0081 |
| Total | 3.6600e-003 | 0.0205 | 0.0244 | 7.0000e-005 | 0.0122 | 6.5000e-004 | 0.0128 | 6.7000e-003 | 6.5000e-004 | 7.3500e-003 | 0.0000 | 6.0007 | 6.0007 | 3.0000e-004 | 0.0000 | 6.0081 |

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3.2 Site Preparation - 2031

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0000e-005 | 4.0000e-005 | 5.7000e-004 | 0.0000 | 3.3000e-004 | 0.0000 | 3.4000e-004 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 0.0000 | 0.2206 | 0.2206 | 0.0000 | 0.0000 | 0.2207 |
| Total | 8.0000e-005 | 4.0000e-005 | 5.7000e-004 | 0.0000 | 3.3000e-004 | 0.0000 | 3.4000e-004 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 0.0000 | 0.2206 | 0.2206 | 0.0000 | 0.0000 | 0.2207 |

3.3 Grading - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3301 | 0.0000 | 21.3301 | 2.6489 | 0.0000 | 2.6489 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | | 0.2581 | 0.2581 | | 0.2375 | 0.2375 | 0.0000 | 708.4348 | 708.4348 | 0.2291 | 0.0000 | 714.1628 |
| Total | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | 21.3301 | 0.2581 | 21.5882 | 2.6489 | 0.2375 | 2.8864 | 0.0000 | 708.4348 | 708.4348 | 0.2291 | 0.0000 | 714.1628 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.3 Grading - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |
| Total | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5985 | 0.0000 | 9.5985 | 1.1920 | 0.0000 | 1.1920 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | | 0.2581 | 0.2581 | | 0.2375 | 0.2375 | 0.0000 | 708.4339 | 708.4339 | 0.2291 | 0.0000 | 714.1620 |
| Total | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | 9.5985 | 0.2581 | 9.8566 | 1.1920 | 0.2375 | 1.4295 | 0.0000 | 708.4339 | 708.4339 | 0.2291 | 0.0000 | 714.1620 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.3 Grading - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |
| Total | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |

3.3 Grading - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3301 | 0.0000 | 21.3301 | 2.6489 | 0.0000 | 2.6489 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4712 | 5.0497 | 3.7754 | 8.0700e-003 | | 0.2125 | 0.2125 | | 0.1955 | 0.1955 | 0.0000 | 708.9498 | 708.9498 | 0.2293 | 0.0000 | 714.6820 |
| Total | 0.4712 | 5.0497 | 3.7754 | 8.0700e-003 | 21.3301 | 0.2125 | 21.5426 | 2.6489 | 0.1955 | 2.8445 | 0.0000 | 708.9498 | 708.9498 | 0.2293 | 0.0000 | 714.6820 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.3 Grading - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0140 | 9.1500e-003 | 0.1024 | 3.0000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7700e-003 | 0.0000 | 27.4338 | 27.4338 | 7.2000e-004 | 0.0000 | 27.4519 |
| Total | 0.0140 | 9.1500e-003 | 0.1024 | 3.0000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7700e-003 | 0.0000 | 27.4338 | 27.4338 | 7.2000e-004 | 0.0000 | 27.4519 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5985 | 0.0000 | 9.5985 | 1.1920 | 0.0000 | 1.1920 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4712 | 5.0497 | 3.7754 | 8.0700e-003 | | 0.2125 | 0.2125 | | 0.1955 | 0.1955 | 0.0000 | 708.9490 | 708.9490 | 0.2293 | 0.0000 | 714.6812 |
| Total | 0.4712 | 5.0497 | 3.7754 | 8.0700e-003 | 9.5985 | 0.2125 | 9.8111 | 1.1920 | 0.1955 | 1.3876 | 0.0000 | 708.9490 | 708.9490 | 0.2293 | 0.0000 | 714.6812 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.3 Grading - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0140 | 9.1500e-003 | 0.1024 | 3.0000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7700e-003 | 0.0000 | 27.4338 | 27.4338 | 7.2000e-004 | 0.0000 | 27.4519 |
| Total | 0.0140 | 9.1500e-003 | 0.1024 | 3.0000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7700e-003 | 0.0000 | 27.4338 | 27.4338 | 7.2000e-004 | 0.0000 | 27.4519 |

3.3 Grading - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3301 | 0.0000 | 21.3301 | 2.6489 | 0.0000 | 2.6489 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4318 | 4.4870 | 3.6467 | 8.0700e-003 | | 0.1852 | 0.1852 | | 0.1704 | 0.1704 | 0.0000 | 708.9577 | 708.9577 | 0.2293 | 0.0000 | 714.6900 |
| Total | 0.4318 | 4.4870 | 3.6467 | 8.0700e-003 | 21.3301 | 0.1852 | 21.5153 | 2.6489 | 0.1704 | 2.8193 | 0.0000 | 708.9577 | 708.9577 | 0.2293 | 0.0000 | 714.6900 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.3 Grading - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0130 | 8.1900e-003 | 0.0936 | 2.9000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.1000e-004 | 8.7700e-003 | 0.0000 | 26.3965 | 26.3965 | 6.5000e-004 | 0.0000 | 26.4127 |
| Total | 0.0130 | 8.1900e-003 | 0.0936 | 2.9000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.1000e-004 | 8.7700e-003 | 0.0000 | 26.3965 | 26.3965 | 6.5000e-004 | 0.0000 | 26.4127 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5985 | 0.0000 | 9.5985 | 1.1920 | 0.0000 | 1.1920 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4318 | 4.4870 | 3.6467 | 8.0700e-003 | | 0.1852 | 0.1852 | | 0.1704 | 0.1704 | 0.0000 | 708.9569 | 708.9569 | 0.2293 | 0.0000 | 714.6891 |
| Total | 0.4318 | 4.4870 | 3.6467 | 8.0700e-003 | 9.5985 | 0.1852 | 9.7837 | 1.1920 | 0.1704 | 1.3624 | 0.0000 | 708.9569 | 708.9569 | 0.2293 | 0.0000 | 714.6891 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.3 Grading - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0130 | 8.1900e-003 | 0.0936 | 2.9000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.1000e-004 | 8.7700e-003 | 0.0000 | 26.3965 | 26.3965 | 6.5000e-004 | 0.0000 | 26.4127 |
| Total | 0.0130 | 8.1900e-003 | 0.0936 | 2.9000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.1000e-004 | 8.7700e-003 | 0.0000 | 26.3965 | 26.3965 | 6.5000e-004 | 0.0000 | 26.4127 |

3.3 Grading - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3361 | 0.0000 | 21.3361 | 2.6523 | 0.0000 | 2.6523 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4216 | 4.2414 | 3.6317 | 8.1300e-003 | | 0.1749 | 0.1749 | | 0.1609 | 0.1609 | 0.0000 | 714.2058 | 714.2058 | 0.2310 | 0.0000 | 719.9805 |
| Total | 0.4216 | 4.2414 | 3.6317 | 8.1300e-003 | 21.3361 | 0.1749 | 21.5110 | 2.6523 | 0.1609 | 2.8132 | 0.0000 | 714.2058 | 714.2058 | 0.2310 | 0.0000 | 719.9805 |

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3.3 Grading - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0123 | 7.4900e-003 | 0.0887 | 2.9000e-004 | 0.0325 | 2.3000e-004 | 0.0327 | 8.6300e-003 | 2.1000e-004 | 8.8400e-003 | 0.0000 | 26.0889 | 26.0889 | 6.1000e-004 | 0.0000 | 26.1040 |
| Total | 0.0123 | 7.4900e-003 | 0.0887 | 2.9000e-004 | 0.0325 | 2.3000e-004 | 0.0327 | 8.6300e-003 | 2.1000e-004 | 8.8400e-003 | 0.0000 | 26.0889 | 26.0889 | 6.1000e-004 | 0.0000 | 26.1040 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.6012 | 0.0000 | 9.6012 | 1.1935 | 0.0000 | 1.1935 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4216 | 4.2414 | 3.6317 | 8.1300e-003 | | 0.1749 | 0.1749 | | 0.1609 | 0.1609 | 0.0000 | 714.2049 | 714.2049 | 0.2310 | 0.0000 | 719.9796 |
| Total | 0.4216 | 4.2414 | 3.6317 | 8.1300e-003 | 9.6012 | 0.1749 | 9.7762 | 1.1935 | 0.1609 | 1.3545 | 0.0000 | 714.2049 | 714.2049 | 0.2310 | 0.0000 | 719.9796 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.3 Grading - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0123 | 7.4900e-003 | 0.0887 | 2.9000e-004 | 0.0325 | 2.3000e-004 | 0.0327 | 8.6300e-003 | 2.1000e-004 | 8.8400e-003 | 0.0000 | 26.0889 | 26.0889 | 6.1000e-004 | 0.0000 | 26.1040 |
| Total | 0.0123 | 7.4900e-003 | 0.0887 | 2.9000e-004 | 0.0325 | 2.3000e-004 | 0.0327 | 8.6300e-003 | 2.1000e-004 | 8.8400e-003 | 0.0000 | 26.0889 | 26.0889 | 6.1000e-004 | 0.0000 | 26.1040 |

3.3 Grading - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3331 | 0.0000 | 21.3331 | 2.6506 | 0.0000 | 2.6506 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |
| Total | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | 21.3331 | 0.1476 | 21.4807 | 2.6506 | 0.1358 | 2.7864 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |

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3.3 Grading - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0115 | 6.7500e-003 | 0.0814 | 2.8000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.9465 | 24.9465 | 5.4000e-004 | 0.0000 | 24.9601 |
| Total | 0.0115 | 6.7500e-003 | 0.0814 | 2.8000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.9465 | 24.9465 | 5.4000e-004 | 0.0000 | 24.9601 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5999 | 0.0000 | 9.5999 | 1.1928 | 0.0000 | 1.1928 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |
| Total | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | 9.5999 | 0.1476 | 9.7475 | 1.1928 | 0.1358 | 1.3285 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.3 Grading - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0115 | 6.7500e-003 | 0.0814 | 2.8000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.9465 | 24.9465 | 5.4000e-004 | 0.0000 | 24.9601 |
| Total | 0.0115 | 6.7500e-003 | 0.0814 | 2.8000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.9465 | 24.9465 | 5.4000e-004 | 0.0000 | 24.9601 |

3.3 Grading - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3331 | 0.0000 | 21.3331 | 2.6506 | 0.0000 | 2.6506 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |
| Total | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | 21.3331 | 0.1476 | 21.4807 | 2.6506 | 0.1358 | 2.7864 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.3 Grading - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0108 | 6.2200e-003 | 0.0771 | 2.7000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.6665 | 24.6665 | 5.2000e-004 | 0.0000 | 24.6794 |
| Total | 0.0108 | 6.2200e-003 | 0.0771 | 2.7000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.6665 | 24.6665 | 5.2000e-004 | 0.0000 | 24.6794 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5999 | 0.0000 | 9.5999 | 1.1928 | 0.0000 | 1.1928 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |
| Total | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | 9.5999 | 0.1476 | 9.7475 | 1.1928 | 0.1358 | 1.3285 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.3 Grading - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0108 | 6.2200e-003 | 0.0771 | 2.7000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.6665 | 24.6665 | 5.2000e-004 | 0.0000 | 24.6794 |
| Total | 0.0108 | 6.2200e-003 | 0.0771 | 2.7000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.6665 | 24.6665 | 5.2000e-004 | 0.0000 | 24.6794 |

3.3 Grading - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3331 | 0.0000 | 21.3331 | 2.6506 | 0.0000 | 2.6506 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |
| Total | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | 21.3331 | 0.1476 | 21.4807 | 2.6506 | 0.1358 | 2.7864 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |

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3.3 Grading - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0102 | 5.6700e-003 | 0.0718 | 2.6000e-004 | 0.0323 | 2.2000e-004 | 0.0325 | 8.5900e-003 | 2.0000e-004 | 8.7900e-003 | 0.0000 | 23.8226 | 23.8226 | 4.7000e-004 | 0.0000 | 23.8344 |
| Total | 0.0102 | 5.6700e-003 | 0.0718 | 2.6000e-004 | 0.0323 | 2.2000e-004 | 0.0325 | 8.5900e-003 | 2.0000e-004 | 8.7900e-003 | 0.0000 | 23.8226 | 23.8226 | 4.7000e-004 | 0.0000 | 23.8344 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5999 | 0.0000 | 9.5999 | 1.1928 | 0.0000 | 1.1928 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |
| Total | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | 9.5999 | 0.1476 | 9.7475 | 1.1928 | 0.1358 | 1.3285 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.3 Grading - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0102 | 5.6700e-003 | 0.0718 | 2.6000e-004 | 0.0323 | 2.2000e-004 | 0.0325 | 8.5900e-003 | 2.0000e-004 | 8.7900e-003 | 0.0000 | 23.8226 | 23.8226 | 4.7000e-004 | 0.0000 | 23.8344 |
| Total | 0.0102 | 5.6700e-003 | 0.0718 | 2.6000e-004 | 0.0323 | 2.2000e-004 | 0.0325 | 8.5900e-003 | 2.0000e-004 | 8.7900e-003 | 0.0000 | 23.8226 | 23.8226 | 4.7000e-004 | 0.0000 | 23.8344 |

3.3 Grading - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3301 | 0.0000 | 21.3301 | 2.6489 | 0.0000 | 2.6489 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3772 | 3.6326 | 3.4230 | 8.0700e-003 | | 0.1470 | 0.1470 | | 0.1353 | 0.1353 | 0.0000 | 708.5808 | 708.5808 | 0.2292 | 0.0000 | 714.3100 |
| Total | 0.3772 | 3.6326 | 3.4230 | 8.0700e-003 | 21.3301 | 0.1470 | 21.4771 | 2.6489 | 0.1353 | 2.7842 | 0.0000 | 708.5808 | 708.5808 | 0.2292 | 0.0000 | 714.3100 |

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3.3 Grading - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.4400e-003 | 5.1600e-003 | 0.0667 | 2.5000e-004 | 0.0322 | 2.0000e-004 | 0.0324 | 8.5600e-003 | 1.8000e-004 | 8.7400e-003 | 0.0000 | 22.9878 | 22.9878 | 4.3000e-004 | 0.0000 | 22.9985 |
| Total | 9.4400e-003 | 5.1600e-003 | 0.0667 | 2.5000e-004 | 0.0322 | 2.0000e-004 | 0.0324 | 8.5600e-003 | 1.8000e-004 | 8.7400e-003 | 0.0000 | 22.9878 | 22.9878 | 4.3000e-004 | 0.0000 | 22.9985 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5985 | 0.0000 | 9.5985 | 1.1920 | 0.0000 | 1.1920 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3772 | 3.6326 | 3.4230 | 8.0700e-003 | | 0.1470 | 0.1470 | | 0.1353 | 0.1353 | 0.0000 | 708.5799 | 708.5799 | 0.2292 | 0.0000 | 714.3092 |
| Total | 0.3772 | 3.6326 | 3.4230 | 8.0700e-003 | 9.5985 | 0.1470 | 9.7456 | 1.1920 | 0.1353 | 1.3273 | 0.0000 | 708.5799 | 708.5799 | 0.2292 | 0.0000 | 714.3092 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.3 Grading - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.4400e-003 | 5.1600e-003 | 0.0667 | 2.5000e-004 | 0.0322 | 2.0000e-004 | 0.0324 | 8.5600e-003 | 1.8000e-004 | 8.7400e-003 | 0.0000 | 22.9878 | 22.9878 | 4.3000e-004 | 0.0000 | 22.9985 |
| Total | 9.4400e-003 | 5.1600e-003 | 0.0667 | 2.5000e-004 | 0.0322 | 2.0000e-004 | 0.0324 | 8.5600e-003 | 1.8000e-004 | 8.7400e-003 | 0.0000 | 22.9878 | 22.9878 | 4.3000e-004 | 0.0000 | 22.9985 |

3.3 Grading - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3331 | 0.0000 | 21.3331 | 2.6506 | 0.0000 | 2.6506 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |
| Total | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | 21.3331 | 0.1476 | 21.4807 | 2.6506 | 0.1358 | 2.7864 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |

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Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.7700e-003 | 4.7400e-003 | 0.0626 | 2.5000e-004 | 0.0323 | 1.9000e-004 | 0.0325 | 8.5900e-003 | 1.7000e-004 | 8.7600e-003 | 0.0000 | 22.4171 | 22.4171 | 3.9000e-004 | 0.0000 | 22.4269 |
| Total | 8.7700e-003 | 4.7400e-003 | 0.0626 | 2.5000e-004 | 0.0323 | 1.9000e-004 | 0.0325 | 8.5900e-003 | 1.7000e-004 | 8.7600e-003 | 0.0000 | 22.4171 | 22.4171 | 3.9000e-004 | 0.0000 | 22.4269 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5999 | 0.0000 | 9.5999 | 1.1928 | 0.0000 | 1.1928 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |
| Total | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | 9.5999 | 0.1476 | 9.7475 | 1.1928 | 0.1358 | 1.3285 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |

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3.3 Grading - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.7700e-003 | 4.7400e-003 | 0.0626 | 2.5000e-004 | 0.0323 | 1.9000e-004 | 0.0325 | 8.5900e-003 | 1.7000e-004 | 8.7600e-003 | 0.0000 | 22.4171 | 22.4171 | 3.9000e-004 | 0.0000 | 22.4269 |
| Total | 8.7700e-003 | 4.7400e-003 | 0.0626 | 2.5000e-004 | 0.0323 | 1.9000e-004 | 0.0325 | 8.5900e-003 | 1.7000e-004 | 8.7600e-003 | 0.0000 | 22.4171 | 22.4171 | 3.9000e-004 | 0.0000 | 22.4269 |

3.3 Grading - 2030

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3331 | 0.0000 | 21.3331 | 2.6506 | 0.0000 | 2.6506 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4281 | 1.8069 | 3.0046 | 9.1300e-003 | | 0.0637 | 0.0637 | | 0.0637 | 0.0637 | 0.0000 | 853.9427 | 853.9427 | 0.0345 | 0.0000 | 854.8055 |
| Total | 0.4281 | 1.8069 | 3.0046 | 9.1300e-003 | 21.3331 | 0.0637 | 21.3968 | 2.6506 | 0.0637 | 2.7143 | 0.0000 | 853.9427 | 853.9427 | 0.0345 | 0.0000 | 854.8055 |

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3.3 Grading - 2030

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0400e-003 | 4.3300e-003 | 0.0585 | 2.4000e-004 | 0.0323 | 1.7000e-004 | 0.0325 | 8.5900e-003 | 1.6000e-004 | 8.7500e-003 | 0.0000 | 21.8350 | 21.8350 | 3.6000e-004 | 0.0000 | 21.8439 |
| Total | 8.0400e-003 | 4.3300e-003 | 0.0585 | 2.4000e-004 | 0.0323 | 1.7000e-004 | 0.0325 | 8.5900e-003 | 1.6000e-004 | 8.7500e-003 | 0.0000 | 21.8350 | 21.8350 | 3.6000e-004 | 0.0000 | 21.8439 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5999 | 0.0000 | 9.5999 | 1.1928 | 0.0000 | 1.1928 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4281 | 1.8069 | 3.0046 | 9.1300e-003 | | 0.0637 | 0.0637 | | 0.0637 | 0.0637 | 0.0000 | 853.9417 | 853.9417 | 0.0345 | 0.0000 | 854.8044 |
| Total | 0.4281 | 1.8069 | 3.0046 | 9.1300e-003 | 9.5999 | 0.0637 | 9.6636 | 1.1928 | 0.0637 | 1.2565 | 0.0000 | 853.9417 | 853.9417 | 0.0345 | 0.0000 | 854.8044 |

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3.3 Grading - 2030

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0400e-003 | 4.3300e-003 | 0.0585 | 2.4000e-004 | 0.0323 | 1.7000e-004 | 0.0325 | 8.5900e-003 | 1.6000e-004 | 8.7500e-003 | 0.0000 | 21.8350 | 21.8350 | 3.6000e-004 | 0.0000 | 21.8439 |
| Total | 8.0400e-003 | 4.3300e-003 | 0.0585 | 2.4000e-004 | 0.0323 | 1.7000e-004 | 0.0325 | 8.5900e-003 | 1.6000e-004 | 8.7500e-003 | 0.0000 | 21.8350 | 21.8350 | 3.6000e-004 | 0.0000 | 21.8439 |

3.3 Grading - 2031

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|---------------|--------------------|----------------|--------------------|----------------|----------------|--------------------|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 20.5562 | 0.0000 | 20.5562 | 2.2236 | 0.0000 | 2.2236 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 4.9200e-003 | 0.0208 | 0.0345 | 1.0000e-004 | | 7.3000e-004 | 7.3000e-004 | | 7.3000e-004 | 7.3000e-004 | 0.0000 | 9.8154 | 9.8154 | 4.0000e-004 | 0.0000 | 9.8254 |
| Total | 4.9200e-003 | 0.0208 | 0.0345 | 1.0000e-004 | 20.5562 | 7.3000e-004 | 20.5570 | 2.2236 | 7.3000e-004 | 2.2243 | 0.0000 | 9.8154 | 9.8154 | 4.0000e-004 | 0.0000 | 9.8254 |

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3.3 Grading - 2031

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0000e-005 | 5.0000e-005 | 6.3000e-004 | 0.0000 | 3.7000e-004 | 0.0000 | 3.7000e-004 | 1.0000e-004 | 0.0000 | 1.0000e-004 | 0.0000 | 0.2451 | 0.2451 | 0.0000 | 0.0000 | 0.2452 |
| Total | 8.0000e-005 | 5.0000e-005 | 6.3000e-004 | 0.0000 | 3.7000e-004 | 0.0000 | 3.7000e-004 | 1.0000e-004 | 0.0000 | 1.0000e-004 | 0.0000 | 0.2451 | 0.2451 | 0.0000 | 0.0000 | 0.2452 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.2503 | 0.0000 | 9.2503 | 1.0006 | 0.0000 | 1.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 4.9200e-003 | 0.0208 | 0.0345 | 1.0000e-004 | | 7.3000e-004 | 7.3000e-004 | | 7.3000e-004 | 7.3000e-004 | 0.0000 | 9.8154 | 9.8154 | 4.0000e-004 | 0.0000 | 9.8253 |
| Total | 4.9200e-003 | 0.0208 | 0.0345 | 1.0000e-004 | 9.2503 | 7.3000e-004 | 9.2510 | 1.0006 | 7.3000e-004 | 1.0013 | 0.0000 | 9.8154 | 9.8154 | 4.0000e-004 | 0.0000 | 9.8253 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.3 Grading - 2031

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0000e-005 | 5.0000e-005 | 6.3000e-004 | 0.0000 | 3.7000e-004 | 0.0000 | 3.7000e-004 | 1.0000e-004 | 0.0000 | 1.0000e-004 | 0.0000 | 0.2451 | 0.2451 | 0.0000 | 0.0000 | 0.2452 |
| Total | 8.0000e-005 | 5.0000e-005 | 6.3000e-004 | 0.0000 | 3.7000e-004 | 0.0000 | 3.7000e-004 | 1.0000e-004 | 0.0000 | 1.0000e-004 | 0.0000 | 0.2451 | 0.2451 | 0.0000 | 0.0000 | 0.2452 |

3.4 Building Construction - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2471 | 2.2662 | 2.1548 | 3.5000e-003 | | 0.1246 | 0.1246 | | 0.1172 | 0.1172 | 0.0000 | 301.1285 | 301.1285 | 0.0727 | 0.0000 | 302.9447 |
| Total | 0.2471 | 2.2662 | 2.1548 | 3.5000e-003 | | 0.1246 | 0.1246 | | 0.1172 | 0.1172 | 0.0000 | 301.1285 | 301.1285 | 0.0727 | 0.0000 | 302.9447 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.8018 | 24.3607 | 5.7361 | 0.0613 | 1.3962 | 0.0707 | 1.4669 | 0.4036 | 0.0676 | 0.4713 | 0.0000 | 5,817.0306 | 5,817.0306 | 0.4988 | 0.0000 | 5,829.4999 |
| Worker | 4.5029 | 3.0445 | 33.3088 | 0.0937 | 9.5734 | 0.0718 | 9.6453 | 2.5447 | 0.0662 | 2.6109 | 0.0000 | 8,462.1659 | 8,462.1659 | 0.2410 | 0.0000 | 8,468.1913 |
| Total | 5.3047 | 27.4051 | 39.0448 | 0.1550 | 10.9696 | 0.1425 | 11.1121 | 2.9483 | 0.1338 | 3.0821 | 0.0000 | 14,279.1965 | 14,279.1965 | 0.7398 | 0.0000 | 14,297.6912 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2471 | 2.2662 | 2.1548 | 3.5000e-003 | | 0.1246 | 0.1246 | | 0.1172 | 0.1172 | 0.0000 | 301.1281 | 301.1281 | 0.0727 | 0.0000 | 302.9443 |
| Total | 0.2471 | 2.2662 | 2.1548 | 3.5000e-003 | | 0.1246 | 0.1246 | | 0.1172 | 0.1172 | 0.0000 | 301.1281 | 301.1281 | 0.0727 | 0.0000 | 302.9443 |

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3.4 Building Construction - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.8018 | 24.3607 | 5.7361 | 0.0613 | 1.3962 | 0.0707 | 1.4669 | 0.4036 | 0.0676 | 0.4713 | 0.0000 | 5,817.0306 | 5,817.0306 | 0.4988 | 0.0000 | 5,829.4999 |
| Worker | 4.5029 | 3.0445 | 33.3088 | 0.0937 | 9.5734 | 0.0718 | 9.6453 | 2.5447 | 0.0662 | 2.6109 | 0.0000 | 8,462.1659 | 8,462.1659 | 0.2410 | 0.0000 | 8,468.1913 |
| Total | 5.3047 | 27.4051 | 39.0448 | 0.1550 | 10.9696 | 0.1425 | 11.1121 | 2.9483 | 0.1338 | 3.0821 | 0.0000 | 14,279.1965 | 14,279.1965 | 0.7398 | 0.0000 | 14,297.6912 |

3.4 Building Construction - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2428 | 301.2428 | 0.0722 | 0.0000 | 303.0471 |
| Total | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2428 | 301.2428 | 0.0722 | 0.0000 | 303.0471 |

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3.4 Building Construction - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.7366 | 23.0959 | 5.1627 | 0.0608 | 1.3962 | 0.0613 | 1.4575 | 0.4036 | 0.0587 | 0.4623 | 0.0000 | 5,763.8186 | 5,763.8186 | 0.4896 | 0.0000 | 5,776.0585 |
| Worker | 4.1697 | 2.7207 | 30.4345 | 0.0902 | 9.5734 | 0.0695 | 9.6430 | 2.5447 | 0.0640 | 2.6087 | 0.0000 | 8,156.0534 | 8,156.0534 | 0.2152 | 0.0000 | 8,161.4345 |
| Total | 4.9063 | 25.8166 | 35.5972 | 0.1510 | 10.9696 | 0.1309 | 11.1005 | 2.9483 | 0.1227 | 3.0710 | 0.0000 | 13,919.8720 | 13,919.8720 | 0.7048 | 0.0000 | 13,937.4930 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2425 | 301.2425 | 0.0722 | 0.0000 | 303.0467 |
| Total | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2425 | 301.2425 | 0.0722 | 0.0000 | 303.0467 |

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3.4 Building Construction - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.7366 | 23.0959 | 5.1627 | 0.0608 | 1.3962 | 0.0613 | 1.4575 | 0.4036 | 0.0587 | 0.4623 | 0.0000 | 5,763.8186 | 5,763.8186 | 0.4896 | 0.0000 | 5,776.0585 |
| Worker | 4.1697 | 2.7207 | 30.4345 | 0.0902 | 9.5734 | 0.0695 | 9.6430 | 2.5447 | 0.0640 | 2.6087 | 0.0000 | 8,156.0534 | 8,156.0534 | 0.2152 | 0.0000 | 8,161.4345 |
| Total | 4.9063 | 25.8166 | 35.5972 | 0.1510 | 10.9696 | 0.1309 | 11.1005 | 2.9483 | 0.1227 | 3.0710 | 0.0000 | 13,919.8720 | 13,919.8720 | 0.7048 | 0.0000 | 13,937.4930 |

3.4 Building Construction - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3462 | 301.3462 | 0.0717 | 0.0000 | 303.1383 |
| Total | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3462 | 301.3462 | 0.0717 | 0.0000 | 303.1383 |

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3.4 Building Construction - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.5174 | 17.8604 | 4.2576 | 0.0593 | 1.3962 | 0.0170 | 1.4132 | 0.4036 | 0.0162 | 0.4198 | 0.0000 | 5,626.3848 | 5,626.3848 | 0.3475 | 0.0000 | 5,635.0719 |
| Worker | 3.8697 | 2.4354 | 27.8257 | 0.0868 | 9.5734 | 0.0675 | 9.6410 | 2.5447 | 0.0622 | 2.6069 | 0.0000 | 7,847.6857 | 7,847.6857 | 0.1921 | 0.0000 | 7,852.4872 |
| Total | 4.3871 | 20.2958 | 32.0833 | 0.1461 | 10.9696 | 0.0845 | 11.0541 | 2.9483 | 0.0784 | 3.0267 | 0.0000 | 13,474.0706 | 13,474.0706 | 0.5395 | 0.0000 | 13,487.5592 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3458 | 301.3458 | 0.0717 | 0.0000 | 303.1380 |
| Total | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3458 | 301.3458 | 0.0717 | 0.0000 | 303.1380 |

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3.4 Building Construction - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.5174 | 17.8604 | 4.2576 | 0.0593 | 1.3962 | 0.0170 | 1.4132 | 0.4036 | 0.0162 | 0.4198 | 0.0000 | 5,626.3848 | 5,626.3848 | 0.3475 | 0.0000 | 5,635.0719 |
| Worker | 3.8697 | 2.4354 | 27.8257 | 0.0868 | 9.5734 | 0.0675 | 9.6410 | 2.5447 | 0.0622 | 2.6069 | 0.0000 | 7,847.6857 | 7,847.6857 | 0.1921 | 0.0000 | 7,852.4872 |
| Total | 4.3871 | 20.2958 | 32.0833 | 0.1461 | 10.9696 | 0.0845 | 11.0541 | 2.9483 | 0.0784 | 3.0267 | 0.0000 | 13,474.0706 | 13,474.0706 | 0.5395 | 0.0000 | 13,487.5592 |

3.4 Building Construction - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7223 | 303.7223 | 0.0718 | 0.0000 | 305.5179 |
| Total | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7223 | 303.7223 | 0.0718 | 0.0000 | 305.5179 |

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3.4 Building Construction - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4961 | 17.8515 | 3.9057 | 0.0593 | 1.4069 | 0.0169 | 1.4238 | 0.4067 | 0.0161 | 0.4229 | 0.0000 | 5,625.4360 | 5,625.4360 | 0.3628 | 0.0000 | 5,634.5057 |
| Worker | 3.6532 | 2.2276 | 26.3610 | 0.0858 | 9.6471 | 0.0689 | 9.7160 | 2.5643 | 0.0635 | 2.6277 | 0.0000 | 7,756.2175 | 7,756.2175 | 0.1804 | 0.0000 | 7,760.7270 |
| Total | 4.1492 | 20.0791 | 30.2667 | 0.1451 | 11.0540 | 0.0858 | 11.1398 | 2.9710 | 0.0796 | 3.0506 | 0.0000 | 13,381.6535 | 13,381.6535 | 0.5432 | 0.0000 | 13,395.2327 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7220 | 303.7220 | 0.0718 | 0.0000 | 305.5175 |
| Total | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7220 | 303.7220 | 0.0718 | 0.0000 | 305.5175 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.4 Building Construction - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4961 | 17.8515 | 3.9057 | 0.0593 | 1.4069 | 0.0169 | 1.4238 | 0.4067 | 0.0161 | 0.4229 | 0.0000 | 5,625.4360 | 5,625.4360 | 0.3628 | 0.0000 | 5,634.5057 |
| Worker | 3.6532 | 2.2276 | 26.3610 | 0.0858 | 9.6471 | 0.0689 | 9.7160 | 2.5643 | 0.0635 | 2.6277 | 0.0000 | 7,756.2175 | 7,756.2175 | 0.1804 | 0.0000 | 7,760.7270 |
| Total | 4.1492 | 20.0791 | 30.2667 | 0.1451 | 11.0540 | 0.0858 | 11.1398 | 2.9710 | 0.0796 | 3.0506 | 0.0000 | 13,381.6535 | 13,381.6535 | 0.5432 | 0.0000 | 13,395.2327 |

3.4 Building Construction - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

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3.4 Building Construction - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4728 | 17.6333 | 3.5662 | 0.0586 | 1.4016 | 0.0165 | 1.4181 | 0.4052 | 0.0158 | 0.4210 | 0.0000 | 5,563.8524 | 5,563.8524 | 0.3785 | 0.0000 | 5,573.3150 |
| Worker | 3.4063 | 2.0054 | 24.2016 | 0.0820 | 9.6103 | 0.0672 | 9.6774 | 2.5545 | 0.0618 | 2.6163 | 0.0000 | 7,416.6038 | 7,416.6038 | 0.1619 | 0.0000 | 7,420.6501 |
| Total | 3.8792 | 19.6387 | 27.7678 | 0.1406 | 11.0118 | 0.0837 | 11.0955 | 2.9597 | 0.0776 | 3.0373 | 0.0000 | 12,980.4561 | 12,980.4561 | 0.5404 | 0.0000 | 12,993.9652 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |
| Total | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.4 Building Construction - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4728 | 17.6333 | 3.5662 | 0.0586 | 1.4016 | 0.0165 | 1.4181 | 0.4052 | 0.0158 | 0.4210 | 0.0000 | 5,563.8524 | 5,563.8524 | 0.3785 | 0.0000 | 5,573.3150 |
| Worker | 3.4063 | 2.0054 | 24.2016 | 0.0820 | 9.6103 | 0.0672 | 9.6774 | 2.5545 | 0.0618 | 2.6163 | 0.0000 | 7,416.6038 | 7,416.6038 | 0.1619 | 0.0000 | 7,420.6501 |
| Total | 3.8792 | 19.6387 | 27.7678 | 0.1406 | 11.0118 | 0.0837 | 11.0955 | 2.9597 | 0.0776 | 3.0373 | 0.0000 | 12,980.4561 | 12,980.4561 | 0.5404 | 0.0000 | 12,993.9652 |

3.4 Building Construction - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

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3.4 Building Construction - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4588 | 17.4728 | 3.3883 | 0.0583 | 1.4016 | 0.0163 | 1.4179 | 0.4052 | 0.0156 | 0.4208 | 0.0000 | 5,526.6608 | 5,526.6608 | 0.3820 | 0.0000 | 5,536.2117 |
| Worker | 3.2236 | 1.8489 | 22.9265 | 0.0811 | 9.6103 | 0.0682 | 9.6784 | 2.5545 | 0.0627 | 2.6172 | 0.0000 | 7,333.3525 | 7,333.3525 | 0.1536 | 0.0000 | 7,337.1935 |
| Total | 3.6824 | 19.3217 | 26.3147 | 0.1393 | 11.0118 | 0.0845 | 11.0963 | 2.9597 | 0.0783 | 3.0380 | 0.0000 | 12,860.0133 | 12,860.0133 | 0.5357 | 0.0000 | 12,873.4051 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |
| Total | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |

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3.4 Building Construction - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4588 | 17.4728 | 3.3883 | 0.0583 | 1.4016 | 0.0163 | 1.4179 | 0.4052 | 0.0156 | 0.4208 | 0.0000 | 5,526.6608 | 5,526.6608 | 0.3820 | 0.0000 | 5,536.2117 |
| Worker | 3.2236 | 1.8489 | 22.9265 | 0.0811 | 9.6103 | 0.0682 | 9.6784 | 2.5545 | 0.0627 | 2.6172 | 0.0000 | 7,333.3525 | 7,333.3525 | 0.1536 | 0.0000 | 7,337.1935 |
| Total | 3.6824 | 19.3217 | 26.3147 | 0.1393 | 11.0118 | 0.0845 | 11.0963 | 2.9597 | 0.0783 | 3.0380 | 0.0000 | 12,860.0133 | 12,860.0133 | 0.5357 | 0.0000 | 12,873.4051 |

3.4 Building Construction - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

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3.4 Building Construction - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4471 | 17.3153 | 3.2416 | 0.0579 | 1.4016 | 0.0161 | 1.4177 | 0.4052 | 0.0154 | 0.4206 | 0.0000 | 5,494.4829 | 5,494.4829 | 0.3811 | 0.0000 | 5,504.0093 |
| Worker | 3.0279 | 1.6869 | 21.3304 | 0.0783 | 9.6103 | 0.0646 | 9.6749 | 2.5545 | 0.0594 | 2.6139 | 0.0000 | 7,082.4678 | 7,082.4678 | 0.1395 | 0.0000 | 7,085.9562 |
| Total | 3.4750 | 19.0022 | 24.5720 | 0.1362 | 11.0118 | 0.0807 | 11.0925 | 2.9597 | 0.0748 | 3.0345 | 0.0000 | 12,576.9507 | 12,576.9507 | 0.5206 | 0.0000 | 12,589.9655 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |
| Total | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |

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3.4 Building Construction - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4471 | 17.3153 | 3.2416 | 0.0579 | 1.4016 | 0.0161 | 1.4177 | 0.4052 | 0.0154 | 0.4206 | 0.0000 | 5,494.4829 | 5,494.4829 | 0.3811 | 0.0000 | 5,504.0093 |
| Worker | 3.0279 | 1.6869 | 21.3304 | 0.0783 | 9.6103 | 0.0646 | 9.6749 | 2.5545 | 0.0594 | 2.6139 | 0.0000 | 7,082.4678 | 7,082.4678 | 0.1395 | 0.0000 | 7,085.9562 |
| Total | 3.4750 | 19.0022 | 24.5720 | 0.1362 | 11.0118 | 0.0807 | 11.0925 | 2.9597 | 0.0748 | 3.0345 | 0.0000 | 12,576.9507 | 12,576.9507 | 0.5206 | 0.0000 | 12,589.9655 |

3.4 Building Construction - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4953 | 301.4953 | 0.0709 | 0.0000 | 303.2671 |
| Total | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4953 | 301.4953 | 0.0709 | 0.0000 | 303.2671 |

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3.4 Building Construction - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4353 | 17.1291 | 3.1073 | 0.0574 | 1.3962 | 0.0159 | 1.4121 | 0.4036 | 0.0152 | 0.4188 | 0.0000 | 5,447.9874 | 5,447.9874 | 0.3780 | 0.0000 | 5,457.4369 |
| Worker | 2.8069 | 1.5355 | 19.8371 | 0.0755 | 9.5734 | 0.0598 | 9.6332 | 2.5447 | 0.0550 | 2.5997 | 0.0000 | 6,834.2768 | 6,834.2768 | 0.1268 | 0.0000 | 6,837.4464 |
| Total | 3.2423 | 18.6647 | 22.9444 | 0.1329 | 10.9696 | 0.0757 | 11.0453 | 2.9483 | 0.0702 | 3.0185 | 0.0000 | 12,282.2642 | 12,282.2642 | 0.5048 | 0.0000 | 12,294.8833 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4949 | 301.4949 | 0.0709 | 0.0000 | 303.2667 |
| Total | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4949 | 301.4949 | 0.0709 | 0.0000 | 303.2667 |

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3.4 Building Construction - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4353 | 17.1291 | 3.1073 | 0.0574 | 1.3962 | 0.0159 | 1.4121 | 0.4036 | 0.0152 | 0.4188 | 0.0000 | 5,447.9874 | 5,447.9874 | 0.3780 | 0.0000 | 5,457.4369 |
| Worker | 2.8069 | 1.5355 | 19.8371 | 0.0755 | 9.5734 | 0.0598 | 9.6332 | 2.5447 | 0.0550 | 2.5997 | 0.0000 | 6,834.2768 | 6,834.2768 | 0.1268 | 0.0000 | 6,837.4464 |
| Total | 3.2423 | 18.6647 | 22.9444 | 0.1329 | 10.9696 | 0.0757 | 11.0453 | 2.9483 | 0.0702 | 3.0185 | 0.0000 | 12,282.2642 | 12,282.2642 | 0.5048 | 0.0000 | 12,294.8833 |

3.4 Building Construction - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

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3.4 Building Construction - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4277 | 17.0749 | 3.0074 | 0.0574 | 1.4016 | 0.0158 | 1.4173 | 0.4052 | 0.0151 | 0.4203 | 0.0000 | 5,446.4456 | 5,446.4456 | 0.3757 | 0.0000 | 5,455.8369 |
| Worker | 2.6065 | 1.4101 | 18.6017 | 0.0736 | 9.6103 | 0.0558 | 9.6660 | 2.5545 | 0.0513 | 2.6058 | 0.0000 | 6,664.6119 | 6,664.6119 | 0.1160 | 0.0000 | 6,667.5112 |
| Total | 3.0341 | 18.4849 | 21.6091 | 0.1310 | 11.0118 | 0.0715 | 11.0834 | 2.9597 | 0.0664 | 3.0261 | 0.0000 | 12,111.0575 | 12,111.0575 | 0.4916 | 0.0000 | 12,123.3481 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |
| Total | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |

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3.4 Building Construction - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4277 | 17.0749 | 3.0074 | 0.0574 | 1.4016 | 0.0158 | 1.4173 | 0.4052 | 0.0151 | 0.4203 | 0.0000 | 5,446.4456 | 5,446.4456 | 0.3757 | 0.0000 | 5,455.8369 |
| Worker | 2.6065 | 1.4101 | 18.6017 | 0.0736 | 9.6103 | 0.0558 | 9.6660 | 2.5545 | 0.0513 | 2.6058 | 0.0000 | 6,664.6119 | 6,664.6119 | 0.1160 | 0.0000 | 6,667.5112 |
| Total | 3.0341 | 18.4849 | 21.6091 | 0.1310 | 11.0118 | 0.0715 | 11.0834 | 2.9597 | 0.0664 | 3.0261 | 0.0000 | 12,111.0575 | 12,111.0575 | 0.4916 | 0.0000 | 12,123.3481 |

3.4 Building Construction - 2030

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1708 | 1.0355 | 2.1085 | 4.0400e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 343.0336 | 343.0336 | 0.0138 | 0.0000 | 343.3777 |
| Total | 0.1708 | 1.0355 | 2.1085 | 4.0400e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 343.0336 | 343.0336 | 0.0138 | 0.0000 | 343.3777 |

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3.4 Building Construction - 2030

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4208 | 16.9694 | 2.9271 | 0.0572 | 1.4016 | 0.0156 | 1.4172 | 0.4052 | 0.0149 | 0.4201 | 0.0000 | 5,429.1827 | 5,429.1827 | 0.3723 | 0.0000 | 5,438.4906 |
| Worker | 2.3906 | 1.2882 | 17.3965 | 0.0717 | 9.6103 | 0.0519 | 9.6621 | 2.5545 | 0.0477 | 2.6022 | 0.0000 | 6,491.5548 | 6,491.5548 | 0.1057 | 0.0000 | 6,494.1970 |
| Total | 2.8114 | 18.2576 | 20.3236 | 0.1289 | 11.0118 | 0.0674 | 11.0793 | 2.9597 | 0.0626 | 3.0223 | 0.0000 | 11,920.7374 | 11,920.7374 | 0.4780 | 0.0000 | 11,932.6876 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1708 | 1.0355 | 2.1085 | 4.0400e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 343.0332 | 343.0332 | 0.0138 | 0.0000 | 343.3773 |
| Total | 0.1708 | 1.0355 | 2.1085 | 4.0400e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 343.0332 | 343.0332 | 0.0138 | 0.0000 | 343.3773 |

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3.4 Building Construction - 2030

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4208 | 16.9694 | 2.9271 | 0.0572 | 1.4016 | 0.0156 | 1.4172 | 0.4052 | 0.0149 | 0.4201 | 0.0000 | 5,429.1827 | 5,429.1827 | 0.3723 | 0.0000 | 5,438.4906 |
| Worker | 2.3906 | 1.2882 | 17.3965 | 0.0717 | 9.6103 | 0.0519 | 9.6621 | 2.5545 | 0.0477 | 2.6022 | 0.0000 | 6,491.5548 | 6,491.5548 | 0.1057 | 0.0000 | 6,494.1970 |
| Total | 2.8114 | 18.2576 | 20.3236 | 0.1289 | 11.0118 | 0.0674 | 11.0793 | 2.9597 | 0.0626 | 3.0223 | 0.0000 | 11,920.7374 | 11,920.7374 | 0.4780 | 0.0000 | 11,932.6876 |

3.4 Building Construction - 2031

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 1.9600e-003 | 0.0119 | 0.0242 | 5.0000e-005 | | 2.2000e-004 | 2.2000e-004 | | 2.2000e-004 | 2.2000e-004 | 0.0000 | 3.9429 | 3.9429 | 1.6000e-004 | 0.0000 | 3.9469 |
| Total | 1.9600e-003 | 0.0119 | 0.0242 | 5.0000e-005 | | 2.2000e-004 | 2.2000e-004 | | 2.2000e-004 | 2.2000e-004 | 0.0000 | 3.9429 | 3.9429 | 1.6000e-004 | 0.0000 | 3.9469 |

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3.4 Building Construction - 2031

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 4.7700e-003 | 0.1940 | 0.0328 | 6.6000e-004 | 0.0161 | 1.8000e-004 | 0.0163 | 4.6600e-003 | 1.7000e-004 | 4.8300e-003 | 0.0000 | 62.2548 | 62.2548 | 4.2600e-003 | 0.0000 | 62.3612 |
| Worker | 0.0249 | 0.0135 | 0.1868 | 8.0000e-004 | 0.1105 | 5.5000e-004 | 0.1110 | 0.0294 | 5.1000e-004 | 0.0299 | 0.0000 | 72.8666 | 72.8666 | 1.1000e-003 | 0.0000 | 72.8942 |
| Total | 0.0297 | 0.2075 | 0.2196 | 1.4600e-003 | 0.1266 | 7.3000e-004 | 0.1273 | 0.0340 | 6.8000e-004 | 0.0347 | 0.0000 | 135.1215 | 135.1215 | 5.3600e-003 | 0.0000 | 135.2555 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 1.9600e-003 | 0.0119 | 0.0242 | 5.0000e-005 | | 2.2000e-004 | 2.2000e-004 | | 2.2000e-004 | 2.2000e-004 | 0.0000 | 3.9429 | 3.9429 | 1.6000e-004 | 0.0000 | 3.9469 |
| Total | 1.9600e-003 | 0.0119 | 0.0242 | 5.0000e-005 | | 2.2000e-004 | 2.2000e-004 | | 2.2000e-004 | 2.2000e-004 | 0.0000 | 3.9429 | 3.9429 | 1.6000e-004 | 0.0000 | 3.9469 |

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3.4 Building Construction - 2031

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 4.7700e-003 | 0.1940 | 0.0328 | 6.6000e-004 | 0.0161 | 1.8000e-004 | 0.0163 | 4.6600e-003 | 1.7000e-004 | 4.8300e-003 | 0.0000 | 62.2548 | 62.2548 | 4.2600e-003 | 0.0000 | 62.3612 |
| Worker | 0.0249 | 0.0135 | 0.1868 | 8.0000e-004 | 0.1105 | 5.5000e-004 | 0.1110 | 0.0294 | 5.1000e-004 | 0.0299 | 0.0000 | 72.8666 | 72.8666 | 1.1000e-003 | 0.0000 | 72.8942 |
| Total | 0.0297 | 0.2075 | 0.2196 | 1.4600e-003 | 0.1266 | 7.3000e-004 | 0.1273 | 0.0340 | 6.8000e-004 | 0.0347 | 0.0000 | 135.1215 | 135.1215 | 5.3600e-003 | 0.0000 | 135.2555 |

3.5 Paving - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1632 | 1.6795 | 1.9049 | 2.9600e-003 | | 0.0881 | 0.0881 | | 0.0811 | 0.0811 | 0.0000 | 260.3052 | 260.3052 | 0.0842 | 0.0000 | 262.4099 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1632 | 1.6795 | 1.9049 | 2.9600e-003 | | 0.0881 | 0.0881 | | 0.0811 | 0.0811 | 0.0000 | 260.3052 | 260.3052 | 0.0842 | 0.0000 | 262.4099 |

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3.5 Paving - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0114 | 7.6800e-003 | 0.0840 | 2.4000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.7000e-004 | 6.5900e-003 | 0.0000 | 21.3475 | 21.3475 | 6.1000e-004 | 0.0000 | 21.3627 |
| Total | 0.0114 | 7.6800e-003 | 0.0840 | 2.4000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.7000e-004 | 6.5900e-003 | 0.0000 | 21.3475 | 21.3475 | 6.1000e-004 | 0.0000 | 21.3627 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1632 | 1.6795 | 1.9049 | 2.9600e-003 | | 0.0881 | 0.0881 | | 0.0811 | 0.0811 | 0.0000 | 260.3049 | 260.3049 | 0.0842 | 0.0000 | 262.4096 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1632 | 1.6795 | 1.9049 | 2.9600e-003 | | 0.0881 | 0.0881 | | 0.0811 | 0.0811 | 0.0000 | 260.3049 | 260.3049 | 0.0842 | 0.0000 | 262.4096 |

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3.5 Paving - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0114 | 7.6800e-003 | 0.0840 | 2.4000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.7000e-004 | 6.5900e-003 | 0.0000 | 21.3475 | 21.3475 | 6.1000e-004 | 0.0000 | 21.3627 |
| Total | 0.0114 | 7.6800e-003 | 0.0840 | 2.4000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.7000e-004 | 6.5900e-003 | 0.0000 | 21.3475 | 21.3475 | 6.1000e-004 | 0.0000 | 21.3627 |

3.5 Paving - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3583 | 260.3583 | 0.0842 | 0.0000 | 262.4634 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3583 | 260.3583 | 0.0842 | 0.0000 | 262.4634 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.5 Paving - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |
| Total | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3579 | 260.3579 | 0.0842 | 0.0000 | 262.4631 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3579 | 260.3579 | 0.0842 | 0.0000 | 262.4631 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.5 Paving - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |
| Total | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |

3.5 Paving - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3493 | 260.3493 | 0.0842 | 0.0000 | 262.4543 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3493 | 260.3493 | 0.0842 | 0.0000 | 262.4543 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.5 Paving - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |
| Total | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3490 | 260.3490 | 0.0842 | 0.0000 | 262.4540 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3490 | 260.3490 | 0.0842 | 0.0000 | 262.4540 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.5 Paving - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |
| Total | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |

3.5 Paving - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3476 | 262.3476 | 0.0849 | 0.0000 | 264.4688 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3476 | 262.3476 | 0.0849 | 0.0000 | 264.4688 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.5 Paving - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |
| Total | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3473 | 262.3473 | 0.0849 | 0.0000 | 264.4685 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3473 | 262.3473 | 0.0849 | 0.0000 | 264.4685 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.5 Paving - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |
| Total | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |

3.5 Paving - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.5 Paving - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |
| Total | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.5 Paving - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |
| Total | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |

3.5 Paving - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.5 Paving - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |
| Total | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.5 Paving - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |
| Total | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |

3.5 Paving - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.5 Paving - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |
| Total | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.5 Paving - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |
| Total | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |

3.5 Paving - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2503 | 260.2503 | 0.0842 | 0.0000 | 262.3546 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2503 | 260.2503 | 0.0842 | 0.0000 | 262.3546 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.5 Paving - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |
| Total | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2500 | 260.2500 | 0.0842 | 0.0000 | 262.3543 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2500 | 260.2500 | 0.0842 | 0.0000 | 262.3543 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.5 Paving - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |
| Total | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |

3.5 Paving - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.5 Paving - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.5800e-003 | 3.5600e-003 | 0.0469 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0244 | 6.4400e-003 | 1.3000e-004 | 6.5700e-003 | 0.0000 | 16.8129 | 16.8129 | 2.9000e-004 | 0.0000 | 16.8202 |
| Total | 6.5800e-003 | 3.5600e-003 | 0.0469 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0244 | 6.4400e-003 | 1.3000e-004 | 6.5700e-003 | 0.0000 | 16.8129 | 16.8129 | 2.9000e-004 | 0.0000 | 16.8202 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.5 Paving - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.5800e-003 | 3.5600e-003 | 0.0469 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0244 | 6.4400e-003 | 1.3000e-004 | 6.5700e-003 | 0.0000 | 16.8129 | 16.8129 | 2.9000e-004 | 0.0000 | 16.8202 |
| Total | 6.5800e-003 | 3.5600e-003 | 0.0469 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0244 | 6.4400e-003 | 1.3000e-004 | 6.5700e-003 | 0.0000 | 16.8129 | 16.8129 | 2.9000e-004 | 0.0000 | 16.8202 |

3.5 Paving - 2030

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1807 | 0.9292 | 2.0684 | 3.6600e-003 | | 0.0432 | 0.0432 | | 0.0432 | 0.0432 | 0.0000 | 314.4987 | 314.4987 | 0.0147 | 0.0000 | 314.8673 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1807 | 0.9292 | 2.0684 | 3.6600e-003 | | 0.0432 | 0.0432 | | 0.0432 | 0.0432 | 0.0000 | 314.4987 | 314.4987 | 0.0147 | 0.0000 | 314.8673 |

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3.5 Paving - 2030

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.0300e-003 | 3.2500e-003 | 0.0439 | 1.8000e-004 | 0.0242 | 1.3000e-004 | 0.0244 | 6.4400e-003 | 1.2000e-004 | 6.5600e-003 | 0.0000 | 16.3763 | 16.3763 | 2.7000e-004 | 0.0000 | 16.3829 |
| Total | 6.0300e-003 | 3.2500e-003 | 0.0439 | 1.8000e-004 | 0.0242 | 1.3000e-004 | 0.0244 | 6.4400e-003 | 1.2000e-004 | 6.5600e-003 | 0.0000 | 16.3763 | 16.3763 | 2.7000e-004 | 0.0000 | 16.3829 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1807 | 0.9292 | 2.0684 | 3.6600e-003 | | 0.0432 | 0.0432 | | 0.0432 | 0.0432 | 0.0000 | 314.4983 | 314.4983 | 0.0147 | 0.0000 | 314.8669 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1807 | 0.9292 | 2.0684 | 3.6600e-003 | | 0.0432 | 0.0432 | | 0.0432 | 0.0432 | 0.0000 | 314.4983 | 314.4983 | 0.0147 | 0.0000 | 314.8669 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.5 Paving - 2030

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.0300e-003 | 3.2500e-003 | 0.0439 | 1.8000e-004 | 0.0242 | 1.3000e-004 | 0.0244 | 6.4400e-003 | 1.2000e-004 | 6.5600e-003 | 0.0000 | 16.3763 | 16.3763 | 2.7000e-004 | 0.0000 | 16.3829 |
| Total | 6.0300e-003 | 3.2500e-003 | 0.0439 | 1.8000e-004 | 0.0242 | 1.3000e-004 | 0.0244 | 6.4400e-003 | 1.2000e-004 | 6.5600e-003 | 0.0000 | 16.3763 | 16.3763 | 2.7000e-004 | 0.0000 | 16.3829 |

3.5 Paving - 2031

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 2.0800e-003 | 0.0107 | 0.0238 | 4.0000e-005 | | 5.0000e-004 | 5.0000e-004 | | 5.0000e-004 | 5.0000e-004 | 0.0000 | 3.6149 | 3.6149 | 1.7000e-004 | 0.0000 | 3.6192 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 2.0800e-003 | 0.0107 | 0.0238 | 4.0000e-005 | | 5.0000e-004 | 5.0000e-004 | | 5.0000e-004 | 5.0000e-004 | 0.0000 | 3.6149 | 3.6149 | 1.7000e-004 | 0.0000 | 3.6192 |

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3.5 Paving - 2031

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.0000e-005 | 3.0000e-005 | 4.7000e-004 | 0.0000 | 2.8000e-004 | 0.0000 | 2.8000e-004 | 7.0000e-005 | 0.0000 | 8.0000e-005 | 0.0000 | 0.1838 | 0.1838 | 0.0000 | 0.0000 | 0.1839 |
| Total | 6.0000e-005 | 3.0000e-005 | 4.7000e-004 | 0.0000 | 2.8000e-004 | 0.0000 | 2.8000e-004 | 7.0000e-005 | 0.0000 | 8.0000e-005 | 0.0000 | 0.1838 | 0.1838 | 0.0000 | 0.0000 | 0.1839 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 2.0800e-003 | 0.0107 | 0.0238 | 4.0000e-005 | | 5.0000e-004 | 5.0000e-004 | | 5.0000e-004 | 5.0000e-004 | 0.0000 | 3.6149 | 3.6149 | 1.7000e-004 | 0.0000 | 3.6192 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 2.0800e-003 | 0.0107 | 0.0238 | 4.0000e-005 | | 5.0000e-004 | 5.0000e-004 | | 5.0000e-004 | 5.0000e-004 | 0.0000 | 3.6149 | 3.6149 | 1.7000e-004 | 0.0000 | 3.6192 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.5 Paving - 2031

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.0000e-005 | 3.0000e-005 | 4.7000e-004 | 0.0000 | 2.8000e-004 | 0.0000 | 2.8000e-004 | 7.0000e-005 | 0.0000 | 8.0000e-005 | 0.0000 | 0.1838 | 0.1838 | 0.0000 | 0.0000 | 0.1839 |
| Total | 6.0000e-005 | 3.0000e-005 | 4.7000e-004 | 0.0000 | 2.8000e-004 | 0.0000 | 2.8000e-004 | 7.0000e-005 | 0.0000 | 8.0000e-005 | 0.0000 | 0.1838 | 0.1838 | 0.0000 | 0.0000 | 0.1839 |

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0285 | 0.1985 | 0.2363 | 3.9000e-004 | | 0.0122 | 0.0122 | | 0.0122 | 0.0122 | 0.0000 | 33.1923 | 33.1923 | 2.2800e-003 | 0.0000 | 33.2492 |
| Total | 11.4696 | 0.1985 | 0.2363 | 3.9000e-004 | | 0.0122 | 0.0122 | | 0.0122 | 0.0122 | 0.0000 | 33.1923 | 33.1923 | 2.2800e-003 | 0.0000 | 33.2492 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.6 Architectural Coating - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.9004 | 0.6088 | 6.6606 | 0.0187 | 1.9144 | 0.0144 | 1.9287 | 0.5089 | 0.0132 | 0.5221 | 0.0000 | 1,692.1485 | 1,692.1485 | 0.0482 | 0.0000 | 1,693.3534 |
| Total | 0.9004 | 0.6088 | 6.6606 | 0.0187 | 1.9144 | 0.0144 | 1.9287 | 0.5089 | 0.0132 | 0.5221 | 0.0000 | 1,692.1485 | 1,692.1485 | 0.0482 | 0.0000 | 1,693.3534 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0285 | 0.1985 | 0.2363 | 3.9000e-004 | | 0.0122 | 0.0122 | | 0.0122 | 0.0122 | 0.0000 | 33.1923 | 33.1923 | 2.2800e-003 | 0.0000 | 33.2492 |
| Total | 11.4696 | 0.1985 | 0.2363 | 3.9000e-004 | | 0.0122 | 0.0122 | | 0.0122 | 0.0122 | 0.0000 | 33.1923 | 33.1923 | 2.2800e-003 | 0.0000 | 33.2492 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.6 Architectural Coating - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.9004 | 0.6088 | 6.6606 | 0.0187 | 1.9144 | 0.0144 | 1.9287 | 0.5089 | 0.0132 | 0.5221 | 0.0000 | 1,692.1485 | 1,692.1485 | 0.0482 | 0.0000 | 1,693.3534 |
| Total | 0.9004 | 0.6088 | 6.6606 | 0.0187 | 1.9144 | 0.0144 | 1.9287 | 0.5089 | 0.0132 | 0.5221 | 0.0000 | 1,692.1485 | 1,692.1485 | 0.0482 | 0.0000 | 1,693.3534 |

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0266 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |
| Total | 11.4677 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.6 Architectural Coating - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.8338 | 0.5441 | 6.0859 | 0.0180 | 1.9144 | 0.0139 | 1.9283 | 0.5089 | 0.0128 | 0.5217 | 0.0000 | 1,630.936 3 | 1,630.936 3 | 0.0430 | 0.0000 | 1,632.012 4 |
| Total | 0.8338 | 0.5441 | 6.0859 | 0.0180 | 1.9144 | 0.0139 | 1.9283 | 0.5089 | 0.0128 | 0.5217 | 0.0000 | 1,630.936 3 | 1,630.936 3 | 0.0430 | 0.0000 | 1,632.012 4 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0266 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |
| Total | 11.4677 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.6 Architectural Coating - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.8338 | 0.5441 | 6.0859 | 0.0180 | 1.9144 | 0.0139 | 1.9283 | 0.5089 | 0.0128 | 0.5217 | 0.0000 | 1,630.936 3 | 1,630.936 3 | 0.0430 | 0.0000 | 1,632.012 4 |
| Total | 0.8338 | 0.5441 | 6.0859 | 0.0180 | 1.9144 | 0.0139 | 1.9283 | 0.5089 | 0.0128 | 0.5217 | 0.0000 | 1,630.936 3 | 1,630.936 3 | 0.0430 | 0.0000 | 1,632.012 4 |

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0249 | 0.1694 | 0.2355 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |
| Total | 11.4661 | 0.1694 | 0.2355 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.7738 | 0.4870 | 5.5642 | 0.0174 | 1.9144 | 0.0135 | 1.9279 | 0.5089 | 0.0124 | 0.5213 | 0.0000 | 1,569.273 2 | 1,569.273 2 | 0.0384 | 0.0000 | 1,570.233 3 |
| Total | 0.7738 | 0.4870 | 5.5642 | 0.0174 | 1.9144 | 0.0135 | 1.9279 | 0.5089 | 0.0124 | 0.5213 | 0.0000 | 1,569.273 2 | 1,569.273 2 | 0.0384 | 0.0000 | 1,570.233 3 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0249 | 0.1694 | 0.2354 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |
| Total | 11.4661 | 0.1694 | 0.2354 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |

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3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.7738 | 0.4870 | 5.5642 | 0.0174 | 1.9144 | 0.0135 | 1.9279 | 0.5089 | 0.0124 | 0.5213 | 0.0000 | 1,569.273 2 | 1,569.273 2 | 0.0384 | 0.0000 | 1,570.233 3 |
| Total | 0.7738 | 0.4870 | 5.5642 | 0.0174 | 1.9144 | 0.0135 | 1.9279 | 0.5089 | 0.0124 | 0.5213 | 0.0000 | 1,569.273 2 | 1,569.273 2 | 0.0384 | 0.0000 | 1,570.233 3 |

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.5292 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0237 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |
| Total | 11.5528 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |

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3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.7305 | 0.4455 | 5.2713 | 0.0172 | 1.9291 | 0.0138 | 1.9429 | 0.5128 | 0.0127 | 0.5255 | 0.0000 | 1,550.9826 | 1,550.9826 | 0.0361 | 0.0000 | 1,551.8844 |
| Total | 0.7305 | 0.4455 | 5.2713 | 0.0172 | 1.9291 | 0.0138 | 1.9429 | 0.5128 | 0.0127 | 0.5255 | 0.0000 | 1,550.9826 | 1,550.9826 | 0.0361 | 0.0000 | 1,551.8844 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.5292 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0237 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |
| Total | 11.5528 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.7305 | 0.4455 | 5.2713 | 0.0172 | 1.9291 | 0.0138 | 1.9429 | 0.5128 | 0.0127 | 0.5255 | 0.0000 | 1,550.9826 | 1,550.9826 | 0.0361 | 0.0000 | 1,551.8844 |
| Total | 0.7305 | 0.4455 | 5.2713 | 0.0172 | 1.9291 | 0.0138 | 1.9429 | 0.5128 | 0.0127 | 0.5255 | 0.0000 | 1,550.9826 | 1,550.9826 | 0.0361 | 0.0000 | 1,551.8844 |

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.6 Architectural Coating - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.6812 | 0.4010 | 4.8395 | 0.0164 | 1.9217 | 0.0134 | 1.9352 | 0.5108 | 0.0124 | 0.5232 | 0.0000 | 1,483.0713 | 1,483.0713 | 0.0324 | 0.0000 | 1,483.8804 |
| Total | 0.6812 | 0.4010 | 4.8395 | 0.0164 | 1.9217 | 0.0134 | 1.9352 | 0.5108 | 0.0124 | 0.5232 | 0.0000 | 1,483.0713 | 1,483.0713 | 0.0324 | 0.0000 | 1,483.8804 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.6 Architectural Coating - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.6812 | 0.4010 | 4.8395 | 0.0164 | 1.9217 | 0.0134 | 1.9352 | 0.5108 | 0.0124 | 0.5232 | 0.0000 | 1,483.0713 | 1,483.0713 | 0.0324 | 0.0000 | 1,483.8804 |
| Total | 0.6812 | 0.4010 | 4.8395 | 0.0164 | 1.9217 | 0.0134 | 1.9352 | 0.5108 | 0.0124 | 0.5232 | 0.0000 | 1,483.0713 | 1,483.0713 | 0.0324 | 0.0000 | 1,483.8804 |

3.6 Architectural Coating - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.6 Architectural Coating - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.6446 | 0.3697 | 4.5845 | 0.0162 | 1.9217 | 0.0136 | 1.9354 | 0.5108 | 0.0125 | 0.5234 | 0.0000 | 1,466.4238 | 1,466.4238 | 0.0307 | 0.0000 | 1,467.1919 |
| Total | 0.6446 | 0.3697 | 4.5845 | 0.0162 | 1.9217 | 0.0136 | 1.9354 | 0.5108 | 0.0125 | 0.5234 | 0.0000 | 1,466.4238 | 1,466.4238 | 0.0307 | 0.0000 | 1,467.1919 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.6 Architectural Coating - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.6446 | 0.3697 | 4.5845 | 0.0162 | 1.9217 | 0.0136 | 1.9354 | 0.5108 | 0.0125 | 0.5234 | 0.0000 | 1,466.4238 | 1,466.4238 | 0.0307 | 0.0000 | 1,467.1919 |
| Total | 0.6446 | 0.3697 | 4.5845 | 0.0162 | 1.9217 | 0.0136 | 1.9354 | 0.5108 | 0.0125 | 0.5234 | 0.0000 | 1,466.4238 | 1,466.4238 | 0.0307 | 0.0000 | 1,467.1919 |

3.6 Architectural Coating - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.6 Architectural Coating - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.6055 | 0.3373 | 4.2654 | 0.0157 | 1.9217 | 0.0129 | 1.9347 | 0.5108 | 0.0119 | 0.5227 | 0.0000 | 1,416.2553 | 1,416.2553 | 0.0279 | 0.0000 | 1,416.9529 |
| Total | 0.6055 | 0.3373 | 4.2654 | 0.0157 | 1.9217 | 0.0129 | 1.9347 | 0.5108 | 0.0119 | 0.5227 | 0.0000 | 1,416.2553 | 1,416.2553 | 0.0279 | 0.0000 | 1,416.9529 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.6 Architectural Coating - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.6055 | 0.3373 | 4.2654 | 0.0157 | 1.9217 | 0.0129 | 1.9347 | 0.5108 | 0.0119 | 0.5227 | 0.0000 | 1,416.2553 | 1,416.2553 | 0.0279 | 0.0000 | 1,416.9529 |
| Total | 0.6055 | 0.3373 | 4.2654 | 0.0157 | 1.9217 | 0.0129 | 1.9347 | 0.5108 | 0.0119 | 0.5227 | 0.0000 | 1,416.2553 | 1,416.2553 | 0.0279 | 0.0000 | 1,416.9529 |

3.6 Architectural Coating - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0222 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2376 |
| Total | 11.4634 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2376 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.6 Architectural Coating - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.5613 | 0.3071 | 3.9668 | 0.0151 | 1.9144 | 0.0120 | 1.9263 | 0.5089 | 0.0110 | 0.5199 | 0.0000 | 1,366.6255 | 1,366.6255 | 0.0254 | 0.0000 | 1,367.2593 |
| Total | 0.5613 | 0.3071 | 3.9668 | 0.0151 | 1.9144 | 0.0120 | 1.9263 | 0.5089 | 0.0110 | 0.5199 | 0.0000 | 1,366.6255 | 1,366.6255 | 0.0254 | 0.0000 | 1,367.2593 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0222 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2375 |
| Total | 11.4634 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2375 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

3.6 Architectural Coating - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.5613 | 0.3071 | 3.9668 | 0.0151 | 1.9144 | 0.0120 | 1.9263 | 0.5089 | 0.0110 | 0.5199 | 0.0000 | 1,366.6255 | 1,366.6255 | 0.0254 | 0.0000 | 1,367.2593 |
| Total | 0.5613 | 0.3071 | 3.9668 | 0.0151 | 1.9144 | 0.0120 | 1.9263 | 0.5089 | 0.0110 | 0.5199 | 0.0000 | 1,366.6255 | 1,366.6255 | 0.0254 | 0.0000 | 1,367.2593 |

3.6 Architectural Coating - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

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3.6 Architectural Coating - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.5212 | 0.2820 | 3.7197 | 0.0147 | 1.9217 | 0.0112 | 1.9329 | 0.5108 | 0.0103 | 0.5211 | 0.0000 | 1,332.698 2 | 1,332.698 2 | 0.0232 | 0.0000 | 1,333.278 0 |
| Total | 0.5212 | 0.2820 | 3.7197 | 0.0147 | 1.9217 | 0.0112 | 1.9329 | 0.5108 | 0.0103 | 0.5211 | 0.0000 | 1,332.698 2 | 1,332.698 2 | 0.0232 | 0.0000 | 1,333.278 0 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |

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3.6 Architectural Coating - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.5212 | 0.2820 | 3.7197 | 0.0147 | 1.9217 | 0.0112 | 1.9329 | 0.5108 | 0.0103 | 0.5211 | 0.0000 | 1,332.698 2 | 1,332.698 2 | 0.0232 | 0.0000 | 1,333.278 0 |
| Total | 0.5212 | 0.2820 | 3.7197 | 0.0147 | 1.9217 | 0.0112 | 1.9329 | 0.5108 | 0.0103 | 0.5211 | 0.0000 | 1,332.698 2 | 1,332.698 2 | 0.0232 | 0.0000 | 1,333.278 0 |

3.6 Architectural Coating - 2030

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0171 | 0.1117 | 0.2346 | 3.9000e-004 | | 2.6500e-003 | 2.6500e-003 | | 2.6500e-003 | 2.6500e-003 | 0.0000 | 33.3200 | 33.3200 | 1.3500e-003 | 0.0000 | 33.3537 |
| Total | 11.5022 | 0.1117 | 0.2346 | 3.9000e-004 | | 2.6500e-003 | 2.6500e-003 | | 2.6500e-003 | 2.6500e-003 | 0.0000 | 33.3200 | 33.3200 | 1.3500e-003 | 0.0000 | 33.3537 |

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3.6 Architectural Coating - 2030

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|--------------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4780 | 0.2576 | 3.4787 | 0.0143 | 1.9217 | 0.0104 | 1.9321 | 0.5108 | 9.5400e-003 | 0.5204 | 0.0000 | 1,298.0926 | 1,298.0926 | 0.0211 | 0.0000 | 1,298.6210 |
| Total | 0.4780 | 0.2576 | 3.4787 | 0.0143 | 1.9217 | 0.0104 | 1.9321 | 0.5108 | 9.5400e-003 | 0.5204 | 0.0000 | 1,298.0926 | 1,298.0926 | 0.0211 | 0.0000 | 1,298.6210 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0171 | 0.1117 | 0.2346 | 3.9000e-004 | | 2.6500e-003 | 2.6500e-003 | | 2.6500e-003 | 2.6500e-003 | 0.0000 | 33.3199 | 33.3199 | 1.3500e-003 | 0.0000 | 33.3536 |
| Total | 11.5022 | 0.1117 | 0.2346 | 3.9000e-004 | | 2.6500e-003 | 2.6500e-003 | | 2.6500e-003 | 2.6500e-003 | 0.0000 | 33.3199 | 33.3199 | 1.3500e-003 | 0.0000 | 33.3536 |

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3.6 Architectural Coating - 2030

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|--------------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4780 | 0.2576 | 3.4787 | 0.0143 | 1.9217 | 0.0104 | 1.9321 | 0.5108 | 9.5400e-003 | 0.5204 | 0.0000 | 1,298.0926 | 1,298.0926 | 0.0211 | 0.0000 | 1,298.6210 |
| Total | 0.4780 | 0.2576 | 3.4787 | 0.0143 | 1.9217 | 0.0104 | 1.9321 | 0.5108 | 9.5400e-003 | 0.5204 | 0.0000 | 1,298.0926 | 1,298.0926 | 0.0211 | 0.0000 | 1,298.6210 |

3.6 Architectural Coating - 2031

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 0.1320 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 2.0000e-004 | 1.2800e-003 | 2.7000e-003 | 0.0000 | | 3.0000e-005 | 3.0000e-005 | | 3.0000e-005 | 3.0000e-005 | 0.0000 | 0.3830 | 0.3830 | 2.0000e-005 | 0.0000 | 0.3834 |
| Total | 0.1322 | 1.2800e-003 | 2.7000e-003 | 0.0000 | | 3.0000e-005 | 3.0000e-005 | | 3.0000e-005 | 3.0000e-005 | 0.0000 | 0.3830 | 0.3830 | 2.0000e-005 | 0.0000 | 0.3834 |

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3.6 Architectural Coating - 2031

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 4.9800e-003 | 2.7000e-003 | 0.0374 | 1.6000e-004 | 0.0221 | 1.1000e-004 | 0.0222 | 5.8700e-003 | 1.0000e-004 | 5.9700e-003 | 0.0000 | 14.5709 | 14.5709 | 2.2000e-004 | 0.0000 | 14.5764 |
| Total | 4.9800e-003 | 2.7000e-003 | 0.0374 | 1.6000e-004 | 0.0221 | 1.1000e-004 | 0.0222 | 5.8700e-003 | 1.0000e-004 | 5.9700e-003 | 0.0000 | 14.5709 | 14.5709 | 2.2000e-004 | 0.0000 | 14.5764 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 0.1320 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 2.0000e-004 | 1.2800e-003 | 2.7000e-003 | 0.0000 | | 3.0000e-005 | 3.0000e-005 | | 3.0000e-005 | 3.0000e-005 | 0.0000 | 0.3830 | 0.3830 | 2.0000e-005 | 0.0000 | 0.3834 |
| Total | 0.1322 | 1.2800e-003 | 2.7000e-003 | 0.0000 | | 3.0000e-005 | 3.0000e-005 | | 3.0000e-005 | 3.0000e-005 | 0.0000 | 0.3830 | 0.3830 | 2.0000e-005 | 0.0000 | 0.3834 |

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3.6 Architectural Coating - 2031

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 4.9800e-003 | 2.7000e-003 | 0.0374 | 1.6000e-004 | 0.0221 | 1.1000e-004 | 0.0222 | 5.8700e-003 | 1.0000e-004 | 5.9700e-003 | 0.0000 | 14.5709 | 14.5709 | 2.2000e-004 | 0.0000 | 14.5764 |
| Total | 4.9800e-003 | 2.7000e-003 | 0.0374 | 1.6000e-004 | 0.0221 | 1.1000e-004 | 0.0222 | 5.8700e-003 | 1.0000e-004 | 5.9700e-003 | 0.0000 | 14.5709 | 14.5709 | 2.2000e-004 | 0.0000 | 14.5764 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Improve Pedestrian Network

Implement Trip Reduction Program

Encourage Telecommuting and Alternative Work Schedules

Employee Vanpool/Shuttle

Provide Ride Sharing Program

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|---------|---------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|--------|--------|-------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 8.1910 | 93.8742 | 88.9735 | 0.6389 | 53.5889 | 0.2461 | 53.8350 | 14.3714 | 0.2302 | 14.6016 | 0.0000 | 59,490.1984 | 59,490.1984 | 3.2045 | 0.0000 | 59,570.3105 |
| Unmitigated | 8.5970 | 96.3437 | 95.7345 | 0.6881 | 58.4631 | 0.2665 | 58.7295 | 15.6786 | 0.2493 | 15.9279 | 0.0000 | 64,055.5568 | 64,055.5568 | 3.2915 | 0.0000 | 64,137.8433 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|-----------------------|-------------------------|------------------|------------------|--------------------|--------------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| City Park | 0.00 | 0.00 | 0.00 | | |
| Condo/Townhouse | 0.00 | 0.00 | 0.00 | | |
| Elementary School | 0.00 | 0.00 | 0.00 | | |
| Office Park | 0.00 | 0.00 | 0.00 | | |
| Single Family Housing | 46,294.74 | 46,294.74 | 46,294.74 | 154,946,476 | 142,028,364 |
| Strip Mall | 0.00 | 0.00 | 0.00 | | |
| Total | 46,294.74 | 46,294.74 | 46,294.74 | 154,946,476 | 142,028,364 |

4.3 Trip Type Information

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| Land Use | Miles | | | Trip % | | | Trip Purpose % | | |
|-----------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| City Park | 14.70 | 6.60 | 6.60 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |
| Condo/Townhouse | 16.80 | 7.10 | 7.90 | 42.30 | 19.60 | 38.10 | 86 | 11 | 3 |
| Elementary School | 14.70 | 6.60 | 6.60 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| Office Park | 14.70 | 6.60 | 6.60 | 33.00 | 48.00 | 19.00 | 82 | 15 | 3 |
| Single Family Housing | 15.12 | 6.39 | 7.11 | 42.30 | 19.60 | 38.10 | 86 | 11 | 3 |
| Strip Mall | 14.70 | 6.60 | 6.60 | 16.60 | 64.40 | 19.00 | 45 | 40 | 15 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| City Park | 0.583441 | 0.028047 | 0.168882 | 0.089637 | 0.008318 | 0.003459 | 0.012571 | 0.094450 | 0.002456 | 0.001408 | 0.005913 | 0.000973 | 0.000446 |
| Condo/Townhouse | 0.583441 | 0.028047 | 0.168882 | 0.089637 | 0.008318 | 0.003459 | 0.012571 | 0.094450 | 0.002456 | 0.001408 | 0.005913 | 0.000973 | 0.000446 |
| Elementary School | 0.583441 | 0.028047 | 0.168882 | 0.089637 | 0.008318 | 0.003459 | 0.012571 | 0.094450 | 0.002456 | 0.001408 | 0.005913 | 0.000973 | 0.000446 |
| Office Park | 0.583441 | 0.028047 | 0.168882 | 0.089637 | 0.008318 | 0.003459 | 0.012571 | 0.094450 | 0.002456 | 0.001408 | 0.005913 | 0.000973 | 0.000446 |
| Single Family Housing | 0.583441 | 0.028047 | 0.168882 | 0.089637 | 0.008318 | 0.003459 | 0.012571 | 0.094450 | 0.002456 | 0.001408 | 0.005913 | 0.000973 | 0.000446 |
| Strip Mall | 0.583441 | 0.028047 | 0.168882 | 0.089637 | 0.008318 | 0.003459 | 0.012571 | 0.094450 | 0.002456 | 0.001408 | 0.005913 | 0.000973 | 0.000446 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Kilowatt Hours of Renewable Electricity Generated

Install Energy Efficient Appliances

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|-------------------------|---------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-------------|-------------|--------|--------|-------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | | |
| Electricity Mitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 9,114.9148 | 9,114.9148 | 0.8039 | 0.1663 | 9,184.5795 |
| Electricity Unmitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 10,008.5285 | 10,008.5285 | 0.8828 | 0.1826 | 10,085.0231 |
| NaturalGas Mitigated | 0.8513 | 7.3169 | 3.4024 | 0.0464 | | | 0.5882 | 0.5882 | | 0.5882 | 0.5882 | 0.0000 | 8,425.3586 | 8,425.3586 | 0.1615 | 0.1545 | 8,475.4263 |
| NaturalGas Unmitigated | 1.0245 | 8.8057 | 4.0971 | 0.0559 | | | 0.7079 | 0.7079 | | 0.7079 | 0.7079 | 0.0000 | 10,139.2242 | 10,139.2242 | 0.1943 | 0.1859 | 10,199.4765 |

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5.2 Energy by Land Use - NaturalGas

Unmitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 4.09256e+007 | 0.2207 | 1.8858 | 0.8025 | 0.0120 | | 0.1525 | 0.1525 | | 0.1525 | 0.1525 | 0.0000 | 2,183.9454 | 2,183.9454 | 0.0419 | 0.0400 | 2,196.9235 |
| Elementary School | 2.93899e+006 | 0.0159 | 0.1441 | 0.1210 | 8.6000e-004 | | 0.0110 | 0.0110 | | 0.0110 | 0.0110 | 0.0000 | 156.8359 | 156.8359 | 3.0100e-003 | 2.8800e-003 | 157.7679 |
| Office Park | 5.29886e+006 | 0.0286 | 0.2598 | 0.2182 | 1.5600e-003 | | 0.0197 | 0.0197 | | 0.0197 | 0.0197 | 0.0000 | 282.7671 | 282.7671 | 5.4200e-003 | 5.1800e-003 | 284.4475 |
| Single Family Housing | 1.3185e+008 | 0.7110 | 6.0755 | 2.5853 | 0.0388 | | 0.4912 | 0.4912 | | 0.4912 | 0.4912 | 0.0000 | 7,036.0419 | 7,036.0419 | 0.1349 | 0.1290 | 7,077.8536 |
| Strip Mall | 8.988e+006 | 0.0485 | 0.4406 | 0.3701 | 2.6400e-003 | | 0.0335 | 0.0335 | | 0.0335 | 0.0335 | 0.0000 | 479.6339 | 479.6339 | 9.1900e-003 | 8.7900e-003 | 482.4841 |
| Total | | 1.0245 | 8.8057 | 4.0971 | 0.0559 | | 0.7079 | 0.7079 | | 0.7079 | 0.7079 | 0.0000 | 10,139.2242 | 10,139.2242 | 0.1943 | 0.1859 | 10,199.4765 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

5.2 Energy by Land Use - NaturalGas

Mitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 3.44367e+007 | 0.1857 | 1.5868 | 0.6752 | 0.0101 | | 0.1283 | 0.1283 | | 0.1283 | 0.1283 | 0.0000 | 1,837.6720 | 1,837.6720 | 0.0352 | 0.0337 | 1,848.5923 |
| Elementary School | 2.39614e+006 | 0.0129 | 0.1175 | 0.0987 | 7.0000e-004 | | 8.9300e-003 | 8.9300e-003 | | 8.9300e-003 | 8.9300e-003 | 0.0000 | 127.8671 | 127.8671 | 2.4500e-003 | 2.3400e-003 | 128.6270 |
| Office Park | 4.27723e+006 | 0.0231 | 0.2097 | 0.1761 | 1.2600e-003 | | 0.0159 | 0.0159 | | 0.0159 | 0.0159 | 0.0000 | 228.2494 | 228.2494 | 4.3700e-003 | 4.1800e-003 | 229.6058 |
| Single Family Housing | 1.09235e+008 | 0.5890 | 5.0334 | 2.1419 | 0.0321 | | 0.4070 | 0.4070 | | 0.4070 | 0.4070 | 0.0000 | 5,829.2156 | 5,829.2156 | 0.1117 | 0.1069 | 5,863.8557 |
| Strip Mall | 7.53984e+006 | 0.0407 | 0.3696 | 0.3105 | 2.2200e-003 | | 0.0281 | 0.0281 | | 0.0281 | 0.0281 | 0.0000 | 402.3546 | 402.3546 | 7.7100e-003 | 7.3800e-003 | 404.7456 |
| Total | | 0.8513 | 7.3169 | 3.4023 | 0.0464 | | 0.5882 | 0.5882 | | 0.5882 | 0.5882 | 0.0000 | 8,425.3586 | 8,425.3586 | 0.1615 | 0.1545 | 8,475.4263 |

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5.3 Energy by Land Use - Electricity

Unmitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|--------------------|---------------|---------------|--------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 1.25475e+007 | 1,871.3417 | 0.1651 | 0.0342 | 1,885.6442 |
| Elementary School | 821654 | 122.5424 | 0.0108 | 2.2400e-003 | 123.4790 |
| Office Park | 2.71223e+006 | 404.5056 | 0.0357 | 7.3800e-003 | 407.5972 |
| Single Family Housing | 4.41804e+007 | 6,589.1184 | 0.5812 | 0.1202 | 6,639.4786 |
| Strip Mall | 6.846e+006 | 1,021.0205 | 0.0901 | 0.0186 | 1,028.8241 |
| Total | | 10,008.5285 | 0.8828 | 0.1826 | 10,085.0231 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | -3.33333 | -0.0005 | 0.0000 | 0.0000 | -0.0005 |
| Condo/Townhouse | 1.14671e+007 | 1,710.2232 | 0.1508 | 0.0312 | 1,723.2943 |
| Elementary School | 701563 | 104.6319 | 9.2300e-003 | 1.9100e-003 | 105.4316 |
| Office Park | 2.37867e+006 | 354.7571 | 0.0313 | 6.4700e-003 | 357.4685 |
| Single Family Housing | 4.07055e+007 | 6,070.8590 | 0.5355 | 0.1108 | 6,117.2583 |
| Strip Mall | 5.8632e+006 | 874.4440 | 0.0771 | 0.0160 | 881.1273 |
| Total | | 9,114.9148 | 0.8039 | 0.1663 | 9,184.5795 |

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- No Hearths Installed

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|--------|----------|-------------|---------------|--------------|------------|----------------|---------------|-------------|------------|------------|-------------|---------|--------|-------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 62.1477 | 0.6249 | 54.1441 | 2.8700e-003 | | 0.3015 | 0.3015 | | 0.3015 | 0.3015 | 0.0000 | 88.8411 | 88.8411 | 0.0846 | 0.0000 | 90.9571 |
| Unmitigated | 98.7381 | 8.7368 | 384.6946 | 1.0950 | | 54.2563 | 54.2563 | | 54.2563 | 54.2563 | 7,194.9148 | 3,260.3525 | 10,455.2673 | 33.7802 | 0.0581 | 11,317.0991 |

6.2 Area by SubCategory

Unmitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|-----------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------|--------------------|----------------|---------------|--------------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 49.0417 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 36.5905 | 8.1119 | 330.5505 | 1.0922 | | 53.9547 | 53.9547 | | 53.9547 | 53.9547 | 7,194.9148 | 3,171.5113 | 10,366.4262 | 33.6956 | 0.0581 | 11,226.1420 |
| Landscaping | 1.6209 | 0.6249 | 54.1441 | 2.8700e-003 | | 0.3015 | 0.3015 | | 0.3015 | 0.3015 | 0.0000 | 88.8411 | 88.8411 | 0.0846 | 0.0000 | 90.9571 |
| Total | 98.7381 | 8.7368 | 384.6946 | 1.0950 | | 54.2563 | 54.2563 | | 54.2563 | 54.2563 | 7,194.9148 | 3,260.3525 | 10,455.2673 | 33.7802 | 0.0581 | 11,317.0991 |

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6.2 Area by SubCategory

Mitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|----------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 49.0417 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Landscaping | 1.6209 | 0.6249 | 54.1441 | 2.8700e-003 | | 0.3015 | 0.3015 | | 0.3015 | 0.3015 | 0.0000 | 88.8411 | 88.8411 | 0.0846 | 0.0000 | 90.9571 |
| Total | 62.1477 | 0.6249 | 54.1441 | 2.8700e-003 | | 0.3015 | 0.3015 | | 0.3015 | 0.3015 | 0.0000 | 88.8411 | 88.8411 | 0.0846 | 0.0000 | 90.9571 |

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

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| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|---------|--------|------------|
| Category | MT/yr | | | |
| Mitigated | 737.9851 | 15.2744 | 0.3702 | 1,230.1646 |
| Unmitigated | 922.4814 | 19.0931 | 0.4628 | 1,537.7058 |

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7.2 Water by Land Use

Unmitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-----------------|----------------|---------------|-------------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 136.615 | 71.3124 | 6.2900e-003 | 1.3000e-003 | 71.8574 |
| Condo/Townhouse | 148.421 / 93.5697 | 215.7060 | 4.8512 | 0.1173 | 371.9324 |
| Elementary School | 3.39394 / 8.72726 | 8.3712 | 0.1112 | 2.7400e-003 | 11.9699 |
| Office Park | 41.3426 / 25.339 | 59.7066 | 1.3513 | 0.0327 | 103.2206 |
| Single Family Housing | 328.572 / 207.143 | 477.5265 | 10.7394 | 0.2596 | 823.3779 |
| Strip Mall | 62.2209 / 38.1354 | 89.8587 | 2.0337 | 0.0492 | 155.3475 |
| Total | | 922.4814 | 19.0930 | 0.4627 | 1,537.7057 |

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7.2 Water by Land Use

Mitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-----------------|----------------|---------------|-------------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 109.292 | 57.0499 | 5.0300e-003 | 1.0400e-003 | 57.4859 |
| Condo/Townhouse | 118.737 / 74.8557 | 172.5648 | 3.8809 | 0.0938 | 297.5459 |
| Elementary School | 2.71515 / 6.98181 | 6.6970 | 0.0890 | 2.2000e-003 | 9.5760 |
| Office Park | 33.0741 / 20.2712 | 47.7653 | 1.0810 | 0.0261 | 82.5765 |
| Single Family Housing | 262.857 / 165.714 | 382.0212 | 8.5916 | 0.2077 | 658.7024 |
| Strip Mall | 49.7767 / 30.5083 | 71.8870 | 1.6269 | 0.0393 | 124.2780 |
| Total | | 737.9851 | 15.2744 | 0.3702 | 1,230.1646 |

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|----------------|---------|--------|----------------|
| | MT/yr | | | |
| Mitigated | 1,157.634 6 | 68.4143 | 0.0000 | 2,867.990 8 |
| Unmitigated | 1,543.512 8 | 91.2190 | 0.0000 | 3,823.987 7 |

Village D Specific Plan - Phase II Operational Mitigated - Madera County, Annual

8.2 Waste by Land Use**Unmitigated**

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-------------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 9.86 | 2.0015 | 0.1183 | 0.0000 | 4.9586 |
| Condo/Townhouse | 1047.88 | 212.7102 | 12.5708 | 0.0000 | 526.9804 |
| Elementary School | 255.5 | 51.8642 | 3.0651 | 0.0000 | 128.4913 |
| Office Park | 216.33 | 43.9130 | 2.5952 | 0.0000 | 108.7927 |
| Single Family Housing | 5192.28 | 1,053.9859 | 62.2888 | 0.0000 | 2,611.2055 |
| Strip Mall | 882 | 179.0380 | 10.5808 | 0.0000 | 443.5591 |
| Total | | 1,543.5128 | 91.2190 | 0.0000 | 3,823.9877 |

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8.2 Waste by Land Use

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-------------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 7.395 | 1.5011 | 0.0887 | 0.0000 | 3.7190 |
| Condo/Townhouse | 785.91 | 159.5326 | 9.4281 | 0.0000 | 395.2353 |
| Elementary School | 191.625 | 38.8981 | 2.2988 | 0.0000 | 96.3685 |
| Office Park | 162.248 | 32.9348 | 1.9464 | 0.0000 | 81.5945 |
| Single Family Housing | 3894.21 | 790.4894 | 46.7166 | 0.0000 | 1,958.4041 |
| Strip Mall | 661.5 | 134.2785 | 7.9356 | 0.0000 | 332.6694 |
| Total | | 1,157.6346 | 68.4142 | 0.0000 | 2,867.9908 |

9.0 Operational Offroad

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

| Equipment Type | Number | Hours/Day | Hours/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|------------|-------------|-------------|-----------|
|----------------|--------|-----------|------------|-------------|-------------|-----------|

Boilers

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| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

User Defined Equipment

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

11.0 Vegetation

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**Village D Specific Plan - Phase II Operational
Madera County, Annual**

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-----------------------|----------|---------------|-------------|--------------------|------------|
| Office Park | 232.61 | 1000sqft | 29.69 | 232,610.00 | 0 |
| Elementary School | 1,400.00 | Student | 33.85 | 117,044.72 | 0 |
| Condo/Townhouse | 2,278.00 | Dwelling Unit | 269.32 | 2,278,000.00 | 6515 |
| Single Family Housing | 5,043.00 | Dwelling Unit | 618.87 | 9,077,400.00 | 14423 |
| Strip Mall | 840.00 | 1000sqft | 55.07 | 840,000.00 | 0 |
| City Park | 114.66 | Acre | 114.66 | 4,994,589.60 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|---------------------------------|--------------------------------|---------------------------------|-------|----------------------------------|-------|
| Urbanization | Rural | Wind Speed (m/s) | 2.9 | Precipitation Freq (Days) | 51 |
| Climate Zone | 3 | | | Operational Year | 2040 |
| Utility Company | Pacific Gas & Electric Company | | | | |
| CO2 Intensity (lb/MW hr) | 328.8 | CH4 Intensity (lb/MW hr) | 0.029 | N2O Intensity (lb/MW hr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

Village D Specific Plan - Phase II Operational - Madera County, Annual

Project Characteristics - CO2 intensity based on 5-year average (PG&E 2015)

Land Use - Based on land use summary

Construction Phase - Assuming operational by 2039

Vehicle Trips - Based on trip generation prepared for the proposed project

Construction Off-road Equipment Mitigation - Assuming Tier 2 construction equipment and compliance with SJVAPCD Rule 9510

Mobile Land Use Mitigation -

Mobile Commute Mitigation -

Area Mitigation -

Energy Mitigation - Assuming compliance with 2019 Title 24 improvements and assuming energy-efficient clothes washers, dishwashers, fans, and refrigerators in all residential units

Water Mitigation - Assuming installation of low low fixtures and appliances

Waste Mitigation - Assuming 25 percent reduction in waste disposed, consistent with the CalRecycle Waste Diversion and Recycling Mandate

| Table Name | Column Name | Default Value | New Value |
|------------------------|------------------------------|---------------|-----------|
| tblConstDustMitigation | WaterUnpavedRoadVehicleSpeed | 0 | 15 |
| tblConstructionPhase | NumDays | 6,000.00 | 2,610.00 |
| tblConstructionPhase | NumDays | 15,500.00 | 2,610.00 |
| tblConstructionPhase | NumDays | 155,000.00 | 2,610.00 |
| tblConstructionPhase | NumDays | 11,000.00 | 2,610.00 |
| tblConstructionPhase | NumDays | 11,000.00 | 2,610.00 |
| tblConstructionPhase | PhaseEndDate | 1/3/2053 | 1/3/2031 |
| tblConstructionPhase | PhaseEndDate | 6/3/2112 | 1/3/2031 |
| tblConstructionPhase | PhaseEndDate | 7/20/2706 | 1/3/2031 |
| tblConstructionPhase | PhaseEndDate | 9/17/2748 | 1/3/2031 |
| tblConstructionPhase | PhaseEndDate | 11/16/2790 | 1/3/2031 |
| tblConstructionPhase | PhaseStartDate | 1/7/2030 | 1/4/2021 |
| tblConstructionPhase | PhaseStartDate | 1/4/2053 | 1/4/2021 |
| tblConstructionPhase | PhaseStartDate | 6/4/2112 | 1/4/2021 |

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| | | | |
|---------------------------|--------------------|-----------|-----------|
| tblConstructionPhase | PhaseStartDate | 7/21/2706 | 1/4/2021 |
| tblConstructionPhase | PhaseStartDate | 9/18/2748 | 1/4/2021 |
| tblGrading | AcresOfGrading | 6,525.00 | 38,750.00 |
| tblLandUse | LotAcreage | 5.34 | 29.69 |
| tblLandUse | LotAcreage | 2.69 | 33.85 |
| tblLandUse | LotAcreage | 142.38 | 269.32 |
| tblLandUse | LotAcreage | 1,637.34 | 618.87 |
| tblLandUse | LotAcreage | 19.28 | 55.07 |
| tblProjectCharacteristics | CO2IntensityFactor | 641.35 | 328.8 |
| tblProjectCharacteristics | UrbanizationLevel | Urban | Rural |
| tblVehicleTrips | ST_TR | 5.67 | 0.00 |
| tblVehicleTrips | ST_TR | 1.64 | 0.00 |
| tblVehicleTrips | ST_TR | 9.91 | 9.18 |
| tblVehicleTrips | ST_TR | 42.04 | 0.00 |
| tblVehicleTrips | ST_TR | 22.75 | 0.00 |
| tblVehicleTrips | SU_TR | 4.84 | 0.00 |
| tblVehicleTrips | SU_TR | 0.76 | 0.00 |
| tblVehicleTrips | SU_TR | 8.62 | 9.18 |
| tblVehicleTrips | SU_TR | 20.43 | 0.00 |
| tblVehicleTrips | SU_TR | 16.74 | 0.00 |
| tblVehicleTrips | WD_TR | 5.81 | 0.00 |
| tblVehicleTrips | WD_TR | 1.29 | 0.00 |
| tblVehicleTrips | WD_TR | 11.42 | 0.00 |
| tblVehicleTrips | WD_TR | 9.52 | 9.18 |
| tblVehicleTrips | WD_TR | 44.32 | 0.00 |
| tblVehicleTrips | WD_TR | 1.89 | 0.00 |
| tblWoodstoves | NumberCatalytic | 269.32 | 142.38 |

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| | | | |
|---------------|--------------------|--------|----------|
| tblWoodstoves | NumberCatalytic | 618.87 | 1,637.34 |
| tblWoodstoves | NumberNoncatalytic | 269.32 | 142.38 |
| tblWoodstoves | NumberNoncatalytic | 618.87 | 1,637.34 |

2.0 Emissions Summary

Village D Specific Plan - Phase II Operational - Madera County, Annual

2.1 Overall Construction

Unmitigated Construction

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------------|-------------------------|---------------|---------------|-------------------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2021 | 19.1756 | 43.4818 | 57.0626 | 0.1944 | 36.6480 | 0.9064 | 37.5544 | 7.4198 | 0.8400 | 8.2598 | 0.0000 | 17,784.49 81 | 17,784.49 81 | 1.3190 | 0.0000 | 17,817.47 18 |
| 2022 | 18.4936 | 39.3947 | 52.5489 | 0.1897 | 36.6480 | 0.7572 | 37.4052 | 7.4198 | 0.7019 | 8.1217 | 0.0000 | 17,361.96 30 | 17,361.96 30 | 1.2782 | 0.0000 | 17,393.91 84 |
| 2023 | 17.7777 | 32.2340 | 48.1571 | 0.1841 | 36.6480 | 0.6149 | 37.2629 | 7.4198 | 0.5690 | 7.9888 | 0.0000 | 16,851.99 90 | 16,851.99 90 | 1.1075 | 0.0000 | 16,879.68 57 |
| 2024 | 17.5575 | 31.5144 | 46.0776 | 0.1830 | 36.7719 | 0.5859 | 37.3577 | 7.4598 | 0.5419 | 8.0018 | 0.0000 | 16,753.78 24 | 16,753.78 24 | 1.1121 | 0.0000 | 16,781.58 58 |
| 2025 | 17.0973 | 29.8939 | 42.8343 | 0.1777 | 36.7099 | 0.5173 | 37.2273 | 7.4398 | 0.4785 | 7.9183 | 0.0000 | 16,274.91 21 | 16,274.91 21 | 1.1029 | 0.0000 | 16,302.48 53 |
| 2026 | 16.8624 | 29.5441 | 41.1149 | 0.1762 | 36.7099 | 0.5183 | 37.2282 | 7.4398 | 0.4794 | 7.9192 | 0.0000 | 16,137.07 97 | 16,137.07 97 | 1.0965 | 0.0000 | 16,164.49 29 |
| 2027 | 16.6140 | 29.1908 | 39.0387 | 0.1725 | 36.7099 | 0.5138 | 37.2237 | 7.4398 | 0.4752 | 7.9150 | 0.0000 | 15,801.61 23 | 15,801.61 23 | 1.0785 | 0.0000 | 15,828.57 48 |
| 2028 | 16.2873 | 28.7840 | 37.0609 | 0.1686 | 36.6480 | 0.5061 | 37.1541 | 7.4198 | 0.4681 | 7.8880 | 0.0000 | 15,448.39 68 | 15,448.39 68 | 1.0580 | 0.0000 | 15,474.84 63 |
| 2029 | 16.0852 | 28.6157 | 35.5059 | 0.1664 | 36.7100 | 0.5028 | 37.2127 | 7.4398 | 0.4651 | 7.9049 | 0.0000 | 15,248.43 75 | 15,248.43 75 | 1.0446 | 0.0000 | 15,274.55 26 |
| 2030 | 15.9110 | 24.1937 | 33.4995 | 0.1672 | 36.7100 | 0.2641 | 36.9740 | 7.4398 | 0.2583 | 7.6982 | 0.0000 | 15,343.54 80 | 15,343.54 80 | 0.5902 | 0.0000 | 15,358.30 32 |
| 2031 | 0.1797 | 0.2755 | 0.3683 | 1.9000e-003 | 20.7330 | 2.9800e-003 | 20.7360 | 2.2786 | 2.9200e-003 | 2.2816 | 0.0000 | 174.0988 | 174.0988 | 6.6300e-003 | 0.0000 | 174.2645 |
| Maximum | 19.1756 | 43.4818 | 57.0626 | 0.1944 | 36.7719 | 0.9064 | 37.5544 | 7.4598 | 0.8400 | 8.2598 | 0.0000 | 17,784.49 81 | 17,784.49 81 | 1.3190 | 0.0000 | 17,817.47 18 |

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| Quarter | Start Date | End Date | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|-----------|--|--|
| 1 | 1-7-2030 | 4-6-2030 | 9.9614 | 9.9614 |
| 2 | 4-7-2030 | 7-6-2030 | 9.9988 | 9.9988 |
| 3 | 7-7-2030 | 10-6-2030 | 10.1139 | 10.1139 |
| 4 | 10-7-2030 | 1-6-2031 | 9.8513 | 9.8513 |
| | | Highest | 10.1139 | 10.1139 |

2.2 Overall Operational

Unmitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|-----------------|-----------------|-----------------|---------------|----------------|----------------|-----------------|----------------|----------------|----------------|-------------------|--------------------|---------------------|-----------------|---------------|---------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 98.7381 | 8.7368 | 384.6946 | 1.0950 | | 54.2563 | 54.2563 | | 54.2563 | 54.2563 | 7,194.9148 | 3,260.3525 | 10,455.2673 | 33.7802 | 0.0581 | 11,317.0991 |
| Energy | 1.0245 | 8.8057 | 4.0971 | 0.0559 | | 0.7079 | 0.7079 | | 0.7079 | 0.7079 | 0.0000 | 20,147.7526 | 20,147.7526 | 1.0771 | 0.3685 | 20,284.4996 |
| Mobile | 9.1378 | 99.6338 | 104.7421 | 0.7536 | 64.9569 | 0.2936 | 65.2505 | 17.4201 | 0.2748 | 17.6948 | 0.0000 | 70,137.9336 | 70,137.9336 | 3.4073 | 0.0000 | 70,223.1169 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 1,543.5128 | 0.0000 | 1,543.5128 | 91.2190 | 0.0000 | 3,823.9877 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 185.2604 | 737.2209 | 922.4814 | 19.0931 | 0.4628 | 1,537.7058 |
| Total | 108.9004 | 117.1763 | 493.5338 | 1.9045 | 64.9569 | 55.2577 | 120.2146 | 17.4201 | 55.2389 | 72.6589 | 8,923.6881 | 94,283.2596 | 103,206.9477 | 148.5767 | 0.8894 | 107,186.4090 |

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2.2 Overall Operational

Mitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|-----------------|-----------------|-----------------|---------------|----------------|----------------|-----------------|----------------|----------------|----------------|-------------------|--------------------|---------------------|-----------------|---------------|---------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 98.7381 | 8.7368 | 384.6946 | 1.0950 | | 54.2563 | 54.2563 | | 54.2563 | 54.2563 | 7,194.9148 | 3,260.3525 | 10,455.2673 | 33.7802 | 0.0581 | 11,317.0991 |
| Energy | 0.9639 | 8.2846 | 3.8539 | 0.0526 | | 0.6660 | 0.6660 | | 0.6660 | 0.6660 | 0.0000 | 19,277.3025 | 19,277.3025 | 1.0417 | 0.3526 | 19,408.4167 |
| Mobile | 9.1126 | 99.4806 | 104.3227 | 0.7505 | 64.6545 | 0.2924 | 64.9468 | 17.3390 | 0.2736 | 17.6126 | 0.0000 | 69,854.6998 | 69,854.6998 | 3.4019 | 0.0000 | 69,939.7482 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 1,157.6346 | 0.0000 | 1,157.6346 | 68.4143 | 0.0000 | 2,867.9908 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 148.2084 | 642.9710 | 791.1794 | 15.2791 | 0.3712 | 1,283.7655 |
| Total | 108.8146 | 116.5020 | 492.8711 | 1.8981 | 64.6545 | 55.2146 | 119.8691 | 17.3390 | 55.1958 | 72.5348 | 8,500.7578 | 93,035.3258 | 101,536.0836 | 121.9172 | 0.7819 | 104,817.0202 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------|------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|-------|-------|------|
| Percent Reduction | 0.08 | 0.58 | 0.13 | 0.33 | 0.47 | 0.08 | 0.29 | 0.47 | 0.08 | 0.17 | 4.74 | 1.32 | 1.62 | 17.94 | 12.09 | 2.21 |

3.0 Construction Detail

Construction Phase

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| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|----------|---------------|----------|-------------------|
| 1 | Site Preparation | Site Preparation | 1/4/2021 | 1/3/2031 | 5 | 2610 | |
| 2 | Grading | Grading | 1/4/2021 | 1/3/2031 | 5 | 2610 | |
| 3 | Building Construction | Building Construction | 1/4/2021 | 1/3/2031 | 5 | 2610 | |
| 4 | Paving | Paving | 1/4/2021 | 1/3/2031 | 5 | 2610 | |
| 5 | Architectural Coating | Architectural Coating | 1/4/2021 | 1/3/2031 | 5 | 2610 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 38750

Acres of Paving: 0

Residential Indoor: 22,994,685; Residential Outdoor: 7,664,895; Non-Residential Indoor: 1,784,482; Non-Residential Outdoor: 594,827; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

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| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Site Preparation | Rubber Tired Dozers | 3 | 8.00 | 247 | 0.40 |
| Site Preparation | Tractors/Loaders/Backhoes | 4 | 8.00 | 97 | 0.37 |
| Grading | Excavators | 2 | 8.00 | 158 | 0.38 |
| Grading | Graders | 1 | 8.00 | 187 | 0.41 |
| Grading | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Grading | Scrapers | 2 | 8.00 | 367 | 0.48 |
| Grading | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Building Construction | Cranes | 1 | 7.00 | 231 | 0.29 |
| Building Construction | Forklifts | 3 | 8.00 | 89 | 0.20 |
| Building Construction | Generator Sets | 1 | 8.00 | 84 | 0.74 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97 | 0.37 |
| Building Construction | Welders | 1 | 8.00 | 46 | 0.45 |
| Paving | Pavers | 2 | 8.00 | 130 | 0.42 |
| Paving | Paving Equipment | 2 | 8.00 | 132 | 0.36 |
| Paving | Rollers | 2 | 8.00 | 80 | 0.38 |
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 5,946.00 | 1,796.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 1,189.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |

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3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3486 | 0.0000 | 2.3486 | 1.2910 | 0.0000 | 1.2910 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | | 0.2658 | 0.2658 | | 0.2445 | 0.2445 | 0.0000 | 434.6643 | 434.6643 | 0.1406 | 0.0000 | 438.1788 |
| Total | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | 2.3486 | 0.2658 | 2.6144 | 1.2910 | 0.2445 | 1.5355 | 0.0000 | 434.6643 | 434.6643 | 0.1406 | 0.0000 | 438.1788 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

3.2 Site Preparation - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |
| Total | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0569 | 0.0000 | 1.0569 | 0.5809 | 0.0000 | 0.5809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | | 0.2658 | 0.2658 | | 0.2445 | 0.2445 | 0.0000 | 434.6638 | 434.6638 | 0.1406 | 0.0000 | 438.1783 |
| Total | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | 1.0569 | 0.2658 | 1.3227 | 0.5809 | 0.2445 | 0.8255 | 0.0000 | 434.6638 | 434.6638 | 0.1406 | 0.0000 | 438.1783 |

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3.2 Site Preparation - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |
| Total | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |

3.2 Site Preparation - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3486 | 0.0000 | 2.3486 | 1.2910 | 0.0000 | 1.2910 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4121 | 4.3009 | 2.5607 | 4.9500e-003 | | 0.2096 | 0.2096 | | 0.1929 | 0.1929 | 0.0000 | 434.7121 | 434.7121 | 0.1406 | 0.0000 | 438.2270 |
| Total | 0.4121 | 4.3009 | 2.5607 | 4.9500e-003 | 2.3486 | 0.2096 | 2.5582 | 1.2910 | 0.1929 | 1.4839 | 0.0000 | 434.7121 | 434.7121 | 0.1406 | 0.0000 | 438.2270 |

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3.2 Site Preparation - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0126 | 8.2400e-003 | 0.0921 | 2.7000e-004 | 0.0290 | 2.1000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.9000e-003 | 0.0000 | 24.6904 | 24.6904 | 6.5000e-004 | 0.0000 | 24.7067 |
| Total | 0.0126 | 8.2400e-003 | 0.0921 | 2.7000e-004 | 0.0290 | 2.1000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.9000e-003 | 0.0000 | 24.6904 | 24.6904 | 6.5000e-004 | 0.0000 | 24.7067 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0569 | 0.0000 | 1.0569 | 0.5809 | 0.0000 | 0.5809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4121 | 4.3009 | 2.5607 | 4.9500e-003 | | 0.2096 | 0.2096 | | 0.1929 | 0.1929 | 0.0000 | 434.7116 | 434.7116 | 0.1406 | 0.0000 | 438.2264 |
| Total | 0.4121 | 4.3009 | 2.5607 | 4.9500e-003 | 1.0569 | 0.2096 | 1.2665 | 0.5809 | 0.1929 | 0.7738 | 0.0000 | 434.7116 | 434.7116 | 0.1406 | 0.0000 | 438.2264 |

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3.2 Site Preparation - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0126 | 8.2400e-003 | 0.0921 | 2.7000e-004 | 0.0290 | 2.1000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.9000e-003 | 0.0000 | 24.6904 | 24.6904 | 6.5000e-004 | 0.0000 | 24.7067 |
| Total | 0.0126 | 8.2400e-003 | 0.0921 | 2.7000e-004 | 0.0290 | 2.1000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.9000e-003 | 0.0000 | 24.6904 | 24.6904 | 6.5000e-004 | 0.0000 | 24.7067 |

3.2 Site Preparation - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3486 | 0.0000 | 2.3486 | 1.2910 | 0.0000 | 1.2910 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3457 | 3.5781 | 2.3718 | 4.9500e-003 | | 0.1646 | 0.1646 | | 0.1514 | 0.1514 | 0.0000 | 434.8591 | 434.8591 | 0.1406 | 0.0000 | 438.3751 |
| Total | 0.3457 | 3.5781 | 2.3718 | 4.9500e-003 | 2.3486 | 0.1646 | 2.5132 | 1.2910 | 0.1514 | 1.4424 | 0.0000 | 434.8591 | 434.8591 | 0.1406 | 0.0000 | 438.3751 |

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3.2 Site Preparation - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0117 | 7.3700e-003 | 0.0842 | 2.6000e-004 | 0.0290 | 2.0000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.8900e-003 | 0.0000 | 23.7569 | 23.7569 | 5.8000e-004 | 0.0000 | 23.7714 |
| Total | 0.0117 | 7.3700e-003 | 0.0842 | 2.6000e-004 | 0.0290 | 2.0000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.8900e-003 | 0.0000 | 23.7569 | 23.7569 | 5.8000e-004 | 0.0000 | 23.7714 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0569 | 0.0000 | 1.0569 | 0.5809 | 0.0000 | 0.5809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3457 | 3.5781 | 2.3718 | 4.9500e-003 | | 0.1646 | 0.1646 | | 0.1514 | 0.1514 | 0.0000 | 434.8585 | 434.8585 | 0.1406 | 0.0000 | 438.3746 |
| Total | 0.3457 | 3.5781 | 2.3718 | 4.9500e-003 | 1.0569 | 0.1646 | 1.2215 | 0.5809 | 0.1514 | 0.7324 | 0.0000 | 434.8585 | 434.8585 | 0.1406 | 0.0000 | 438.3746 |

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3.2 Site Preparation - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0117 | 7.3700e-003 | 0.0842 | 2.6000e-004 | 0.0290 | 2.0000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.8900e-003 | 0.0000 | 23.7569 | 23.7569 | 5.8000e-004 | 0.0000 | 23.7714 |
| Total | 0.0117 | 7.3700e-003 | 0.0842 | 2.6000e-004 | 0.0290 | 2.0000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.8900e-003 | 0.0000 | 23.7569 | 23.7569 | 5.8000e-004 | 0.0000 | 23.7714 |

3.2 Site Preparation - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3667 | 0.0000 | 2.3667 | 1.3009 | 0.0000 | 1.3009 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3486 | 3.5601 | 2.4020 | 4.9900e-003 | | 0.1610 | 0.1610 | | 0.1482 | 0.1482 | 0.0000 | 438.2875 | 438.2875 | 0.1418 | 0.0000 | 441.8313 |
| Total | 0.3486 | 3.5601 | 2.4020 | 4.9900e-003 | 2.3667 | 0.1610 | 2.5277 | 1.3009 | 0.1482 | 1.4491 | 0.0000 | 438.2875 | 438.2875 | 0.1418 | 0.0000 | 441.8313 |

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3.2 Site Preparation - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0111 | 6.7400e-003 | 0.0798 | 2.6000e-004 | 0.0292 | 2.1000e-004 | 0.0294 | 7.7600e-003 | 1.9000e-004 | 7.9500e-003 | 0.0000 | 23.4800 | 23.4800 | 5.5000e-004 | 0.0000 | 23.4936 |
| Total | 0.0111 | 6.7400e-003 | 0.0798 | 2.6000e-004 | 0.0292 | 2.1000e-004 | 0.0294 | 7.7600e-003 | 1.9000e-004 | 7.9500e-003 | 0.0000 | 23.4800 | 23.4800 | 5.5000e-004 | 0.0000 | 23.4936 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0650 | 0.0000 | 1.0650 | 0.5854 | 0.0000 | 0.5854 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3486 | 3.5601 | 2.4020 | 4.9900e-003 | | 0.1610 | 0.1610 | | 0.1482 | 0.1482 | 0.0000 | 438.2870 | 438.2870 | 0.1418 | 0.0000 | 441.8308 |
| Total | 0.3486 | 3.5601 | 2.4020 | 4.9900e-003 | 1.0650 | 0.1610 | 1.2261 | 0.5854 | 0.1482 | 0.7336 | 0.0000 | 438.2870 | 438.2870 | 0.1418 | 0.0000 | 441.8308 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

3.2 Site Preparation - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0111 | 6.7400e-003 | 0.0798 | 2.6000e-004 | 0.0292 | 2.1000e-004 | 0.0294 | 7.7600e-003 | 1.9000e-004 | 7.9500e-003 | 0.0000 | 23.4800 | 23.4800 | 5.5000e-004 | 0.0000 | 23.4936 |
| Total | 0.0111 | 6.7400e-003 | 0.0798 | 2.6000e-004 | 0.0292 | 2.1000e-004 | 0.0294 | 7.7600e-003 | 1.9000e-004 | 7.9500e-003 | 0.0000 | 23.4800 | 23.4800 | 5.5000e-004 | 0.0000 | 23.4936 |

3.2 Site Preparation - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3577 | 0.0000 | 2.3577 | 1.2960 | 0.0000 | 1.2960 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 2.3577 | 0.1418 | 2.4995 | 1.2960 | 0.1305 | 1.4264 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |

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3.2 Site Preparation - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0103 | 6.0700e-003 | 0.0733 | 2.5000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.4519 | 22.4519 | 4.9000e-004 | 0.0000 | 22.4641 |
| Total | 0.0103 | 6.0700e-003 | 0.0733 | 2.5000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.4519 | 22.4519 | 4.9000e-004 | 0.0000 | 22.4641 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0609 | 0.0000 | 1.0609 | 0.5832 | 0.0000 | 0.5832 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 1.0609 | 0.1418 | 1.2028 | 0.5832 | 0.1305 | 0.7137 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

3.2 Site Preparation - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0103 | 6.0700e-003 | 0.0733 | 2.5000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.4519 | 22.4519 | 4.9000e-004 | 0.0000 | 22.4641 |
| Total | 0.0103 | 6.0700e-003 | 0.0733 | 2.5000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.4519 | 22.4519 | 4.9000e-004 | 0.0000 | 22.4641 |

3.2 Site Preparation - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3577 | 0.0000 | 2.3577 | 1.2960 | 0.0000 | 1.2960 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 2.3577 | 0.1418 | 2.4995 | 1.2960 | 0.1305 | 1.4264 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |

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3.2 Site Preparation - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.7600e-003 | 5.6000e-003 | 0.0694 | 2.5000e-004 | 0.0291 | 2.1000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.1999 | 22.1999 | 4.7000e-004 | 0.0000 | 22.2115 |
| Total | 9.7600e-003 | 5.6000e-003 | 0.0694 | 2.5000e-004 | 0.0291 | 2.1000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.1999 | 22.1999 | 4.7000e-004 | 0.0000 | 22.2115 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0609 | 0.0000 | 1.0609 | 0.5832 | 0.0000 | 0.5832 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 1.0609 | 0.1418 | 1.2028 | 0.5832 | 0.1305 | 0.7137 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

3.2 Site Preparation - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.7600e-003 | 5.6000e-003 | 0.0694 | 2.5000e-004 | 0.0291 | 2.1000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.1999 | 22.1999 | 4.7000e-004 | 0.0000 | 22.2115 |
| Total | 9.7600e-003 | 5.6000e-003 | 0.0694 | 2.5000e-004 | 0.0291 | 2.1000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.1999 | 22.1999 | 4.7000e-004 | 0.0000 | 22.2115 |

3.2 Site Preparation - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3577 | 0.0000 | 2.3577 | 1.2960 | 0.0000 | 1.2960 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 2.3577 | 0.1418 | 2.4995 | 1.2960 | 0.1305 | 1.4264 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |

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3.2 Site Preparation - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.1700e-003 | 5.1100e-003 | 0.0646 | 2.4000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.8000e-004 | 7.9100e-003 | 0.0000 | 21.4404 | 21.4404 | 4.2000e-004 | 0.0000 | 21.4509 |
| Total | 9.1700e-003 | 5.1100e-003 | 0.0646 | 2.4000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.8000e-004 | 7.9100e-003 | 0.0000 | 21.4404 | 21.4404 | 4.2000e-004 | 0.0000 | 21.4509 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0609 | 0.0000 | 1.0609 | 0.5832 | 0.0000 | 0.5832 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 1.0609 | 0.1418 | 1.2028 | 0.5832 | 0.1305 | 0.7137 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |

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3.2 Site Preparation - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.1700e-003 | 5.1100e-003 | 0.0646 | 2.4000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.8000e-004 | 7.9100e-003 | 0.0000 | 21.4404 | 21.4404 | 4.2000e-004 | 0.0000 | 21.4509 |
| Total | 9.1700e-003 | 5.1100e-003 | 0.0646 | 2.4000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.8000e-004 | 7.9100e-003 | 0.0000 | 21.4404 | 21.4404 | 4.2000e-004 | 0.0000 | 21.4509 |

3.2 Site Preparation - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3486 | 0.0000 | 2.3486 | 1.2910 | 0.0000 | 1.2910 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3215 | 3.2804 | 2.3285 | 4.9500e-003 | | 0.1413 | 0.1413 | | 0.1300 | 0.1300 | 0.0000 | 435.0708 | 435.0708 | 0.1407 | 0.0000 | 438.5886 |
| Total | 0.3215 | 3.2804 | 2.3285 | 4.9500e-003 | 2.3486 | 0.1413 | 2.4899 | 1.2910 | 0.1300 | 1.4210 | 0.0000 | 435.0708 | 435.0708 | 0.1407 | 0.0000 | 438.5886 |

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3.2 Site Preparation - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.5000e-003 | 4.6500e-003 | 0.0601 | 2.3000e-004 | 0.0290 | 1.8000e-004 | 0.0292 | 7.7000e-003 | 1.7000e-004 | 7.8700e-003 | 0.0000 | 20.6890 | 20.6890 | 3.8000e-004 | 0.0000 | 20.6986 |
| Total | 8.5000e-003 | 4.6500e-003 | 0.0601 | 2.3000e-004 | 0.0290 | 1.8000e-004 | 0.0292 | 7.7000e-003 | 1.7000e-004 | 7.8700e-003 | 0.0000 | 20.6890 | 20.6890 | 3.8000e-004 | 0.0000 | 20.6986 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0569 | 0.0000 | 1.0569 | 0.5809 | 0.0000 | 0.5809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3215 | 3.2804 | 2.3285 | 4.9500e-003 | | 0.1413 | 0.1413 | | 0.1300 | 0.1300 | 0.0000 | 435.0703 | 435.0703 | 0.1407 | 0.0000 | 438.5881 |
| Total | 0.3215 | 3.2804 | 2.3285 | 4.9500e-003 | 1.0569 | 0.1413 | 1.1982 | 0.5809 | 0.1300 | 0.7109 | 0.0000 | 435.0703 | 435.0703 | 0.1407 | 0.0000 | 438.5881 |

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3.2 Site Preparation - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.5000e-003 | 4.6500e-003 | 0.0601 | 2.3000e-004 | 0.0290 | 1.8000e-004 | 0.0292 | 7.7000e-003 | 1.7000e-004 | 7.8700e-003 | 0.0000 | 20.6890 | 20.6890 | 3.8000e-004 | 0.0000 | 20.6986 |
| Total | 8.5000e-003 | 4.6500e-003 | 0.0601 | 2.3000e-004 | 0.0290 | 1.8000e-004 | 0.0292 | 7.7000e-003 | 1.7000e-004 | 7.8700e-003 | 0.0000 | 20.6890 | 20.6890 | 3.8000e-004 | 0.0000 | 20.6986 |

3.2 Site Preparation - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3577 | 0.0000 | 2.3577 | 1.2960 | 0.0000 | 1.2960 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 2.3577 | 0.1418 | 2.4995 | 1.2960 | 0.1305 | 1.4264 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

3.2 Site Preparation - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.8900e-003 | 4.2700e-003 | 0.0563 | 2.2000e-004 | 0.0291 | 1.7000e-004 | 0.0293 | 7.7300e-003 | 1.6000e-004 | 7.8900e-003 | 0.0000 | 20.1754 | 20.1754 | 3.5000e-004 | 0.0000 | 20.1842 |
| Total | 7.8900e-003 | 4.2700e-003 | 0.0563 | 2.2000e-004 | 0.0291 | 1.7000e-004 | 0.0293 | 7.7300e-003 | 1.6000e-004 | 7.8900e-003 | 0.0000 | 20.1754 | 20.1754 | 3.5000e-004 | 0.0000 | 20.1842 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0609 | 0.0000 | 1.0609 | 0.5832 | 0.0000 | 0.5832 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 1.0609 | 0.1418 | 1.2028 | 0.5832 | 0.1305 | 0.7137 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

3.2 Site Preparation - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.8900e-003 | 4.2700e-003 | 0.0563 | 2.2000e-004 | 0.0291 | 1.7000e-004 | 0.0293 | 7.7300e-003 | 1.6000e-004 | 7.8900e-003 | 0.0000 | 20.1754 | 20.1754 | 3.5000e-004 | 0.0000 | 20.1842 |
| Total | 7.8900e-003 | 4.2700e-003 | 0.0563 | 2.2000e-004 | 0.0291 | 1.7000e-004 | 0.0293 | 7.7300e-003 | 1.6000e-004 | 7.8900e-003 | 0.0000 | 20.1754 | 20.1754 | 3.5000e-004 | 0.0000 | 20.1842 |

3.2 Site Preparation - 2030

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3577 | 0.0000 | 2.3577 | 1.2960 | 0.0000 | 1.2960 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3184 | 1.7837 | 2.1261 | 6.0800e-003 | | 0.0570 | 0.0570 | | 0.0570 | 0.0570 | 0.0000 | 522.0602 | 522.0602 | 0.0258 | 0.0000 | 522.7042 |
| Total | 0.3184 | 1.7837 | 2.1261 | 6.0800e-003 | 2.3577 | 0.0570 | 2.4146 | 1.2960 | 0.0570 | 1.3529 | 0.0000 | 522.0602 | 522.0602 | 0.0258 | 0.0000 | 522.7042 |

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3.2 Site Preparation - 2030

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.2400e-003 | 3.9000e-003 | 0.0527 | 2.2000e-004 | 0.0291 | 1.6000e-004 | 0.0293 | 7.7300e-003 | 1.4000e-004 | 7.8800e-003 | 0.0000 | 19.6515 | 19.6515 | 3.2000e-004 | 0.0000 | 19.6595 |
| Total | 7.2400e-003 | 3.9000e-003 | 0.0527 | 2.2000e-004 | 0.0291 | 1.6000e-004 | 0.0293 | 7.7300e-003 | 1.4000e-004 | 7.8800e-003 | 0.0000 | 19.6515 | 19.6515 | 3.2000e-004 | 0.0000 | 19.6595 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0609 | 0.0000 | 1.0609 | 0.5832 | 0.0000 | 0.5832 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3184 | 1.7837 | 2.1261 | 6.0800e-003 | | 0.0570 | 0.0570 | | 0.0570 | 0.0570 | 0.0000 | 522.0596 | 522.0596 | 0.0258 | 0.0000 | 522.7036 |
| Total | 0.3184 | 1.7837 | 2.1261 | 6.0800e-003 | 1.0609 | 0.0570 | 1.1179 | 0.5832 | 0.0570 | 0.6402 | 0.0000 | 522.0596 | 522.0596 | 0.0258 | 0.0000 | 522.7036 |

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3.2 Site Preparation - 2030

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.2400e-003 | 3.9000e-003 | 0.0527 | 2.2000e-004 | 0.0291 | 1.6000e-004 | 0.0293 | 7.7300e-003 | 1.4000e-004 | 7.8800e-003 | 0.0000 | 19.6515 | 19.6515 | 3.2000e-004 | 0.0000 | 19.6595 |
| Total | 7.2400e-003 | 3.9000e-003 | 0.0527 | 2.2000e-004 | 0.0291 | 1.6000e-004 | 0.0293 | 7.7300e-003 | 1.4000e-004 | 7.8800e-003 | 0.0000 | 19.6515 | 19.6515 | 3.2000e-004 | 0.0000 | 19.6595 |

3.2 Site Preparation - 2031

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.0271 | 0.0000 | 0.0271 | 0.0149 | 0.0000 | 0.0149 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 3.6600e-003 | 0.0205 | 0.0244 | 7.0000e-005 | | 6.5000e-004 | 6.5000e-004 | | 6.5000e-004 | 6.5000e-004 | 0.0000 | 6.0007 | 6.0007 | 3.0000e-004 | 0.0000 | 6.0081 |
| Total | 3.6600e-003 | 0.0205 | 0.0244 | 7.0000e-005 | 0.0271 | 6.5000e-004 | 0.0278 | 0.0149 | 6.5000e-004 | 0.0156 | 0.0000 | 6.0007 | 6.0007 | 3.0000e-004 | 0.0000 | 6.0081 |

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3.2 Site Preparation - 2031

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0000e-005 | 4.0000e-005 | 5.7000e-004 | 0.0000 | 3.3000e-004 | 0.0000 | 3.4000e-004 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 0.0000 | 0.2206 | 0.2206 | 0.0000 | 0.0000 | 0.2207 |
| Total | 8.0000e-005 | 4.0000e-005 | 5.7000e-004 | 0.0000 | 3.3000e-004 | 0.0000 | 3.4000e-004 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 0.0000 | 0.2206 | 0.2206 | 0.0000 | 0.0000 | 0.2207 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.0122 | 0.0000 | 0.0122 | 6.7000e-003 | 0.0000 | 6.7000e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 3.6600e-003 | 0.0205 | 0.0244 | 7.0000e-005 | | 6.5000e-004 | 6.5000e-004 | | 6.5000e-004 | 6.5000e-004 | 0.0000 | 6.0007 | 6.0007 | 3.0000e-004 | 0.0000 | 6.0081 |
| Total | 3.6600e-003 | 0.0205 | 0.0244 | 7.0000e-005 | 0.0122 | 6.5000e-004 | 0.0128 | 6.7000e-003 | 6.5000e-004 | 7.3500e-003 | 0.0000 | 6.0007 | 6.0007 | 3.0000e-004 | 0.0000 | 6.0081 |

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3.2 Site Preparation - 2031

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0000e-005 | 4.0000e-005 | 5.7000e-004 | 0.0000 | 3.3000e-004 | 0.0000 | 3.4000e-004 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 0.0000 | 0.2206 | 0.2206 | 0.0000 | 0.0000 | 0.2207 |
| Total | 8.0000e-005 | 4.0000e-005 | 5.7000e-004 | 0.0000 | 3.3000e-004 | 0.0000 | 3.4000e-004 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 0.0000 | 0.2206 | 0.2206 | 0.0000 | 0.0000 | 0.2207 |

3.3 Grading - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3301 | 0.0000 | 21.3301 | 2.6489 | 0.0000 | 2.6489 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | | 0.2581 | 0.2581 | | 0.2375 | 0.2375 | 0.0000 | 708.4348 | 708.4348 | 0.2291 | 0.0000 | 714.1628 |
| Total | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | 21.3301 | 0.2581 | 21.5882 | 2.6489 | 0.2375 | 2.8864 | 0.0000 | 708.4348 | 708.4348 | 0.2291 | 0.0000 | 714.1628 |

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3.3 Grading - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |
| Total | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5985 | 0.0000 | 9.5985 | 1.1920 | 0.0000 | 1.1920 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | | 0.2581 | 0.2581 | | 0.2375 | 0.2375 | 0.0000 | 708.4339 | 708.4339 | 0.2291 | 0.0000 | 714.1620 |
| Total | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | 9.5985 | 0.2581 | 9.8566 | 1.1920 | 0.2375 | 1.4295 | 0.0000 | 708.4339 | 708.4339 | 0.2291 | 0.0000 | 714.1620 |

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3.3 Grading - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |
| Total | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |

3.3 Grading - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3301 | 0.0000 | 21.3301 | 2.6489 | 0.0000 | 2.6489 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4712 | 5.0497 | 3.7754 | 8.0700e-003 | | 0.2125 | 0.2125 | | 0.1955 | 0.1955 | 0.0000 | 708.9498 | 708.9498 | 0.2293 | 0.0000 | 714.6820 |
| Total | 0.4712 | 5.0497 | 3.7754 | 8.0700e-003 | 21.3301 | 0.2125 | 21.5426 | 2.6489 | 0.1955 | 2.8445 | 0.0000 | 708.9498 | 708.9498 | 0.2293 | 0.0000 | 714.6820 |

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3.3 Grading - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0140 | 9.1500e-003 | 0.1024 | 3.0000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7700e-003 | 0.0000 | 27.4338 | 27.4338 | 7.2000e-004 | 0.0000 | 27.4519 |
| Total | 0.0140 | 9.1500e-003 | 0.1024 | 3.0000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7700e-003 | 0.0000 | 27.4338 | 27.4338 | 7.2000e-004 | 0.0000 | 27.4519 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5985 | 0.0000 | 9.5985 | 1.1920 | 0.0000 | 1.1920 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4712 | 5.0497 | 3.7754 | 8.0700e-003 | | 0.2125 | 0.2125 | | 0.1955 | 0.1955 | 0.0000 | 708.9490 | 708.9490 | 0.2293 | 0.0000 | 714.6812 |
| Total | 0.4712 | 5.0497 | 3.7754 | 8.0700e-003 | 9.5985 | 0.2125 | 9.8111 | 1.1920 | 0.1955 | 1.3876 | 0.0000 | 708.9490 | 708.9490 | 0.2293 | 0.0000 | 714.6812 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

3.3 Grading - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0140 | 9.1500e-003 | 0.1024 | 3.0000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7700e-003 | 0.0000 | 27.4338 | 27.4338 | 7.2000e-004 | 0.0000 | 27.4519 |
| Total | 0.0140 | 9.1500e-003 | 0.1024 | 3.0000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7700e-003 | 0.0000 | 27.4338 | 27.4338 | 7.2000e-004 | 0.0000 | 27.4519 |

3.3 Grading - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3301 | 0.0000 | 21.3301 | 2.6489 | 0.0000 | 2.6489 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4318 | 4.4870 | 3.6467 | 8.0700e-003 | | 0.1852 | 0.1852 | | 0.1704 | 0.1704 | 0.0000 | 708.9577 | 708.9577 | 0.2293 | 0.0000 | 714.6900 |
| Total | 0.4318 | 4.4870 | 3.6467 | 8.0700e-003 | 21.3301 | 0.1852 | 21.5153 | 2.6489 | 0.1704 | 2.8193 | 0.0000 | 708.9577 | 708.9577 | 0.2293 | 0.0000 | 714.6900 |

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3.3 Grading - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0130 | 8.1900e-003 | 0.0936 | 2.9000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.1000e-004 | 8.7700e-003 | 0.0000 | 26.3965 | 26.3965 | 6.5000e-004 | 0.0000 | 26.4127 |
| Total | 0.0130 | 8.1900e-003 | 0.0936 | 2.9000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.1000e-004 | 8.7700e-003 | 0.0000 | 26.3965 | 26.3965 | 6.5000e-004 | 0.0000 | 26.4127 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5985 | 0.0000 | 9.5985 | 1.1920 | 0.0000 | 1.1920 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4318 | 4.4870 | 3.6467 | 8.0700e-003 | | 0.1852 | 0.1852 | | 0.1704 | 0.1704 | 0.0000 | 708.9569 | 708.9569 | 0.2293 | 0.0000 | 714.6891 |
| Total | 0.4318 | 4.4870 | 3.6467 | 8.0700e-003 | 9.5985 | 0.1852 | 9.7837 | 1.1920 | 0.1704 | 1.3624 | 0.0000 | 708.9569 | 708.9569 | 0.2293 | 0.0000 | 714.6891 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

3.3 Grading - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0130 | 8.1900e-003 | 0.0936 | 2.9000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.1000e-004 | 8.7700e-003 | 0.0000 | 26.3965 | 26.3965 | 6.5000e-004 | 0.0000 | 26.4127 |
| Total | 0.0130 | 8.1900e-003 | 0.0936 | 2.9000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.1000e-004 | 8.7700e-003 | 0.0000 | 26.3965 | 26.3965 | 6.5000e-004 | 0.0000 | 26.4127 |

3.3 Grading - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3361 | 0.0000 | 21.3361 | 2.6523 | 0.0000 | 2.6523 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4216 | 4.2414 | 3.6317 | 8.1300e-003 | | 0.1749 | 0.1749 | | 0.1609 | 0.1609 | 0.0000 | 714.2058 | 714.2058 | 0.2310 | 0.0000 | 719.9805 |
| Total | 0.4216 | 4.2414 | 3.6317 | 8.1300e-003 | 21.3361 | 0.1749 | 21.5110 | 2.6523 | 0.1609 | 2.8132 | 0.0000 | 714.2058 | 714.2058 | 0.2310 | 0.0000 | 719.9805 |

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3.3 Grading - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0123 | 7.4900e-003 | 0.0887 | 2.9000e-004 | 0.0325 | 2.3000e-004 | 0.0327 | 8.6300e-003 | 2.1000e-004 | 8.8400e-003 | 0.0000 | 26.0889 | 26.0889 | 6.1000e-004 | 0.0000 | 26.1040 |
| Total | 0.0123 | 7.4900e-003 | 0.0887 | 2.9000e-004 | 0.0325 | 2.3000e-004 | 0.0327 | 8.6300e-003 | 2.1000e-004 | 8.8400e-003 | 0.0000 | 26.0889 | 26.0889 | 6.1000e-004 | 0.0000 | 26.1040 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.6012 | 0.0000 | 9.6012 | 1.1935 | 0.0000 | 1.1935 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4216 | 4.2414 | 3.6317 | 8.1300e-003 | | 0.1749 | 0.1749 | | 0.1609 | 0.1609 | 0.0000 | 714.2049 | 714.2049 | 0.2310 | 0.0000 | 719.9796 |
| Total | 0.4216 | 4.2414 | 3.6317 | 8.1300e-003 | 9.6012 | 0.1749 | 9.7762 | 1.1935 | 0.1609 | 1.3545 | 0.0000 | 714.2049 | 714.2049 | 0.2310 | 0.0000 | 719.9796 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

3.3 Grading - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0123 | 7.4900e-003 | 0.0887 | 2.9000e-004 | 0.0325 | 2.3000e-004 | 0.0327 | 8.6300e-003 | 2.1000e-004 | 8.8400e-003 | 0.0000 | 26.0889 | 26.0889 | 6.1000e-004 | 0.0000 | 26.1040 |
| Total | 0.0123 | 7.4900e-003 | 0.0887 | 2.9000e-004 | 0.0325 | 2.3000e-004 | 0.0327 | 8.6300e-003 | 2.1000e-004 | 8.8400e-003 | 0.0000 | 26.0889 | 26.0889 | 6.1000e-004 | 0.0000 | 26.1040 |

3.3 Grading - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3331 | 0.0000 | 21.3331 | 2.6506 | 0.0000 | 2.6506 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |
| Total | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | 21.3331 | 0.1476 | 21.4807 | 2.6506 | 0.1358 | 2.7864 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |

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3.3 Grading - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0115 | 6.7500e-003 | 0.0814 | 2.8000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.9465 | 24.9465 | 5.4000e-004 | 0.0000 | 24.9601 |
| Total | 0.0115 | 6.7500e-003 | 0.0814 | 2.8000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.9465 | 24.9465 | 5.4000e-004 | 0.0000 | 24.9601 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5999 | 0.0000 | 9.5999 | 1.1928 | 0.0000 | 1.1928 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |
| Total | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | 9.5999 | 0.1476 | 9.7475 | 1.1928 | 0.1358 | 1.3285 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |

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3.3 Grading - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0115 | 6.7500e-003 | 0.0814 | 2.8000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.9465 | 24.9465 | 5.4000e-004 | 0.0000 | 24.9601 |
| Total | 0.0115 | 6.7500e-003 | 0.0814 | 2.8000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.9465 | 24.9465 | 5.4000e-004 | 0.0000 | 24.9601 |

3.3 Grading - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3331 | 0.0000 | 21.3331 | 2.6506 | 0.0000 | 2.6506 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |
| Total | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | 21.3331 | 0.1476 | 21.4807 | 2.6506 | 0.1358 | 2.7864 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |

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3.3 Grading - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0108 | 6.2200e-003 | 0.0771 | 2.7000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.6665 | 24.6665 | 5.2000e-004 | 0.0000 | 24.6794 |
| Total | 0.0108 | 6.2200e-003 | 0.0771 | 2.7000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.6665 | 24.6665 | 5.2000e-004 | 0.0000 | 24.6794 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5999 | 0.0000 | 9.5999 | 1.1928 | 0.0000 | 1.1928 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |
| Total | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | 9.5999 | 0.1476 | 9.7475 | 1.1928 | 0.1358 | 1.3285 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |

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3.3 Grading - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0108 | 6.2200e-003 | 0.0771 | 2.7000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.6665 | 24.6665 | 5.2000e-004 | 0.0000 | 24.6794 |
| Total | 0.0108 | 6.2200e-003 | 0.0771 | 2.7000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.6665 | 24.6665 | 5.2000e-004 | 0.0000 | 24.6794 |

3.3 Grading - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3331 | 0.0000 | 21.3331 | 2.6506 | 0.0000 | 2.6506 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |
| Total | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | 21.3331 | 0.1476 | 21.4807 | 2.6506 | 0.1358 | 2.7864 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |

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3.3 Grading - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0102 | 5.6700e-003 | 0.0718 | 2.6000e-004 | 0.0323 | 2.2000e-004 | 0.0325 | 8.5900e-003 | 2.0000e-004 | 8.7900e-003 | 0.0000 | 23.8226 | 23.8226 | 4.7000e-004 | 0.0000 | 23.8344 |
| Total | 0.0102 | 5.6700e-003 | 0.0718 | 2.6000e-004 | 0.0323 | 2.2000e-004 | 0.0325 | 8.5900e-003 | 2.0000e-004 | 8.7900e-003 | 0.0000 | 23.8226 | 23.8226 | 4.7000e-004 | 0.0000 | 23.8344 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5999 | 0.0000 | 9.5999 | 1.1928 | 0.0000 | 1.1928 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |
| Total | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | 9.5999 | 0.1476 | 9.7475 | 1.1928 | 0.1358 | 1.3285 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |

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3.3 Grading - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0102 | 5.6700e-003 | 0.0718 | 2.6000e-004 | 0.0323 | 2.2000e-004 | 0.0325 | 8.5900e-003 | 2.0000e-004 | 8.7900e-003 | 0.0000 | 23.8226 | 23.8226 | 4.7000e-004 | 0.0000 | 23.8344 |
| Total | 0.0102 | 5.6700e-003 | 0.0718 | 2.6000e-004 | 0.0323 | 2.2000e-004 | 0.0325 | 8.5900e-003 | 2.0000e-004 | 8.7900e-003 | 0.0000 | 23.8226 | 23.8226 | 4.7000e-004 | 0.0000 | 23.8344 |

3.3 Grading - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3301 | 0.0000 | 21.3301 | 2.6489 | 0.0000 | 2.6489 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3772 | 3.6326 | 3.4230 | 8.0700e-003 | | 0.1470 | 0.1470 | | 0.1353 | 0.1353 | 0.0000 | 708.5808 | 708.5808 | 0.2292 | 0.0000 | 714.3100 |
| Total | 0.3772 | 3.6326 | 3.4230 | 8.0700e-003 | 21.3301 | 0.1470 | 21.4771 | 2.6489 | 0.1353 | 2.7842 | 0.0000 | 708.5808 | 708.5808 | 0.2292 | 0.0000 | 714.3100 |

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3.3 Grading - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.4400e-003 | 5.1600e-003 | 0.0667 | 2.5000e-004 | 0.0322 | 2.0000e-004 | 0.0324 | 8.5600e-003 | 1.8000e-004 | 8.7400e-003 | 0.0000 | 22.9878 | 22.9878 | 4.3000e-004 | 0.0000 | 22.9985 |
| Total | 9.4400e-003 | 5.1600e-003 | 0.0667 | 2.5000e-004 | 0.0322 | 2.0000e-004 | 0.0324 | 8.5600e-003 | 1.8000e-004 | 8.7400e-003 | 0.0000 | 22.9878 | 22.9878 | 4.3000e-004 | 0.0000 | 22.9985 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5985 | 0.0000 | 9.5985 | 1.1920 | 0.0000 | 1.1920 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3772 | 3.6326 | 3.4230 | 8.0700e-003 | | 0.1470 | 0.1470 | | 0.1353 | 0.1353 | 0.0000 | 708.5799 | 708.5799 | 0.2292 | 0.0000 | 714.3092 |
| Total | 0.3772 | 3.6326 | 3.4230 | 8.0700e-003 | 9.5985 | 0.1470 | 9.7456 | 1.1920 | 0.1353 | 1.3273 | 0.0000 | 708.5799 | 708.5799 | 0.2292 | 0.0000 | 714.3092 |

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3.3 Grading - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.4400e-003 | 5.1600e-003 | 0.0667 | 2.5000e-004 | 0.0322 | 2.0000e-004 | 0.0324 | 8.5600e-003 | 1.8000e-004 | 8.7400e-003 | 0.0000 | 22.9878 | 22.9878 | 4.3000e-004 | 0.0000 | 22.9985 |
| Total | 9.4400e-003 | 5.1600e-003 | 0.0667 | 2.5000e-004 | 0.0322 | 2.0000e-004 | 0.0324 | 8.5600e-003 | 1.8000e-004 | 8.7400e-003 | 0.0000 | 22.9878 | 22.9878 | 4.3000e-004 | 0.0000 | 22.9985 |

3.3 Grading - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3331 | 0.0000 | 21.3331 | 2.6506 | 0.0000 | 2.6506 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |
| Total | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | 21.3331 | 0.1476 | 21.4807 | 2.6506 | 0.1358 | 2.7864 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |

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3.3 Grading - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.7700e-003 | 4.7400e-003 | 0.0626 | 2.5000e-004 | 0.0323 | 1.9000e-004 | 0.0325 | 8.5900e-003 | 1.7000e-004 | 8.7600e-003 | 0.0000 | 22.4171 | 22.4171 | 3.9000e-004 | 0.0000 | 22.4269 |
| Total | 8.7700e-003 | 4.7400e-003 | 0.0626 | 2.5000e-004 | 0.0323 | 1.9000e-004 | 0.0325 | 8.5900e-003 | 1.7000e-004 | 8.7600e-003 | 0.0000 | 22.4171 | 22.4171 | 3.9000e-004 | 0.0000 | 22.4269 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5999 | 0.0000 | 9.5999 | 1.1928 | 0.0000 | 1.1928 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |
| Total | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | 9.5999 | 0.1476 | 9.7475 | 1.1928 | 0.1358 | 1.3285 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |

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3.3 Grading - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.7700e-003 | 4.7400e-003 | 0.0626 | 2.5000e-004 | 0.0323 | 1.9000e-004 | 0.0325 | 8.5900e-003 | 1.7000e-004 | 8.7600e-003 | 0.0000 | 22.4171 | 22.4171 | 3.9000e-004 | 0.0000 | 22.4269 |
| Total | 8.7700e-003 | 4.7400e-003 | 0.0626 | 2.5000e-004 | 0.0323 | 1.9000e-004 | 0.0325 | 8.5900e-003 | 1.7000e-004 | 8.7600e-003 | 0.0000 | 22.4171 | 22.4171 | 3.9000e-004 | 0.0000 | 22.4269 |

3.3 Grading - 2030

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3331 | 0.0000 | 21.3331 | 2.6506 | 0.0000 | 2.6506 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4281 | 1.8069 | 3.0046 | 9.1300e-003 | | 0.0637 | 0.0637 | | 0.0637 | 0.0637 | 0.0000 | 853.9427 | 853.9427 | 0.0345 | 0.0000 | 854.8055 |
| Total | 0.4281 | 1.8069 | 3.0046 | 9.1300e-003 | 21.3331 | 0.0637 | 21.3968 | 2.6506 | 0.0637 | 2.7143 | 0.0000 | 853.9427 | 853.9427 | 0.0345 | 0.0000 | 854.8055 |

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3.3 Grading - 2030

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0400e-003 | 4.3300e-003 | 0.0585 | 2.4000e-004 | 0.0323 | 1.7000e-004 | 0.0325 | 8.5900e-003 | 1.6000e-004 | 8.7500e-003 | 0.0000 | 21.8350 | 21.8350 | 3.6000e-004 | 0.0000 | 21.8439 |
| Total | 8.0400e-003 | 4.3300e-003 | 0.0585 | 2.4000e-004 | 0.0323 | 1.7000e-004 | 0.0325 | 8.5900e-003 | 1.6000e-004 | 8.7500e-003 | 0.0000 | 21.8350 | 21.8350 | 3.6000e-004 | 0.0000 | 21.8439 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5999 | 0.0000 | 9.5999 | 1.1928 | 0.0000 | 1.1928 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4281 | 1.8069 | 3.0046 | 9.1300e-003 | | 0.0637 | 0.0637 | | 0.0637 | 0.0637 | 0.0000 | 853.9417 | 853.9417 | 0.0345 | 0.0000 | 854.8044 |
| Total | 0.4281 | 1.8069 | 3.0046 | 9.1300e-003 | 9.5999 | 0.0637 | 9.6636 | 1.1928 | 0.0637 | 1.2565 | 0.0000 | 853.9417 | 853.9417 | 0.0345 | 0.0000 | 854.8044 |

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3.3 Grading - 2030

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0400e-003 | 4.3300e-003 | 0.0585 | 2.4000e-004 | 0.0323 | 1.7000e-004 | 0.0325 | 8.5900e-003 | 1.6000e-004 | 8.7500e-003 | 0.0000 | 21.8350 | 21.8350 | 3.6000e-004 | 0.0000 | 21.8439 |
| Total | 8.0400e-003 | 4.3300e-003 | 0.0585 | 2.4000e-004 | 0.0323 | 1.7000e-004 | 0.0325 | 8.5900e-003 | 1.6000e-004 | 8.7500e-003 | 0.0000 | 21.8350 | 21.8350 | 3.6000e-004 | 0.0000 | 21.8439 |

3.3 Grading - 2031

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|---------------|--------------------|----------------|--------------------|----------------|----------------|--------------------|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 20.5562 | 0.0000 | 20.5562 | 2.2236 | 0.0000 | 2.2236 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 4.9200e-003 | 0.0208 | 0.0345 | 1.0000e-004 | | 7.3000e-004 | 7.3000e-004 | | 7.3000e-004 | 7.3000e-004 | 0.0000 | 9.8154 | 9.8154 | 4.0000e-004 | 0.0000 | 9.8254 |
| Total | 4.9200e-003 | 0.0208 | 0.0345 | 1.0000e-004 | 20.5562 | 7.3000e-004 | 20.5570 | 2.2236 | 7.3000e-004 | 2.2243 | 0.0000 | 9.8154 | 9.8154 | 4.0000e-004 | 0.0000 | 9.8254 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

3.3 Grading - 2031

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0000e-005 | 5.0000e-005 | 6.3000e-004 | 0.0000 | 3.7000e-004 | 0.0000 | 3.7000e-004 | 1.0000e-004 | 0.0000 | 1.0000e-004 | 0.0000 | 0.2451 | 0.2451 | 0.0000 | 0.0000 | 0.2452 |
| Total | 8.0000e-005 | 5.0000e-005 | 6.3000e-004 | 0.0000 | 3.7000e-004 | 0.0000 | 3.7000e-004 | 1.0000e-004 | 0.0000 | 1.0000e-004 | 0.0000 | 0.2451 | 0.2451 | 0.0000 | 0.0000 | 0.2452 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.2503 | 0.0000 | 9.2503 | 1.0006 | 0.0000 | 1.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 4.9200e-003 | 0.0208 | 0.0345 | 1.0000e-004 | | 7.3000e-004 | 7.3000e-004 | | 7.3000e-004 | 7.3000e-004 | 0.0000 | 9.8154 | 9.8154 | 4.0000e-004 | 0.0000 | 9.8253 |
| Total | 4.9200e-003 | 0.0208 | 0.0345 | 1.0000e-004 | 9.2503 | 7.3000e-004 | 9.2510 | 1.0006 | 7.3000e-004 | 1.0013 | 0.0000 | 9.8154 | 9.8154 | 4.0000e-004 | 0.0000 | 9.8253 |

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3.3 Grading - 2031

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0000e-005 | 5.0000e-005 | 6.3000e-004 | 0.0000 | 3.7000e-004 | 0.0000 | 3.7000e-004 | 1.0000e-004 | 0.0000 | 1.0000e-004 | 0.0000 | 0.2451 | 0.2451 | 0.0000 | 0.0000 | 0.2452 |
| Total | 8.0000e-005 | 5.0000e-005 | 6.3000e-004 | 0.0000 | 3.7000e-004 | 0.0000 | 3.7000e-004 | 1.0000e-004 | 0.0000 | 1.0000e-004 | 0.0000 | 0.2451 | 0.2451 | 0.0000 | 0.0000 | 0.2452 |

3.4 Building Construction - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2471 | 2.2662 | 2.1548 | 3.5000e-003 | | 0.1246 | 0.1246 | | 0.1172 | 0.1172 | 0.0000 | 301.1285 | 301.1285 | 0.0727 | 0.0000 | 302.9447 |
| Total | 0.2471 | 2.2662 | 2.1548 | 3.5000e-003 | | 0.1246 | 0.1246 | | 0.1172 | 0.1172 | 0.0000 | 301.1285 | 301.1285 | 0.0727 | 0.0000 | 302.9447 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.8018 | 24.3607 | 5.7361 | 0.0613 | 1.3962 | 0.0707 | 1.4669 | 0.4036 | 0.0676 | 0.4713 | 0.0000 | 5,817.0306 | 5,817.0306 | 0.4988 | 0.0000 | 5,829.4999 |
| Worker | 4.5029 | 3.0445 | 33.3088 | 0.0937 | 9.5734 | 0.0718 | 9.6453 | 2.5447 | 0.0662 | 2.6109 | 0.0000 | 8,462.1659 | 8,462.1659 | 0.2410 | 0.0000 | 8,468.1913 |
| Total | 5.3047 | 27.4051 | 39.0448 | 0.1550 | 10.9696 | 0.1425 | 11.1121 | 2.9483 | 0.1338 | 3.0821 | 0.0000 | 14,279.1965 | 14,279.1965 | 0.7398 | 0.0000 | 14,297.6912 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2471 | 2.2662 | 2.1548 | 3.5000e-003 | | 0.1246 | 0.1246 | | 0.1172 | 0.1172 | 0.0000 | 301.1281 | 301.1281 | 0.0727 | 0.0000 | 302.9443 |
| Total | 0.2471 | 2.2662 | 2.1548 | 3.5000e-003 | | 0.1246 | 0.1246 | | 0.1172 | 0.1172 | 0.0000 | 301.1281 | 301.1281 | 0.0727 | 0.0000 | 302.9443 |

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3.4 Building Construction - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.8018 | 24.3607 | 5.7361 | 0.0613 | 1.3962 | 0.0707 | 1.4669 | 0.4036 | 0.0676 | 0.4713 | 0.0000 | 5,817.0306 | 5,817.0306 | 0.4988 | 0.0000 | 5,829.4999 |
| Worker | 4.5029 | 3.0445 | 33.3088 | 0.0937 | 9.5734 | 0.0718 | 9.6453 | 2.5447 | 0.0662 | 2.6109 | 0.0000 | 8,462.1659 | 8,462.1659 | 0.2410 | 0.0000 | 8,468.1913 |
| Total | 5.3047 | 27.4051 | 39.0448 | 0.1550 | 10.9696 | 0.1425 | 11.1121 | 2.9483 | 0.1338 | 3.0821 | 0.0000 | 14,279.1965 | 14,279.1965 | 0.7398 | 0.0000 | 14,297.6912 |

3.4 Building Construction - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2428 | 301.2428 | 0.0722 | 0.0000 | 303.0471 |
| Total | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2428 | 301.2428 | 0.0722 | 0.0000 | 303.0471 |

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3.4 Building Construction - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.7366 | 23.0959 | 5.1627 | 0.0608 | 1.3962 | 0.0613 | 1.4575 | 0.4036 | 0.0587 | 0.4623 | 0.0000 | 5,763.8186 | 5,763.8186 | 0.4896 | 0.0000 | 5,776.0585 |
| Worker | 4.1697 | 2.7207 | 30.4345 | 0.0902 | 9.5734 | 0.0695 | 9.6430 | 2.5447 | 0.0640 | 2.6087 | 0.0000 | 8,156.0534 | 8,156.0534 | 0.2152 | 0.0000 | 8,161.4345 |
| Total | 4.9063 | 25.8166 | 35.5972 | 0.1510 | 10.9696 | 0.1309 | 11.1005 | 2.9483 | 0.1227 | 3.0710 | 0.0000 | 13,919.8720 | 13,919.8720 | 0.7048 | 0.0000 | 13,937.4930 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2425 | 301.2425 | 0.0722 | 0.0000 | 303.0467 |
| Total | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2425 | 301.2425 | 0.0722 | 0.0000 | 303.0467 |

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3.4 Building Construction - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.7366 | 23.0959 | 5.1627 | 0.0608 | 1.3962 | 0.0613 | 1.4575 | 0.4036 | 0.0587 | 0.4623 | 0.0000 | 5,763.8186 | 5,763.8186 | 0.4896 | 0.0000 | 5,776.0585 |
| Worker | 4.1697 | 2.7207 | 30.4345 | 0.0902 | 9.5734 | 0.0695 | 9.6430 | 2.5447 | 0.0640 | 2.6087 | 0.0000 | 8,156.0534 | 8,156.0534 | 0.2152 | 0.0000 | 8,161.4345 |
| Total | 4.9063 | 25.8166 | 35.5972 | 0.1510 | 10.9696 | 0.1309 | 11.1005 | 2.9483 | 0.1227 | 3.0710 | 0.0000 | 13,919.8720 | 13,919.8720 | 0.7048 | 0.0000 | 13,937.4930 |

3.4 Building Construction - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3462 | 301.3462 | 0.0717 | 0.0000 | 303.1383 |
| Total | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3462 | 301.3462 | 0.0717 | 0.0000 | 303.1383 |

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3.4 Building Construction - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.5174 | 17.8604 | 4.2576 | 0.0593 | 1.3962 | 0.0170 | 1.4132 | 0.4036 | 0.0162 | 0.4198 | 0.0000 | 5,626.3848 | 5,626.3848 | 0.3475 | 0.0000 | 5,635.0719 |
| Worker | 3.8697 | 2.4354 | 27.8257 | 0.0868 | 9.5734 | 0.0675 | 9.6410 | 2.5447 | 0.0622 | 2.6069 | 0.0000 | 7,847.6857 | 7,847.6857 | 0.1921 | 0.0000 | 7,852.4872 |
| Total | 4.3871 | 20.2958 | 32.0833 | 0.1461 | 10.9696 | 0.0845 | 11.0541 | 2.9483 | 0.0784 | 3.0267 | 0.0000 | 13,474.0706 | 13,474.0706 | 0.5395 | 0.0000 | 13,487.5592 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3458 | 301.3458 | 0.0717 | 0.0000 | 303.1380 |
| Total | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3458 | 301.3458 | 0.0717 | 0.0000 | 303.1380 |

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3.4 Building Construction - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.5174 | 17.8604 | 4.2576 | 0.0593 | 1.3962 | 0.0170 | 1.4132 | 0.4036 | 0.0162 | 0.4198 | 0.0000 | 5,626.3848 | 5,626.3848 | 0.3475 | 0.0000 | 5,635.0719 |
| Worker | 3.8697 | 2.4354 | 27.8257 | 0.0868 | 9.5734 | 0.0675 | 9.6410 | 2.5447 | 0.0622 | 2.6069 | 0.0000 | 7,847.6857 | 7,847.6857 | 0.1921 | 0.0000 | 7,852.4872 |
| Total | 4.3871 | 20.2958 | 32.0833 | 0.1461 | 10.9696 | 0.0845 | 11.0541 | 2.9483 | 0.0784 | 3.0267 | 0.0000 | 13,474.0706 | 13,474.0706 | 0.5395 | 0.0000 | 13,487.5592 |

3.4 Building Construction - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7223 | 303.7223 | 0.0718 | 0.0000 | 305.5179 |
| Total | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7223 | 303.7223 | 0.0718 | 0.0000 | 305.5179 |

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3.4 Building Construction - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4961 | 17.8515 | 3.9057 | 0.0593 | 1.4069 | 0.0169 | 1.4238 | 0.4067 | 0.0161 | 0.4229 | 0.0000 | 5,625.4360 | 5,625.4360 | 0.3628 | 0.0000 | 5,634.5057 |
| Worker | 3.6532 | 2.2276 | 26.3610 | 0.0858 | 9.6471 | 0.0689 | 9.7160 | 2.5643 | 0.0635 | 2.6277 | 0.0000 | 7,756.2175 | 7,756.2175 | 0.1804 | 0.0000 | 7,760.7270 |
| Total | 4.1492 | 20.0791 | 30.2667 | 0.1451 | 11.0540 | 0.0858 | 11.1398 | 2.9710 | 0.0796 | 3.0506 | 0.0000 | 13,381.6535 | 13,381.6535 | 0.5432 | 0.0000 | 13,395.2327 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7220 | 303.7220 | 0.0718 | 0.0000 | 305.5175 |
| Total | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7220 | 303.7220 | 0.0718 | 0.0000 | 305.5175 |

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3.4 Building Construction - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4961 | 17.8515 | 3.9057 | 0.0593 | 1.4069 | 0.0169 | 1.4238 | 0.4067 | 0.0161 | 0.4229 | 0.0000 | 5,625.4360 | 5,625.4360 | 0.3628 | 0.0000 | 5,634.5057 |
| Worker | 3.6532 | 2.2276 | 26.3610 | 0.0858 | 9.6471 | 0.0689 | 9.7160 | 2.5643 | 0.0635 | 2.6277 | 0.0000 | 7,756.2175 | 7,756.2175 | 0.1804 | 0.0000 | 7,760.7270 |
| Total | 4.1492 | 20.0791 | 30.2667 | 0.1451 | 11.0540 | 0.0858 | 11.1398 | 2.9710 | 0.0796 | 3.0506 | 0.0000 | 13,381.6535 | 13,381.6535 | 0.5432 | 0.0000 | 13,395.2327 |

3.4 Building Construction - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

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3.4 Building Construction - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4728 | 17.6333 | 3.5662 | 0.0586 | 1.4016 | 0.0165 | 1.4181 | 0.4052 | 0.0158 | 0.4210 | 0.0000 | 5,563.8524 | 5,563.8524 | 0.3785 | 0.0000 | 5,573.3150 |
| Worker | 3.4063 | 2.0054 | 24.2016 | 0.0820 | 9.6103 | 0.0672 | 9.6774 | 2.5545 | 0.0618 | 2.6163 | 0.0000 | 7,416.6038 | 7,416.6038 | 0.1619 | 0.0000 | 7,420.6501 |
| Total | 3.8792 | 19.6387 | 27.7678 | 0.1406 | 11.0118 | 0.0837 | 11.0955 | 2.9597 | 0.0776 | 3.0373 | 0.0000 | 12,980.4561 | 12,980.4561 | 0.5404 | 0.0000 | 12,993.9652 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |
| Total | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |

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3.4 Building Construction - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4728 | 17.6333 | 3.5662 | 0.0586 | 1.4016 | 0.0165 | 1.4181 | 0.4052 | 0.0158 | 0.4210 | 0.0000 | 5,563.8524 | 5,563.8524 | 0.3785 | 0.0000 | 5,573.3150 |
| Worker | 3.4063 | 2.0054 | 24.2016 | 0.0820 | 9.6103 | 0.0672 | 9.6774 | 2.5545 | 0.0618 | 2.6163 | 0.0000 | 7,416.6038 | 7,416.6038 | 0.1619 | 0.0000 | 7,420.6501 |
| Total | 3.8792 | 19.6387 | 27.7678 | 0.1406 | 11.0118 | 0.0837 | 11.0955 | 2.9597 | 0.0776 | 3.0373 | 0.0000 | 12,980.4561 | 12,980.4561 | 0.5404 | 0.0000 | 12,993.9652 |

3.4 Building Construction - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

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3.4 Building Construction - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4588 | 17.4728 | 3.3883 | 0.0583 | 1.4016 | 0.0163 | 1.4179 | 0.4052 | 0.0156 | 0.4208 | 0.0000 | 5,526.6608 | 5,526.6608 | 0.3820 | 0.0000 | 5,536.2117 |
| Worker | 3.2236 | 1.8489 | 22.9265 | 0.0811 | 9.6103 | 0.0682 | 9.6784 | 2.5545 | 0.0627 | 2.6172 | 0.0000 | 7,333.3525 | 7,333.3525 | 0.1536 | 0.0000 | 7,337.1935 |
| Total | 3.6824 | 19.3217 | 26.3147 | 0.1393 | 11.0118 | 0.0845 | 11.0963 | 2.9597 | 0.0783 | 3.0380 | 0.0000 | 12,860.0133 | 12,860.0133 | 0.5357 | 0.0000 | 12,873.4051 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |
| Total | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |

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3.4 Building Construction - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4588 | 17.4728 | 3.3883 | 0.0583 | 1.4016 | 0.0163 | 1.4179 | 0.4052 | 0.0156 | 0.4208 | 0.0000 | 5,526.6608 | 5,526.6608 | 0.3820 | 0.0000 | 5,536.2117 |
| Worker | 3.2236 | 1.8489 | 22.9265 | 0.0811 | 9.6103 | 0.0682 | 9.6784 | 2.5545 | 0.0627 | 2.6172 | 0.0000 | 7,333.3525 | 7,333.3525 | 0.1536 | 0.0000 | 7,337.1935 |
| Total | 3.6824 | 19.3217 | 26.3147 | 0.1393 | 11.0118 | 0.0845 | 11.0963 | 2.9597 | 0.0783 | 3.0380 | 0.0000 | 12,860.0133 | 12,860.0133 | 0.5357 | 0.0000 | 12,873.4051 |

3.4 Building Construction - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

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3.4 Building Construction - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4471 | 17.3153 | 3.2416 | 0.0579 | 1.4016 | 0.0161 | 1.4177 | 0.4052 | 0.0154 | 0.4206 | 0.0000 | 5,494.4829 | 5,494.4829 | 0.3811 | 0.0000 | 5,504.0093 |
| Worker | 3.0279 | 1.6869 | 21.3304 | 0.0783 | 9.6103 | 0.0646 | 9.6749 | 2.5545 | 0.0594 | 2.6139 | 0.0000 | 7,082.4678 | 7,082.4678 | 0.1395 | 0.0000 | 7,085.9562 |
| Total | 3.4750 | 19.0022 | 24.5720 | 0.1362 | 11.0118 | 0.0807 | 11.0925 | 2.9597 | 0.0748 | 3.0345 | 0.0000 | 12,576.9507 | 12,576.9507 | 0.5206 | 0.0000 | 12,589.9655 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |
| Total | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |

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3.4 Building Construction - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4471 | 17.3153 | 3.2416 | 0.0579 | 1.4016 | 0.0161 | 1.4177 | 0.4052 | 0.0154 | 0.4206 | 0.0000 | 5,494.4829 | 5,494.4829 | 0.3811 | 0.0000 | 5,504.0093 |
| Worker | 3.0279 | 1.6869 | 21.3304 | 0.0783 | 9.6103 | 0.0646 | 9.6749 | 2.5545 | 0.0594 | 2.6139 | 0.0000 | 7,082.4678 | 7,082.4678 | 0.1395 | 0.0000 | 7,085.9562 |
| Total | 3.4750 | 19.0022 | 24.5720 | 0.1362 | 11.0118 | 0.0807 | 11.0925 | 2.9597 | 0.0748 | 3.0345 | 0.0000 | 12,576.9507 | 12,576.9507 | 0.5206 | 0.0000 | 12,589.9655 |

3.4 Building Construction - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4953 | 301.4953 | 0.0709 | 0.0000 | 303.2671 |
| Total | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4953 | 301.4953 | 0.0709 | 0.0000 | 303.2671 |

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3.4 Building Construction - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4353 | 17.1291 | 3.1073 | 0.0574 | 1.3962 | 0.0159 | 1.4121 | 0.4036 | 0.0152 | 0.4188 | 0.0000 | 5,447.9874 | 5,447.9874 | 0.3780 | 0.0000 | 5,457.4369 |
| Worker | 2.8069 | 1.5355 | 19.8371 | 0.0755 | 9.5734 | 0.0598 | 9.6332 | 2.5447 | 0.0550 | 2.5997 | 0.0000 | 6,834.2768 | 6,834.2768 | 0.1268 | 0.0000 | 6,837.4464 |
| Total | 3.2423 | 18.6647 | 22.9444 | 0.1329 | 10.9696 | 0.0757 | 11.0453 | 2.9483 | 0.0702 | 3.0185 | 0.0000 | 12,282.2642 | 12,282.2642 | 0.5048 | 0.0000 | 12,294.8833 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4949 | 301.4949 | 0.0709 | 0.0000 | 303.2667 |
| Total | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4949 | 301.4949 | 0.0709 | 0.0000 | 303.2667 |

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3.4 Building Construction - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4353 | 17.1291 | 3.1073 | 0.0574 | 1.3962 | 0.0159 | 1.4121 | 0.4036 | 0.0152 | 0.4188 | 0.0000 | 5,447.9874 | 5,447.9874 | 0.3780 | 0.0000 | 5,457.4369 |
| Worker | 2.8069 | 1.5355 | 19.8371 | 0.0755 | 9.5734 | 0.0598 | 9.6332 | 2.5447 | 0.0550 | 2.5997 | 0.0000 | 6,834.2768 | 6,834.2768 | 0.1268 | 0.0000 | 6,837.4464 |
| Total | 3.2423 | 18.6647 | 22.9444 | 0.1329 | 10.9696 | 0.0757 | 11.0453 | 2.9483 | 0.0702 | 3.0185 | 0.0000 | 12,282.2642 | 12,282.2642 | 0.5048 | 0.0000 | 12,294.8833 |

3.4 Building Construction - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

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3.4 Building Construction - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4277 | 17.0749 | 3.0074 | 0.0574 | 1.4016 | 0.0158 | 1.4173 | 0.4052 | 0.0151 | 0.4203 | 0.0000 | 5,446.4456 | 5,446.4456 | 0.3757 | 0.0000 | 5,455.8369 |
| Worker | 2.6065 | 1.4101 | 18.6017 | 0.0736 | 9.6103 | 0.0558 | 9.6660 | 2.5545 | 0.0513 | 2.6058 | 0.0000 | 6,664.6119 | 6,664.6119 | 0.1160 | 0.0000 | 6,667.5112 |
| Total | 3.0341 | 18.4849 | 21.6091 | 0.1310 | 11.0118 | 0.0715 | 11.0834 | 2.9597 | 0.0664 | 3.0261 | 0.0000 | 12,111.0575 | 12,111.0575 | 0.4916 | 0.0000 | 12,123.3481 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |
| Total | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |

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3.4 Building Construction - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4277 | 17.0749 | 3.0074 | 0.0574 | 1.4016 | 0.0158 | 1.4173 | 0.4052 | 0.0151 | 0.4203 | 0.0000 | 5,446.4456 | 5,446.4456 | 0.3757 | 0.0000 | 5,455.8369 |
| Worker | 2.6065 | 1.4101 | 18.6017 | 0.0736 | 9.6103 | 0.0558 | 9.6660 | 2.5545 | 0.0513 | 2.6058 | 0.0000 | 6,664.6119 | 6,664.6119 | 0.1160 | 0.0000 | 6,667.5112 |
| Total | 3.0341 | 18.4849 | 21.6091 | 0.1310 | 11.0118 | 0.0715 | 11.0834 | 2.9597 | 0.0664 | 3.0261 | 0.0000 | 12,111.0575 | 12,111.0575 | 0.4916 | 0.0000 | 12,123.3481 |

3.4 Building Construction - 2030

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1708 | 1.0355 | 2.1085 | 4.0400e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 343.0336 | 343.0336 | 0.0138 | 0.0000 | 343.3777 |
| Total | 0.1708 | 1.0355 | 2.1085 | 4.0400e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 343.0336 | 343.0336 | 0.0138 | 0.0000 | 343.3777 |

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3.4 Building Construction - 2030

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4208 | 16.9694 | 2.9271 | 0.0572 | 1.4016 | 0.0156 | 1.4172 | 0.4052 | 0.0149 | 0.4201 | 0.0000 | 5,429.1827 | 5,429.1827 | 0.3723 | 0.0000 | 5,438.4906 |
| Worker | 2.3906 | 1.2882 | 17.3965 | 0.0717 | 9.6103 | 0.0519 | 9.6621 | 2.5545 | 0.0477 | 2.6022 | 0.0000 | 6,491.5548 | 6,491.5548 | 0.1057 | 0.0000 | 6,494.1970 |
| Total | 2.8114 | 18.2576 | 20.3236 | 0.1289 | 11.0118 | 0.0674 | 11.0793 | 2.9597 | 0.0626 | 3.0223 | 0.0000 | 11,920.7374 | 11,920.7374 | 0.4780 | 0.0000 | 11,932.6876 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1708 | 1.0355 | 2.1085 | 4.0400e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 343.0332 | 343.0332 | 0.0138 | 0.0000 | 343.3773 |
| Total | 0.1708 | 1.0355 | 2.1085 | 4.0400e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 343.0332 | 343.0332 | 0.0138 | 0.0000 | 343.3773 |

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3.4 Building Construction - 2030

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4208 | 16.9694 | 2.9271 | 0.0572 | 1.4016 | 0.0156 | 1.4172 | 0.4052 | 0.0149 | 0.4201 | 0.0000 | 5,429.1827 | 5,429.1827 | 0.3723 | 0.0000 | 5,438.4906 |
| Worker | 2.3906 | 1.2882 | 17.3965 | 0.0717 | 9.6103 | 0.0519 | 9.6621 | 2.5545 | 0.0477 | 2.6022 | 0.0000 | 6,491.5548 | 6,491.5548 | 0.1057 | 0.0000 | 6,494.1970 |
| Total | 2.8114 | 18.2576 | 20.3236 | 0.1289 | 11.0118 | 0.0674 | 11.0793 | 2.9597 | 0.0626 | 3.0223 | 0.0000 | 11,920.7374 | 11,920.7374 | 0.4780 | 0.0000 | 11,932.6876 |

3.4 Building Construction - 2031

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 1.9600e-003 | 0.0119 | 0.0242 | 5.0000e-005 | | 2.2000e-004 | 2.2000e-004 | | 2.2000e-004 | 2.2000e-004 | 0.0000 | 3.9429 | 3.9429 | 1.6000e-004 | 0.0000 | 3.9469 |
| Total | 1.9600e-003 | 0.0119 | 0.0242 | 5.0000e-005 | | 2.2000e-004 | 2.2000e-004 | | 2.2000e-004 | 2.2000e-004 | 0.0000 | 3.9429 | 3.9429 | 1.6000e-004 | 0.0000 | 3.9469 |

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3.4 Building Construction - 2031

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 4.7700e-003 | 0.1940 | 0.0328 | 6.6000e-004 | 0.0161 | 1.8000e-004 | 0.0163 | 4.6600e-003 | 1.7000e-004 | 4.8300e-003 | 0.0000 | 62.2548 | 62.2548 | 4.2600e-003 | 0.0000 | 62.3612 |
| Worker | 0.0249 | 0.0135 | 0.1868 | 8.0000e-004 | 0.1105 | 5.5000e-004 | 0.1110 | 0.0294 | 5.1000e-004 | 0.0299 | 0.0000 | 72.8666 | 72.8666 | 1.1000e-003 | 0.0000 | 72.8942 |
| Total | 0.0297 | 0.2075 | 0.2196 | 1.4600e-003 | 0.1266 | 7.3000e-004 | 0.1273 | 0.0340 | 6.8000e-004 | 0.0347 | 0.0000 | 135.1215 | 135.1215 | 5.3600e-003 | 0.0000 | 135.2555 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 1.9600e-003 | 0.0119 | 0.0242 | 5.0000e-005 | | 2.2000e-004 | 2.2000e-004 | | 2.2000e-004 | 2.2000e-004 | 0.0000 | 3.9429 | 3.9429 | 1.6000e-004 | 0.0000 | 3.9469 |
| Total | 1.9600e-003 | 0.0119 | 0.0242 | 5.0000e-005 | | 2.2000e-004 | 2.2000e-004 | | 2.2000e-004 | 2.2000e-004 | 0.0000 | 3.9429 | 3.9429 | 1.6000e-004 | 0.0000 | 3.9469 |

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3.4 Building Construction - 2031

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 4.7700e-003 | 0.1940 | 0.0328 | 6.6000e-004 | 0.0161 | 1.8000e-004 | 0.0163 | 4.6600e-003 | 1.7000e-004 | 4.8300e-003 | 0.0000 | 62.2548 | 62.2548 | 4.2600e-003 | 0.0000 | 62.3612 |
| Worker | 0.0249 | 0.0135 | 0.1868 | 8.0000e-004 | 0.1105 | 5.5000e-004 | 0.1110 | 0.0294 | 5.1000e-004 | 0.0299 | 0.0000 | 72.8666 | 72.8666 | 1.1000e-003 | 0.0000 | 72.8942 |
| Total | 0.0297 | 0.2075 | 0.2196 | 1.4600e-003 | 0.1266 | 7.3000e-004 | 0.1273 | 0.0340 | 6.8000e-004 | 0.0347 | 0.0000 | 135.1215 | 135.1215 | 5.3600e-003 | 0.0000 | 135.2555 |

3.5 Paving - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1632 | 1.6795 | 1.9049 | 2.9600e-003 | | 0.0881 | 0.0881 | | 0.0811 | 0.0811 | 0.0000 | 260.3052 | 260.3052 | 0.0842 | 0.0000 | 262.4099 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1632 | 1.6795 | 1.9049 | 2.9600e-003 | | 0.0881 | 0.0881 | | 0.0811 | 0.0811 | 0.0000 | 260.3052 | 260.3052 | 0.0842 | 0.0000 | 262.4099 |

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3.5 Paving - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0114 | 7.6800e-003 | 0.0840 | 2.4000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.7000e-004 | 6.5900e-003 | 0.0000 | 21.3475 | 21.3475 | 6.1000e-004 | 0.0000 | 21.3627 |
| Total | 0.0114 | 7.6800e-003 | 0.0840 | 2.4000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.7000e-004 | 6.5900e-003 | 0.0000 | 21.3475 | 21.3475 | 6.1000e-004 | 0.0000 | 21.3627 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1632 | 1.6795 | 1.9049 | 2.9600e-003 | | 0.0881 | 0.0881 | | 0.0811 | 0.0811 | 0.0000 | 260.3049 | 260.3049 | 0.0842 | 0.0000 | 262.4096 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1632 | 1.6795 | 1.9049 | 2.9600e-003 | | 0.0881 | 0.0881 | | 0.0811 | 0.0811 | 0.0000 | 260.3049 | 260.3049 | 0.0842 | 0.0000 | 262.4096 |

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3.5 Paving - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0114 | 7.6800e-003 | 0.0840 | 2.4000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.7000e-004 | 6.5900e-003 | 0.0000 | 21.3475 | 21.3475 | 6.1000e-004 | 0.0000 | 21.3627 |
| Total | 0.0114 | 7.6800e-003 | 0.0840 | 2.4000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.7000e-004 | 6.5900e-003 | 0.0000 | 21.3475 | 21.3475 | 6.1000e-004 | 0.0000 | 21.3627 |

3.5 Paving - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3583 | 260.3583 | 0.0842 | 0.0000 | 262.4634 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3583 | 260.3583 | 0.0842 | 0.0000 | 262.4634 |

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3.5 Paving - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |
| Total | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3579 | 260.3579 | 0.0842 | 0.0000 | 262.4631 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3579 | 260.3579 | 0.0842 | 0.0000 | 262.4631 |

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3.5 Paving - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |
| Total | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |

3.5 Paving - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3493 | 260.3493 | 0.0842 | 0.0000 | 262.4543 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3493 | 260.3493 | 0.0842 | 0.0000 | 262.4543 |

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3.5 Paving - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |
| Total | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3490 | 260.3490 | 0.0842 | 0.0000 | 262.4540 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3490 | 260.3490 | 0.0842 | 0.0000 | 262.4540 |

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3.5 Paving - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |
| Total | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |

3.5 Paving - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3476 | 262.3476 | 0.0849 | 0.0000 | 264.4688 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3476 | 262.3476 | 0.0849 | 0.0000 | 264.4688 |

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3.5 Paving - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |
| Total | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3473 | 262.3473 | 0.0849 | 0.0000 | 264.4685 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3473 | 262.3473 | 0.0849 | 0.0000 | 264.4685 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

3.5 Paving - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |
| Total | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |

3.5 Paving - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

3.5 Paving - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |
| Total | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

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3.5 Paving - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |
| Total | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |

3.5 Paving - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

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3.5 Paving - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |
| Total | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

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3.5 Paving - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |
| Total | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |

3.5 Paving - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

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3.5 Paving - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |
| Total | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

3.5 Paving - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |
| Total | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |

3.5 Paving - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2503 | 260.2503 | 0.0842 | 0.0000 | 262.3546 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2503 | 260.2503 | 0.0842 | 0.0000 | 262.3546 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

3.5 Paving - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |
| Total | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2500 | 260.2500 | 0.0842 | 0.0000 | 262.3543 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2500 | 260.2500 | 0.0842 | 0.0000 | 262.3543 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

3.5 Paving - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |
| Total | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |

3.5 Paving - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

3.5 Paving - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.5800e-003 | 3.5600e-003 | 0.0469 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0244 | 6.4400e-003 | 1.3000e-004 | 6.5700e-003 | 0.0000 | 16.8129 | 16.8129 | 2.9000e-004 | 0.0000 | 16.8202 |
| Total | 6.5800e-003 | 3.5600e-003 | 0.0469 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0244 | 6.4400e-003 | 1.3000e-004 | 6.5700e-003 | 0.0000 | 16.8129 | 16.8129 | 2.9000e-004 | 0.0000 | 16.8202 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

3.5 Paving - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.5800e-003 | 3.5600e-003 | 0.0469 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0244 | 6.4400e-003 | 1.3000e-004 | 6.5700e-003 | 0.0000 | 16.8129 | 16.8129 | 2.9000e-004 | 0.0000 | 16.8202 |
| Total | 6.5800e-003 | 3.5600e-003 | 0.0469 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0244 | 6.4400e-003 | 1.3000e-004 | 6.5700e-003 | 0.0000 | 16.8129 | 16.8129 | 2.9000e-004 | 0.0000 | 16.8202 |

3.5 Paving - 2030

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1807 | 0.9292 | 2.0684 | 3.6600e-003 | | 0.0432 | 0.0432 | | 0.0432 | 0.0432 | 0.0000 | 314.4987 | 314.4987 | 0.0147 | 0.0000 | 314.8673 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1807 | 0.9292 | 2.0684 | 3.6600e-003 | | 0.0432 | 0.0432 | | 0.0432 | 0.0432 | 0.0000 | 314.4987 | 314.4987 | 0.0147 | 0.0000 | 314.8673 |

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3.5 Paving - 2030

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.0300e-003 | 3.2500e-003 | 0.0439 | 1.8000e-004 | 0.0242 | 1.3000e-004 | 0.0244 | 6.4400e-003 | 1.2000e-004 | 6.5600e-003 | 0.0000 | 16.3763 | 16.3763 | 2.7000e-004 | 0.0000 | 16.3829 |
| Total | 6.0300e-003 | 3.2500e-003 | 0.0439 | 1.8000e-004 | 0.0242 | 1.3000e-004 | 0.0244 | 6.4400e-003 | 1.2000e-004 | 6.5600e-003 | 0.0000 | 16.3763 | 16.3763 | 2.7000e-004 | 0.0000 | 16.3829 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1807 | 0.9292 | 2.0684 | 3.6600e-003 | | 0.0432 | 0.0432 | | 0.0432 | 0.0432 | 0.0000 | 314.4983 | 314.4983 | 0.0147 | 0.0000 | 314.8669 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1807 | 0.9292 | 2.0684 | 3.6600e-003 | | 0.0432 | 0.0432 | | 0.0432 | 0.0432 | 0.0000 | 314.4983 | 314.4983 | 0.0147 | 0.0000 | 314.8669 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

3.5 Paving - 2030

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.0300e-003 | 3.2500e-003 | 0.0439 | 1.8000e-004 | 0.0242 | 1.3000e-004 | 0.0244 | 6.4400e-003 | 1.2000e-004 | 6.5600e-003 | 0.0000 | 16.3763 | 16.3763 | 2.7000e-004 | 0.0000 | 16.3829 |
| Total | 6.0300e-003 | 3.2500e-003 | 0.0439 | 1.8000e-004 | 0.0242 | 1.3000e-004 | 0.0244 | 6.4400e-003 | 1.2000e-004 | 6.5600e-003 | 0.0000 | 16.3763 | 16.3763 | 2.7000e-004 | 0.0000 | 16.3829 |

3.5 Paving - 2031

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 2.0800e-003 | 0.0107 | 0.0238 | 4.0000e-005 | | 5.0000e-004 | 5.0000e-004 | | 5.0000e-004 | 5.0000e-004 | 0.0000 | 3.6149 | 3.6149 | 1.7000e-004 | 0.0000 | 3.6192 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 2.0800e-003 | 0.0107 | 0.0238 | 4.0000e-005 | | 5.0000e-004 | 5.0000e-004 | | 5.0000e-004 | 5.0000e-004 | 0.0000 | 3.6149 | 3.6149 | 1.7000e-004 | 0.0000 | 3.6192 |

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3.5 Paving - 2031

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.0000e-005 | 3.0000e-005 | 4.7000e-004 | 0.0000 | 2.8000e-004 | 0.0000 | 2.8000e-004 | 7.0000e-005 | 0.0000 | 8.0000e-005 | 0.0000 | 0.1838 | 0.1838 | 0.0000 | 0.0000 | 0.1839 |
| Total | 6.0000e-005 | 3.0000e-005 | 4.7000e-004 | 0.0000 | 2.8000e-004 | 0.0000 | 2.8000e-004 | 7.0000e-005 | 0.0000 | 8.0000e-005 | 0.0000 | 0.1838 | 0.1838 | 0.0000 | 0.0000 | 0.1839 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 2.0800e-003 | 0.0107 | 0.0238 | 4.0000e-005 | | 5.0000e-004 | 5.0000e-004 | | 5.0000e-004 | 5.0000e-004 | 0.0000 | 3.6149 | 3.6149 | 1.7000e-004 | 0.0000 | 3.6192 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 2.0800e-003 | 0.0107 | 0.0238 | 4.0000e-005 | | 5.0000e-004 | 5.0000e-004 | | 5.0000e-004 | 5.0000e-004 | 0.0000 | 3.6149 | 3.6149 | 1.7000e-004 | 0.0000 | 3.6192 |

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3.5 Paving - 2031

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.0000e-005 | 3.0000e-005 | 4.7000e-004 | 0.0000 | 2.8000e-004 | 0.0000 | 2.8000e-004 | 7.0000e-005 | 0.0000 | 8.0000e-005 | 0.0000 | 0.1838 | 0.1838 | 0.0000 | 0.0000 | 0.1839 |
| Total | 6.0000e-005 | 3.0000e-005 | 4.7000e-004 | 0.0000 | 2.8000e-004 | 0.0000 | 2.8000e-004 | 7.0000e-005 | 0.0000 | 8.0000e-005 | 0.0000 | 0.1838 | 0.1838 | 0.0000 | 0.0000 | 0.1839 |

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0285 | 0.1985 | 0.2363 | 3.9000e-004 | | 0.0122 | 0.0122 | | 0.0122 | 0.0122 | 0.0000 | 33.1923 | 33.1923 | 2.2800e-003 | 0.0000 | 33.2492 |
| Total | 11.4696 | 0.1985 | 0.2363 | 3.9000e-004 | | 0.0122 | 0.0122 | | 0.0122 | 0.0122 | 0.0000 | 33.1923 | 33.1923 | 2.2800e-003 | 0.0000 | 33.2492 |

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3.6 Architectural Coating - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.9004 | 0.6088 | 6.6606 | 0.0187 | 1.9144 | 0.0144 | 1.9287 | 0.5089 | 0.0132 | 0.5221 | 0.0000 | 1,692.1485 | 1,692.1485 | 0.0482 | 0.0000 | 1,693.3534 |
| Total | 0.9004 | 0.6088 | 6.6606 | 0.0187 | 1.9144 | 0.0144 | 1.9287 | 0.5089 | 0.0132 | 0.5221 | 0.0000 | 1,692.1485 | 1,692.1485 | 0.0482 | 0.0000 | 1,693.3534 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0285 | 0.1985 | 0.2363 | 3.9000e-004 | | 0.0122 | 0.0122 | | 0.0122 | 0.0122 | 0.0000 | 33.1923 | 33.1923 | 2.2800e-003 | 0.0000 | 33.2492 |
| Total | 11.4696 | 0.1985 | 0.2363 | 3.9000e-004 | | 0.0122 | 0.0122 | | 0.0122 | 0.0122 | 0.0000 | 33.1923 | 33.1923 | 2.2800e-003 | 0.0000 | 33.2492 |

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3.6 Architectural Coating - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.9004 | 0.6088 | 6.6606 | 0.0187 | 1.9144 | 0.0144 | 1.9287 | 0.5089 | 0.0132 | 0.5221 | 0.0000 | 1,692.1485 | 1,692.1485 | 0.0482 | 0.0000 | 1,693.3534 |
| Total | 0.9004 | 0.6088 | 6.6606 | 0.0187 | 1.9144 | 0.0144 | 1.9287 | 0.5089 | 0.0132 | 0.5221 | 0.0000 | 1,692.1485 | 1,692.1485 | 0.0482 | 0.0000 | 1,693.3534 |

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0266 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |
| Total | 11.4677 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |

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3.6 Architectural Coating - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.8338 | 0.5441 | 6.0859 | 0.0180 | 1.9144 | 0.0139 | 1.9283 | 0.5089 | 0.0128 | 0.5217 | 0.0000 | 1,630.936 3 | 1,630.936 3 | 0.0430 | 0.0000 | 1,632.012 4 |
| Total | 0.8338 | 0.5441 | 6.0859 | 0.0180 | 1.9144 | 0.0139 | 1.9283 | 0.5089 | 0.0128 | 0.5217 | 0.0000 | 1,630.936 3 | 1,630.936 3 | 0.0430 | 0.0000 | 1,632.012 4 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0266 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |
| Total | 11.4677 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |

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3.6 Architectural Coating - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.8338 | 0.5441 | 6.0859 | 0.0180 | 1.9144 | 0.0139 | 1.9283 | 0.5089 | 0.0128 | 0.5217 | 0.0000 | 1,630.936 3 | 1,630.936 3 | 0.0430 | 0.0000 | 1,632.012 4 |
| Total | 0.8338 | 0.5441 | 6.0859 | 0.0180 | 1.9144 | 0.0139 | 1.9283 | 0.5089 | 0.0128 | 0.5217 | 0.0000 | 1,630.936 3 | 1,630.936 3 | 0.0430 | 0.0000 | 1,632.012 4 |

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0249 | 0.1694 | 0.2355 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |
| Total | 11.4661 | 0.1694 | 0.2355 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |

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3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.7738 | 0.4870 | 5.5642 | 0.0174 | 1.9144 | 0.0135 | 1.9279 | 0.5089 | 0.0124 | 0.5213 | 0.0000 | 1,569.273 2 | 1,569.273 2 | 0.0384 | 0.0000 | 1,570.233 3 |
| Total | 0.7738 | 0.4870 | 5.5642 | 0.0174 | 1.9144 | 0.0135 | 1.9279 | 0.5089 | 0.0124 | 0.5213 | 0.0000 | 1,569.273 2 | 1,569.273 2 | 0.0384 | 0.0000 | 1,570.233 3 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0249 | 0.1694 | 0.2354 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |
| Total | 11.4661 | 0.1694 | 0.2354 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |

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3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.7738 | 0.4870 | 5.5642 | 0.0174 | 1.9144 | 0.0135 | 1.9279 | 0.5089 | 0.0124 | 0.5213 | 0.0000 | 1,569.273 2 | 1,569.273 2 | 0.0384 | 0.0000 | 1,570.233 3 |
| Total | 0.7738 | 0.4870 | 5.5642 | 0.0174 | 1.9144 | 0.0135 | 1.9279 | 0.5089 | 0.0124 | 0.5213 | 0.0000 | 1,569.273 2 | 1,569.273 2 | 0.0384 | 0.0000 | 1,570.233 3 |

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.5292 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0237 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |
| Total | 11.5528 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |

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3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.7305 | 0.4455 | 5.2713 | 0.0172 | 1.9291 | 0.0138 | 1.9429 | 0.5128 | 0.0127 | 0.5255 | 0.0000 | 1,550.9826 | 1,550.9826 | 0.0361 | 0.0000 | 1,551.8844 |
| Total | 0.7305 | 0.4455 | 5.2713 | 0.0172 | 1.9291 | 0.0138 | 1.9429 | 0.5128 | 0.0127 | 0.5255 | 0.0000 | 1,550.9826 | 1,550.9826 | 0.0361 | 0.0000 | 1,551.8844 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.5292 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0237 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |
| Total | 11.5528 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |

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3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.7305 | 0.4455 | 5.2713 | 0.0172 | 1.9291 | 0.0138 | 1.9429 | 0.5128 | 0.0127 | 0.5255 | 0.0000 | 1,550.9826 | 1,550.9826 | 0.0361 | 0.0000 | 1,551.8844 |
| Total | 0.7305 | 0.4455 | 5.2713 | 0.0172 | 1.9291 | 0.0138 | 1.9429 | 0.5128 | 0.0127 | 0.5255 | 0.0000 | 1,550.9826 | 1,550.9826 | 0.0361 | 0.0000 | 1,551.8844 |

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

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3.6 Architectural Coating - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.6812 | 0.4010 | 4.8395 | 0.0164 | 1.9217 | 0.0134 | 1.9352 | 0.5108 | 0.0124 | 0.5232 | 0.0000 | 1,483.0713 | 1,483.0713 | 0.0324 | 0.0000 | 1,483.8804 |
| Total | 0.6812 | 0.4010 | 4.8395 | 0.0164 | 1.9217 | 0.0134 | 1.9352 | 0.5108 | 0.0124 | 0.5232 | 0.0000 | 1,483.0713 | 1,483.0713 | 0.0324 | 0.0000 | 1,483.8804 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |

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3.6 Architectural Coating - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.6812 | 0.4010 | 4.8395 | 0.0164 | 1.9217 | 0.0134 | 1.9352 | 0.5108 | 0.0124 | 0.5232 | 0.0000 | 1,483.0713 | 1,483.0713 | 0.0324 | 0.0000 | 1,483.8804 |
| Total | 0.6812 | 0.4010 | 4.8395 | 0.0164 | 1.9217 | 0.0134 | 1.9352 | 0.5108 | 0.0124 | 0.5232 | 0.0000 | 1,483.0713 | 1,483.0713 | 0.0324 | 0.0000 | 1,483.8804 |

3.6 Architectural Coating - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

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3.6 Architectural Coating - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.6446 | 0.3697 | 4.5845 | 0.0162 | 1.9217 | 0.0136 | 1.9354 | 0.5108 | 0.0125 | 0.5234 | 0.0000 | 1,466.4238 | 1,466.4238 | 0.0307 | 0.0000 | 1,467.1919 |
| Total | 0.6446 | 0.3697 | 4.5845 | 0.0162 | 1.9217 | 0.0136 | 1.9354 | 0.5108 | 0.0125 | 0.5234 | 0.0000 | 1,466.4238 | 1,466.4238 | 0.0307 | 0.0000 | 1,467.1919 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

3.6 Architectural Coating - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.6446 | 0.3697 | 4.5845 | 0.0162 | 1.9217 | 0.0136 | 1.9354 | 0.5108 | 0.0125 | 0.5234 | 0.0000 | 1,466.4238 | 1,466.4238 | 0.0307 | 0.0000 | 1,467.1919 |
| Total | 0.6446 | 0.3697 | 4.5845 | 0.0162 | 1.9217 | 0.0136 | 1.9354 | 0.5108 | 0.0125 | 0.5234 | 0.0000 | 1,466.4238 | 1,466.4238 | 0.0307 | 0.0000 | 1,467.1919 |

3.6 Architectural Coating - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

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3.6 Architectural Coating - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.6055 | 0.3373 | 4.2654 | 0.0157 | 1.9217 | 0.0129 | 1.9347 | 0.5108 | 0.0119 | 0.5227 | 0.0000 | 1,416.2553 | 1,416.2553 | 0.0279 | 0.0000 | 1,416.9529 |
| Total | 0.6055 | 0.3373 | 4.2654 | 0.0157 | 1.9217 | 0.0129 | 1.9347 | 0.5108 | 0.0119 | 0.5227 | 0.0000 | 1,416.2553 | 1,416.2553 | 0.0279 | 0.0000 | 1,416.9529 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |

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3.6 Architectural Coating - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.6055 | 0.3373 | 4.2654 | 0.0157 | 1.9217 | 0.0129 | 1.9347 | 0.5108 | 0.0119 | 0.5227 | 0.0000 | 1,416.2553 | 1,416.2553 | 0.0279 | 0.0000 | 1,416.9529 |
| Total | 0.6055 | 0.3373 | 4.2654 | 0.0157 | 1.9217 | 0.0129 | 1.9347 | 0.5108 | 0.0119 | 0.5227 | 0.0000 | 1,416.2553 | 1,416.2553 | 0.0279 | 0.0000 | 1,416.9529 |

3.6 Architectural Coating - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0222 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2376 |
| Total | 11.4634 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2376 |

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3.6 Architectural Coating - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.5613 | 0.3071 | 3.9668 | 0.0151 | 1.9144 | 0.0120 | 1.9263 | 0.5089 | 0.0110 | 0.5199 | 0.0000 | 1,366.6255 | 1,366.6255 | 0.0254 | 0.0000 | 1,367.2593 |
| Total | 0.5613 | 0.3071 | 3.9668 | 0.0151 | 1.9144 | 0.0120 | 1.9263 | 0.5089 | 0.0110 | 0.5199 | 0.0000 | 1,366.6255 | 1,366.6255 | 0.0254 | 0.0000 | 1,367.2593 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0222 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2375 |
| Total | 11.4634 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2375 |

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3.6 Architectural Coating - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.5613 | 0.3071 | 3.9668 | 0.0151 | 1.9144 | 0.0120 | 1.9263 | 0.5089 | 0.0110 | 0.5199 | 0.0000 | 1,366.6255 | 1,366.6255 | 0.0254 | 0.0000 | 1,367.2593 |
| Total | 0.5613 | 0.3071 | 3.9668 | 0.0151 | 1.9144 | 0.0120 | 1.9263 | 0.5089 | 0.0110 | 0.5199 | 0.0000 | 1,366.6255 | 1,366.6255 | 0.0254 | 0.0000 | 1,367.2593 |

3.6 Architectural Coating - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

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3.6 Architectural Coating - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.5212 | 0.2820 | 3.7197 | 0.0147 | 1.9217 | 0.0112 | 1.9329 | 0.5108 | 0.0103 | 0.5211 | 0.0000 | 1,332.698 2 | 1,332.698 2 | 0.0232 | 0.0000 | 1,333.278 0 |
| Total | 0.5212 | 0.2820 | 3.7197 | 0.0147 | 1.9217 | 0.0112 | 1.9329 | 0.5108 | 0.0103 | 0.5211 | 0.0000 | 1,332.698 2 | 1,332.698 2 | 0.0232 | 0.0000 | 1,333.278 0 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |

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3.6 Architectural Coating - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.5212 | 0.2820 | 3.7197 | 0.0147 | 1.9217 | 0.0112 | 1.9329 | 0.5108 | 0.0103 | 0.5211 | 0.0000 | 1,332.698 2 | 1,332.698 2 | 0.0232 | 0.0000 | 1,333.278 0 |
| Total | 0.5212 | 0.2820 | 3.7197 | 0.0147 | 1.9217 | 0.0112 | 1.9329 | 0.5108 | 0.0103 | 0.5211 | 0.0000 | 1,332.698 2 | 1,332.698 2 | 0.0232 | 0.0000 | 1,333.278 0 |

3.6 Architectural Coating - 2030

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0171 | 0.1117 | 0.2346 | 3.9000e-004 | | 2.6500e-003 | 2.6500e-003 | | 2.6500e-003 | 2.6500e-003 | 0.0000 | 33.3200 | 33.3200 | 1.3500e-003 | 0.0000 | 33.3537 |
| Total | 11.5022 | 0.1117 | 0.2346 | 3.9000e-004 | | 2.6500e-003 | 2.6500e-003 | | 2.6500e-003 | 2.6500e-003 | 0.0000 | 33.3200 | 33.3200 | 1.3500e-003 | 0.0000 | 33.3537 |

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3.6 Architectural Coating - 2030

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|--------------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4780 | 0.2576 | 3.4787 | 0.0143 | 1.9217 | 0.0104 | 1.9321 | 0.5108 | 9.5400e-003 | 0.5204 | 0.0000 | 1,298.0926 | 1,298.0926 | 0.0211 | 0.0000 | 1,298.6210 |
| Total | 0.4780 | 0.2576 | 3.4787 | 0.0143 | 1.9217 | 0.0104 | 1.9321 | 0.5108 | 9.5400e-003 | 0.5204 | 0.0000 | 1,298.0926 | 1,298.0926 | 0.0211 | 0.0000 | 1,298.6210 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0171 | 0.1117 | 0.2346 | 3.9000e-004 | | 2.6500e-003 | 2.6500e-003 | | 2.6500e-003 | 2.6500e-003 | 0.0000 | 33.3199 | 33.3199 | 1.3500e-003 | 0.0000 | 33.3536 |
| Total | 11.5022 | 0.1117 | 0.2346 | 3.9000e-004 | | 2.6500e-003 | 2.6500e-003 | | 2.6500e-003 | 2.6500e-003 | 0.0000 | 33.3199 | 33.3199 | 1.3500e-003 | 0.0000 | 33.3536 |

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3.6 Architectural Coating - 2030

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|--------------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4780 | 0.2576 | 3.4787 | 0.0143 | 1.9217 | 0.0104 | 1.9321 | 0.5108 | 9.5400e-003 | 0.5204 | 0.0000 | 1,298.0926 | 1,298.0926 | 0.0211 | 0.0000 | 1,298.6210 |
| Total | 0.4780 | 0.2576 | 3.4787 | 0.0143 | 1.9217 | 0.0104 | 1.9321 | 0.5108 | 9.5400e-003 | 0.5204 | 0.0000 | 1,298.0926 | 1,298.0926 | 0.0211 | 0.0000 | 1,298.6210 |

3.6 Architectural Coating - 2031

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 0.1320 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 2.0000e-004 | 1.2800e-003 | 2.7000e-003 | 0.0000 | | 3.0000e-005 | 3.0000e-005 | | 3.0000e-005 | 3.0000e-005 | 0.0000 | 0.3830 | 0.3830 | 2.0000e-005 | 0.0000 | 0.3834 |
| Total | 0.1322 | 1.2800e-003 | 2.7000e-003 | 0.0000 | | 3.0000e-005 | 3.0000e-005 | | 3.0000e-005 | 3.0000e-005 | 0.0000 | 0.3830 | 0.3830 | 2.0000e-005 | 0.0000 | 0.3834 |

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3.6 Architectural Coating - 2031

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 4.9800e-003 | 2.7000e-003 | 0.0374 | 1.6000e-004 | 0.0221 | 1.1000e-004 | 0.0222 | 5.8700e-003 | 1.0000e-004 | 5.9700e-003 | 0.0000 | 14.5709 | 14.5709 | 2.2000e-004 | 0.0000 | 14.5764 |
| Total | 4.9800e-003 | 2.7000e-003 | 0.0374 | 1.6000e-004 | 0.0221 | 1.1000e-004 | 0.0222 | 5.8700e-003 | 1.0000e-004 | 5.9700e-003 | 0.0000 | 14.5709 | 14.5709 | 2.2000e-004 | 0.0000 | 14.5764 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 0.1320 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 2.0000e-004 | 1.2800e-003 | 2.7000e-003 | 0.0000 | | 3.0000e-005 | 3.0000e-005 | | 3.0000e-005 | 3.0000e-005 | 0.0000 | 0.3830 | 0.3830 | 2.0000e-005 | 0.0000 | 0.3834 |
| Total | 0.1322 | 1.2800e-003 | 2.7000e-003 | 0.0000 | | 3.0000e-005 | 3.0000e-005 | | 3.0000e-005 | 3.0000e-005 | 0.0000 | 0.3830 | 0.3830 | 2.0000e-005 | 0.0000 | 0.3834 |

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3.6 Architectural Coating - 2031

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 4.9800e-003 | 2.7000e-003 | 0.0374 | 1.6000e-004 | 0.0221 | 1.1000e-004 | 0.0222 | 5.8700e-003 | 1.0000e-004 | 5.9700e-003 | 0.0000 | 14.5709 | 14.5709 | 2.2000e-004 | 0.0000 | 14.5764 |
| Total | 4.9800e-003 | 2.7000e-003 | 0.0374 | 1.6000e-004 | 0.0221 | 1.1000e-004 | 0.0222 | 5.8700e-003 | 1.0000e-004 | 5.9700e-003 | 0.0000 | 14.5709 | 14.5709 | 2.2000e-004 | 0.0000 | 14.5764 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Improve Pedestrian Network

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|---------|----------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|--------|--------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 9.1126 | 99.4806 | 104.3227 | 0.7505 | 64.6545 | 0.2924 | 64.9468 | 17.3390 | 0.2736 | 17.6126 | 0.0000 | 69,854.69 98 | 69,854.69 98 | 3.4019 | 0.0000 | 69,939.74 82 |
| Unmitigated | 9.1378 | 99.6338 | 104.7421 | 0.7536 | 64.9569 | 0.2936 | 65.2505 | 17.4201 | 0.2748 | 17.6948 | 0.0000 | 70,137.93 36 | 70,137.93 36 | 3.4073 | 0.0000 | 70,223.11 69 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|-----------------------|-------------------------|------------------|------------------|--------------------|--------------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Condo/Townhouse | 0.00 | 0.00 | 0.00 | | |
| Elementary School | 0.00 | 0.00 | 0.00 | | |
| Office Park | 0.00 | 0.00 | 0.00 | | |
| Single Family Housing | 46,294.74 | 46,294.74 | 46,294.74 | 172,157,134 | 171,355,697 |
| Strip Mall | 0.00 | 0.00 | 0.00 | | |
| City Park | 0.00 | 0.00 | 0.00 | | |
| Total | 46,294.74 | 46,294.74 | 46,294.74 | 172,157,134 | 171,355,697 |

4.3 Trip Type Information

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| Land Use | Miles | | | Trip % | | | Trip Purpose % | | |
|-----------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| Condo/Townhouse | 16.80 | 7.10 | 7.90 | 42.30 | 19.60 | 38.10 | 86 | 11 | 3 |
| Elementary School | 14.70 | 6.60 | 6.60 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| Office Park | 14.70 | 6.60 | 6.60 | 33.00 | 48.00 | 19.00 | 82 | 15 | 3 |
| Single Family Housing | 16.80 | 7.10 | 7.90 | 42.30 | 19.60 | 38.10 | 86 | 11 | 3 |
| Strip Mall | 14.70 | 6.60 | 6.60 | 16.60 | 64.40 | 19.00 | 45 | 40 | 15 |
| City Park | 14.70 | 6.60 | 6.60 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Condo/Townhouse | 0.583441 | 0.028047 | 0.168882 | 0.089637 | 0.008318 | 0.003459 | 0.012571 | 0.094450 | 0.002456 | 0.001408 | 0.005913 | 0.000973 | 0.000446 |
| Elementary School | 0.583441 | 0.028047 | 0.168882 | 0.089637 | 0.008318 | 0.003459 | 0.012571 | 0.094450 | 0.002456 | 0.001408 | 0.005913 | 0.000973 | 0.000446 |
| Office Park | 0.583441 | 0.028047 | 0.168882 | 0.089637 | 0.008318 | 0.003459 | 0.012571 | 0.094450 | 0.002456 | 0.001408 | 0.005913 | 0.000973 | 0.000446 |
| Single Family Housing | 0.583441 | 0.028047 | 0.168882 | 0.089637 | 0.008318 | 0.003459 | 0.012571 | 0.094450 | 0.002456 | 0.001408 | 0.005913 | 0.000973 | 0.000446 |
| Strip Mall | 0.583441 | 0.028047 | 0.168882 | 0.089637 | 0.008318 | 0.003459 | 0.012571 | 0.094450 | 0.002456 | 0.001408 | 0.005913 | 0.000973 | 0.000446 |
| City Park | 0.583441 | 0.028047 | 0.168882 | 0.089637 | 0.008318 | 0.003459 | 0.012571 | 0.094450 | 0.002456 | 0.001408 | 0.005913 | 0.000973 | 0.000446 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install Energy Efficient Appliances

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|---------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|--------|--------|-------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Electricity Mitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 9,737.9313 | 9,737.9313 | 0.8589 | 0.1777 | 9,812.3577 |
| Electricity Unmitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 10,008.5285 | 10,008.5285 | 0.8828 | 0.1826 | 10,085.0231 |
| NaturalGas Mitigated | 0.9639 | 8.2846 | 3.8539 | 0.0526 | | | 0.6660 | 0.6660 | | 0.6660 | 0.0000 | 9,539.3712 | 9,539.3712 | 0.1828 | 0.1749 | 9,596.0590 |
| NaturalGas Unmitigated | 1.0245 | 8.8057 | 4.0971 | 0.0559 | | | 0.7079 | 0.7079 | | 0.7079 | 0.0000 | 10,139.2242 | 10,139.2242 | 0.1943 | 0.1859 | 10,199.4765 |

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5.2 Energy by Land Use - NaturalGas

Unmitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 4.09256e+007 | 0.2207 | 1.8858 | 0.8025 | 0.0120 | | 0.1525 | 0.1525 | | 0.1525 | 0.1525 | 0.0000 | 2,183.9454 | 2,183.9454 | 0.0419 | 0.0400 | 2,196.9235 |
| Elementary School | 2.93899e+006 | 0.0159 | 0.1441 | 0.1210 | 8.6000e-004 | | 0.0110 | 0.0110 | | 0.0110 | 0.0110 | 0.0000 | 156.8359 | 156.8359 | 3.0100e-003 | 2.8800e-003 | 157.7679 |
| Office Park | 5.29886e+006 | 0.0286 | 0.2598 | 0.2182 | 1.5600e-003 | | 0.0197 | 0.0197 | | 0.0197 | 0.0197 | 0.0000 | 282.7671 | 282.7671 | 5.4200e-003 | 5.1800e-003 | 284.4475 |
| Single Family Housing | 1.3185e+008 | 0.7110 | 6.0755 | 2.5853 | 0.0388 | | 0.4912 | 0.4912 | | 0.4912 | 0.4912 | 0.0000 | 7,036.0419 | 7,036.0419 | 0.1349 | 0.1290 | 7,077.8536 |
| Strip Mall | 8.988e+006 | 0.0485 | 0.4406 | 0.3701 | 2.6400e-003 | | 0.0335 | 0.0335 | | 0.0335 | 0.0335 | 0.0000 | 479.6339 | 479.6339 | 9.1900e-003 | 8.7900e-003 | 482.4841 |
| Total | | 1.0245 | 8.8057 | 4.0971 | 0.0559 | | 0.7079 | 0.7079 | | 0.7079 | 0.7079 | 0.0000 | 10,139.2242 | 10,139.2242 | 0.1943 | 0.1859 | 10,199.4765 |

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5.2 Energy by Land Use - NaturalGas

Mitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 3.86545e+007 | 0.2084 | 1.7811 | 0.7579 | 0.0114 | | 0.1440 | 0.1440 | | 0.1440 | 0.1440 | 0.0000 | 2,062.7497 | 2,062.7497 | 0.0395 | 0.0378 | 2,075.0076 |
| Elementary School | 2.74899e+006 | 0.0148 | 0.1348 | 0.1132 | 8.1000e-004 | | 0.0102 | 0.0102 | | 0.0102 | 0.0102 | 0.0000 | 146.6968 | 146.6968 | 2.8100e-003 | 2.6900e-003 | 147.5686 |
| Office Park | 4.94129e+006 | 0.0266 | 0.2422 | 0.2035 | 1.4500e-003 | | 0.0184 | 0.0184 | | 0.0184 | 0.0184 | 0.0000 | 263.6859 | 263.6859 | 5.0500e-003 | 4.8300e-003 | 265.2529 |
| Single Family Housing | 1.23935e+008 | 0.6683 | 5.7107 | 2.4301 | 0.0365 | | 0.4617 | 0.4617 | | 0.4617 | 0.4617 | 0.0000 | 6,613.6527 | 6,613.6527 | 0.1268 | 0.1213 | 6,652.9543 |
| Strip Mall | 8.48114e+006 | 0.0457 | 0.4157 | 0.3492 | 2.4900e-003 | | 0.0316 | 0.0316 | | 0.0316 | 0.0316 | 0.0000 | 452.5861 | 452.5861 | 8.6700e-003 | 8.3000e-003 | 455.2756 |
| Total | | 0.9639 | 8.2846 | 3.8539 | 0.0526 | | 0.6660 | 0.6660 | | 0.6660 | 0.6660 | 0.0000 | 9,539.3712 | 9,539.3712 | 0.1828 | 0.1749 | 9,596.0590 |

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5.3 Energy by Land Use - Electricity

Unmitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|--------------------|---------------|---------------|--------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 1.25475e+007 | 1,871.3417 | 0.1651 | 0.0342 | 1,885.6442 |
| Elementary School | 821654 | 122.5424 | 0.0108 | 2.2400e-003 | 123.4790 |
| Office Park | 2.71223e+006 | 404.5056 | 0.0357 | 7.3800e-003 | 407.5972 |
| Single Family Housing | 4.41804e+007 | 6,589.1184 | 0.5812 | 0.1202 | 6,639.4786 |
| Strip Mall | 6.846e+006 | 1,021.0205 | 0.0901 | 0.0186 | 1,028.8241 |
| Total | | 10,008.5285 | 0.8828 | 0.1826 | 10,085.0231 |

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5.3 Energy by Land Use - Electricity

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 1.21341e+007 | 1,809.6934 | 0.1596 | 0.0330 | 1,823.5248 |
| Elementary School | 804121 | 119.9275 | 0.0106 | 2.1900e-003 | 120.8441 |
| Office Park | 2.65394e+006 | 395.8118 | 0.0349 | 7.2200e-003 | 398.8370 |
| Single Family Housing | 4.29811e+007 | 6,410.2449 | 0.5654 | 0.1170 | 6,459.2380 |
| Strip Mall | 6.72017e+006 | 1,002.2537 | 0.0884 | 0.0183 | 1,009.9139 |
| Total | | 9,737.9313 | 0.8589 | 0.1777 | 9,812.3577 |

6.0 Area Detail

6.1 Mitigation Measures Area

Village D Specific Plan - Phase II Operational - Madera County, Annual

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|--------|----------|--------|---------------|--------------|------------|----------------|---------------|-------------|------------|------------|-------------|---------|--------|-------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 98.7381 | 8.7368 | 384.6946 | 1.0950 | | 54.2563 | 54.2563 | | 54.2563 | 54.2563 | 7,194.9148 | 3,260.3525 | 10,455.2673 | 33.7802 | 0.0581 | 11,317.0991 |
| Unmitigated | 98.7381 | 8.7368 | 384.6946 | 1.0950 | | 54.2563 | 54.2563 | | 54.2563 | 54.2563 | 7,194.9148 | 3,260.3525 | 10,455.2673 | 33.7802 | 0.0581 | 11,317.0991 |

6.2 Area by SubCategory

Unmitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|-----------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------|--------------------|----------------|---------------|--------------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 49.0417 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 36.5905 | 8.1119 | 330.5505 | 1.0922 | | 53.9547 | 53.9547 | | 53.9547 | 53.9547 | 7,194.9148 | 3,171.5113 | 10,366.4262 | 33.6956 | 0.0581 | 11,226.1420 |
| Landscaping | 1.6209 | 0.6249 | 54.1441 | 2.8700e-003 | | 0.3015 | 0.3015 | | 0.3015 | 0.3015 | 0.0000 | 88.8411 | 88.8411 | 0.0846 | 0.0000 | 90.9571 |
| Total | 98.7381 | 8.7368 | 384.6946 | 1.0950 | | 54.2563 | 54.2563 | | 54.2563 | 54.2563 | 7,194.9148 | 3,260.3525 | 10,455.2673 | 33.7802 | 0.0581 | 11,317.0991 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

6.2 Area by SubCategory

Mitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|-----------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------|--------------------|----------------|---------------|--------------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 49.0417 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 36.5905 | 8.1119 | 330.5505 | 1.0922 | | 53.9547 | 53.9547 | | 53.9547 | 53.9547 | 7,194.9148 | 3,171.5113 | 10,366.4262 | 33.6956 | 0.0581 | 11,226.1420 |
| Landscaping | 1.6209 | 0.6249 | 54.1441 | 2.8700e-003 | | 0.3015 | 0.3015 | | 0.3015 | 0.3015 | 0.0000 | 88.8411 | 88.8411 | 0.0846 | 0.0000 | 90.9571 |
| Total | 98.7381 | 8.7368 | 384.6946 | 1.0950 | | 54.2563 | 54.2563 | | 54.2563 | 54.2563 | 7,194.9148 | 3,260.3525 | 10,455.2673 | 33.7802 | 0.0581 | 11,317.0991 |

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower

Village D Specific Plan - Phase II Operational - Madera County, Annual

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|---------|--------|------------|
| Category | MT/yr | | | |
| Mitigated | 791.1794 | 15.2791 | 0.3712 | 1,283.7655 |
| Unmitigated | 922.4814 | 19.0931 | 0.4628 | 1,537.7058 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

7.2 Water by Land Use

Unmitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-----------------|----------------|---------------|-------------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 136.615 | 71.3124 | 6.2900e-003 | 1.3000e-003 | 71.8574 |
| Condo/Townhouse | 148.421 / 93.5697 | 215.7060 | 4.8512 | 0.1173 | 371.9324 |
| Elementary School | 3.39394 / 8.72726 | 8.3712 | 0.1112 | 2.7400e-003 | 11.9699 |
| Office Park | 41.3426 / 25.339 | 59.7066 | 1.3513 | 0.0327 | 103.2206 |
| Single Family Housing | 328.572 / 207.143 | 477.5265 | 10.7394 | 0.2596 | 823.3779 |
| Strip Mall | 62.2209 / 38.1354 | 89.8587 | 2.0337 | 0.0492 | 155.3475 |
| Total | | 922.4814 | 19.0930 | 0.4627 | 1,537.7057 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

7.2 Water by Land Use

Mitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-----------------|----------------|---------------|-------------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 136.615 | 71.3124 | 6.2900e-003 | 1.3000e-003 | 71.8574 |
| Condo/Townhouse | 118.737 / 93.5697 | 182.3334 | 3.8818 | 0.0940 | 307.3891 |
| Elementary School | 2.71515 / 8.72726 | 7.6081 | 0.0891 | 2.2100e-003 | 10.4940 |
| Office Park | 33.0741 / 25.339 | 50.4106 | 1.0812 | 0.0262 | 85.2420 |
| Single Family Housing | 262.857 / 207.143 | 403.6467 | 8.5935 | 0.2081 | 680.4931 |
| Strip Mall | 49.7767 / 38.1354 | 75.8683 | 1.6273 | 0.0394 | 128.2898 |
| Total | | 791.1794 | 15.2791 | 0.3712 | 1,283.7655 |

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Village D Specific Plan - Phase II Operational - Madera County, Annual

Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|----------------|---------|--------|----------------|
| | MT/yr | | | |
| Mitigated | 1,157.634 6 | 68.4143 | 0.0000 | 2,867.990 8 |
| Unmitigated | 1,543.512 8 | 91.2190 | 0.0000 | 3,823.987 7 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

8.2 Waste by Land Use**Unmitigated**

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-------------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 9.86 | 2.0015 | 0.1183 | 0.0000 | 4.9586 |
| Condo/Townhouse | 1047.88 | 212.7102 | 12.5708 | 0.0000 | 526.9804 |
| Elementary School | 255.5 | 51.8642 | 3.0651 | 0.0000 | 128.4913 |
| Office Park | 216.33 | 43.9130 | 2.5952 | 0.0000 | 108.7927 |
| Single Family Housing | 5192.28 | 1,053.9859 | 62.2888 | 0.0000 | 2,611.2055 |
| Strip Mall | 882 | 179.0380 | 10.5808 | 0.0000 | 443.5591 |
| Total | | 1,543.5128 | 91.2190 | 0.0000 | 3,823.9877 |

Village D Specific Plan - Phase II Operational - Madera County, Annual

8.2 Waste by Land Use

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-------------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 7.395 | 1.5011 | 0.0887 | 0.0000 | 3.7190 |
| Condo/Townhouse | 785.91 | 159.5326 | 9.4281 | 0.0000 | 395.2353 |
| Elementary School | 191.625 | 38.8981 | 2.2988 | 0.0000 | 96.3685 |
| Office Park | 162.248 | 32.9348 | 1.9464 | 0.0000 | 81.5945 |
| Single Family Housing | 3894.21 | 790.4894 | 46.7166 | 0.0000 | 1,958.4041 |
| Strip Mall | 661.5 | 134.2785 | 7.9356 | 0.0000 | 332.6694 |
| Total | | 1,157.6346 | 68.4142 | 0.0000 | 2,867.9908 |

9.0 Operational Offroad

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

| Equipment Type | Number | Hours/Day | Hours/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|------------|-------------|-------------|-----------|
|----------------|--------|-----------|------------|-------------|-------------|-----------|

Boilers

Village D Specific Plan - Phase II Operational - Madera County, Annual

| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

User Defined Equipment

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

11.0 Vegetation

Village D Specific Plan - Phase III Construction - Madera County, Annual

**Village D Specific Plan - Phase III Construction
Madera County, Annual**

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-----------------------|----------|---------------|-------------|--------------------|------------|
| Elementary School | 700.00 | Student | 20.00 | 58,522.36 | 0 |
| Condo/Townhouse | 1,883.00 | Dwelling Unit | 154.00 | 1,883,000.00 | 5385 |
| Single Family Housing | 1,597.00 | Dwelling Unit | 228.40 | 2,874,600.00 | 4567 |
| Strip Mall | 995.56 | 1000sqft | 65.00 | 995,560.00 | 0 |
| City Park | 50.00 | Acre | 50.00 | 2,178,000.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|--------------------------------|--------------------------------|--------------------------------|-------|----------------------------------|-------|
| Urbanization | Rural | Wind Speed (m/s) | 2.9 | Precipitation Freq (Days) | 51 |
| Climate Zone | 3 | | | Operational Year | 2050 |
| Utility Company | Pacific Gas & Electric Company | | | | |
| CO2 Intensity (lb/MWhr) | 328.8 | CH4 Intensity (lb/MWhr) | 0.029 | N2O Intensity (lb/MWhr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

Village D Specific Plan - Phase III Construction - Madera County, Annual

Project Characteristics - CO2 intensity based on 5-year average (PG&E 2015)

Land Use - Based on land use summary

Construction Phase - Assuming construction start in 2040 and operational by 2049

Vehicle Trips - Based on trip generation prepared for the proposed project

Construction Off-road Equipment Mitigation - Mitigation includes Tier 4 construction equipment and compliance with SJVAPCD Rule 9510

Mobile Land Use Mitigation -

Mobile Commute Mitigation -

Area Mitigation -

| Table Name | Column Name | Default Value | New Value |
|-------------------------|------------------------------|---------------|------------|
| tblAreaMitigation | UseLowVOCPaintParkingCheck | False | True |
| tblConstDustMitigation | WaterUnpavedRoadVehicleSpeed | 0 | 15 |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 3.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

| | | | |
|-------------------------|----------------------------|-----------|--------------|
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 4.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 9.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstructionPhase | NumDays | 360.00 | 260.00 |
| tblConstructionPhase | NumDays | 930.00 | 255.00 |
| tblConstructionPhase | NumDays | 9,300.00 | 2,090.00 |
| tblConstructionPhase | NumDays | 660.00 | 2,090.00 |
| tblConstructionPhase | NumDays | 660.00 | 2,090.00 |
| tblGrading | AcresOfGrading | 637.50 | 2,325.00 |
| tblLandUse | LotAcreage | 1.34 | 20.00 |
| tblLandUse | LotAcreage | 117.69 | 154.00 |
| tblLandUse | LotAcreage | 518.51 | 228.40 |
| tblLandUse | LotAcreage | 22.85 | 65.00 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

| | | | |
|---------------------------|--------------------|--------|--------|
| tblProjectCharacteristics | CO2IntensityFactor | 641.35 | 328.8 |
| tblProjectCharacteristics | UrbanizationLevel | Urban | Rural |
| tblVehicleTrips | ST_TR | 5.67 | 0.00 |
| tblVehicleTrips | ST_TR | 9.91 | 20.55 |
| tblVehicleTrips | ST_TR | 42.04 | 0.00 |
| tblVehicleTrips | ST_TR | 22.75 | 0.00 |
| tblVehicleTrips | SU_TR | 4.84 | 0.00 |
| tblVehicleTrips | SU_TR | 8.62 | 20.55 |
| tblVehicleTrips | SU_TR | 20.43 | 0.00 |
| tblVehicleTrips | SU_TR | 16.74 | 0.00 |
| tblVehicleTrips | WD_TR | 5.81 | 0.00 |
| tblVehicleTrips | WD_TR | 1.29 | 0.00 |
| tblVehicleTrips | WD_TR | 9.52 | 20.55 |
| tblVehicleTrips | WD_TR | 44.32 | 0.00 |
| tblVehicleTrips | WD_TR | 1.89 | 0.00 |
| tblWoodstoves | NumberCatalytic | 154.00 | 117.69 |
| tblWoodstoves | NumberCatalytic | 228.40 | 518.51 |
| tblWoodstoves | NumberNoncatalytic | 154.00 | 117.69 |
| tblWoodstoves | NumberNoncatalytic | 228.40 | 518.51 |

2.0 Emissions Summary

Village D Specific Plan - Phase III Construction - Madera County, Annual

2.1 Overall Construction

Unmitigated Construction

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2040 | 0.2590 | 1.0414 | 2.0845 | 6.2400e-003 | 2.3776 | 0.0264 | 2.4040 | 1.2987 | 0.0264 | 1.3251 | 0.0000 | 537.0936 | 537.0936 | 0.0203 | 0.0000 | 537.6010 |
| 2041 | 0.4103 | 1.0225 | 2.9792 | 9.7100e-003 | 2.0852 | 0.0292 | 2.1144 | 0.5778 | 0.0292 | 0.6069 | 0.0000 | 906.9826 | 906.9826 | 0.0294 | 0.0000 | 907.7171 |
| 2042 | 7.7313 | 10.1883 | 12.8342 | 0.0770 | 6.9136 | 0.0513 | 6.9648 | 1.8541 | 0.0495 | 1.9036 | 0.0000 | 7,061.1607 | 7,061.1607 | 0.2330 | 0.0000 | 7,066.9844 |
| 2043 | 7.7313 | 10.1883 | 12.8342 | 0.0770 | 6.9136 | 0.0513 | 6.9648 | 1.8541 | 0.0495 | 1.9036 | 0.0000 | 7,061.1607 | 7,061.1607 | 0.2330 | 0.0000 | 7,066.9844 |
| 2044 | 7.7313 | 10.1883 | 12.8342 | 0.0770 | 6.9136 | 0.0513 | 6.9648 | 1.8541 | 0.0495 | 1.9036 | 0.0000 | 7,061.1607 | 7,061.1607 | 0.2330 | 0.0000 | 7,066.9844 |
| 2045 | 7.6063 | 10.0621 | 12.3153 | 0.0761 | 6.8871 | 0.0487 | 6.9358 | 1.8470 | 0.0471 | 1.8941 | 0.0000 | 6,972.7175 | 6,972.7175 | 0.2250 | 0.0000 | 6,978.3419 |
| 2046 | 7.6356 | 10.1008 | 12.3626 | 0.0763 | 6.9136 | 0.0489 | 6.9624 | 1.8541 | 0.0473 | 1.9013 | 0.0000 | 6,999.5357 | 6,999.5357 | 0.2258 | 0.0000 | 7,005.1817 |
| 2047 | 7.6356 | 10.1008 | 12.3626 | 0.0763 | 6.9136 | 0.0489 | 6.9624 | 1.8541 | 0.0473 | 1.9013 | 0.0000 | 6,999.5357 | 6,999.5357 | 0.2258 | 0.0000 | 7,005.1817 |
| 2048 | 7.6648 | 10.1395 | 12.4100 | 0.0766 | 6.9401 | 0.0490 | 6.9891 | 1.8612 | 0.0475 | 1.9086 | 0.0000 | 7,026.3538 | 7,026.3538 | 0.2267 | 0.0000 | 7,032.0215 |
| 2049 | 7.6356 | 10.1008 | 12.3626 | 0.0763 | 6.9136 | 0.0489 | 6.9624 | 1.8541 | 0.0473 | 1.9013 | 0.0000 | 6,999.5357 | 6,999.5357 | 0.2258 | 0.0000 | 7,005.1817 |
| Maximum | 7.7313 | 10.1883 | 12.8342 | 0.0770 | 6.9401 | 0.0513 | 6.9891 | 1.8612 | 0.0495 | 1.9086 | 0.0000 | 7,061.1607 | 7,061.1607 | 0.2330 | 0.0000 | 7,066.9844 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

2.1 Overall Construction

Mitigated Construction

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2040 | 0.0640 | 0.2644 | 2.7461 | 6.2400e-003 | 1.0859 | 8.1500e-003 | 1.0940 | 0.5887 | 8.1500e-003 | 0.5968 | 0.0000 | 537.0930 | 537.0930 | 0.0203 | 0.0000 | 537.6004 |
| 2041 | 0.1419 | 0.4214 | 3.3324 | 9.7100e-003 | 0.9849 | 0.0111 | 0.9960 | 0.2724 | 0.0111 | 0.2835 | 0.0000 | 765.7422 | 765.7422 | 0.0251 | 0.0000 | 766.3707 |
| 2042 | 7.4777 | 8.9320 | 11.4920 | 0.0770 | 6.9136 | 0.0321 | 6.9457 | 1.8541 | 0.0303 | 1.8844 | 0.0000 | 6,796.5984 | 6,796.5984 | 0.2238 | 0.0000 | 6,802.1928 |
| 2043 | 7.4777 | 8.9320 | 11.4920 | 0.0770 | 6.9136 | 0.0321 | 6.9457 | 1.8541 | 0.0303 | 1.8844 | 0.0000 | 6,796.5984 | 6,796.5984 | 0.2238 | 0.0000 | 6,802.1928 |
| 2044 | 7.4777 | 8.9320 | 11.4920 | 0.0770 | 6.9136 | 0.0321 | 6.9457 | 1.8541 | 0.0303 | 1.8844 | 0.0000 | 6,796.5984 | 6,796.5984 | 0.2238 | 0.0000 | 6,802.1928 |
| 2045 | 7.3537 | 8.8107 | 10.9782 | 0.0761 | 6.8871 | 0.0296 | 6.9167 | 1.8470 | 0.0280 | 1.8750 | 0.0000 | 6,709.1689 | 6,709.1689 | 0.2158 | 0.0000 | 6,714.5649 |
| 2046 | 7.3820 | 8.8446 | 11.0205 | 0.0763 | 6.9136 | 0.0297 | 6.9433 | 1.8541 | 0.0281 | 1.8822 | 0.0000 | 6,734.9734 | 6,734.9734 | 0.2167 | 0.0000 | 6,740.3901 |
| 2047 | 7.3820 | 8.8446 | 11.0205 | 0.0763 | 6.9136 | 0.0297 | 6.9433 | 1.8541 | 0.0281 | 1.8822 | 0.0000 | 6,734.9734 | 6,734.9734 | 0.2167 | 0.0000 | 6,740.3901 |
| 2048 | 7.4103 | 8.8785 | 11.0627 | 0.0766 | 6.9401 | 0.0298 | 6.9699 | 1.8612 | 0.0282 | 1.8894 | 0.0000 | 6,760.7779 | 6,760.7779 | 0.2175 | 0.0000 | 6,766.2154 |
| 2049 | 7.3820 | 8.8446 | 11.0205 | 0.0763 | 6.9136 | 0.0297 | 6.9433 | 1.8541 | 0.0281 | 1.8822 | 0.0000 | 6,734.9734 | 6,734.9734 | 0.2167 | 0.0000 | 6,740.3901 |
| Maximum | 7.4777 | 8.9320 | 11.4920 | 0.0770 | 6.9401 | 0.0321 | 6.9699 | 1.8612 | 0.0303 | 1.8894 | 0.0000 | 6,796.5984 | 6,796.5984 | 0.2238 | 0.0000 | 6,802.1928 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|-------------|--------------|-------------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Percent Reduction | 4.02 | 13.75 | 9.23 | 0.00 | 4.00 | 41.81 | 4.29 | 6.08 | 43.07 | 7.03 | 0.00 | 3.92 | 3.92 | 4.13 | 0.00 | 3.92 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

| Quarter | Start Date | End Date | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|-----------|--|--|
| 1 | 1-2-2040 | 4-1-2040 | 0.3252 | 0.0822 |
| 2 | 4-2-2040 | 7-1-2040 | 0.3251 | 0.0821 |
| 3 | 7-2-2040 | 10-1-2040 | 0.3287 | 0.0830 |
| 4 | 10-2-2040 | 1-1-2041 | 0.3145 | 0.0795 |
| 5 | 1-2-2041 | 4-1-2041 | 0.3086 | 0.1043 |
| 6 | 4-2-2041 | 7-1-2041 | 0.3302 | 0.1116 |
| 7 | 7-2-2041 | 10-1-2041 | 0.3339 | 0.1128 |
| 8 | 10-2-2041 | 1-1-2042 | 0.4636 | 0.2421 |
| 9 | 1-2-2042 | 4-1-2042 | 4.4327 | 4.0608 |
| 10 | 4-2-2042 | 7-1-2042 | 4.4584 | 4.0824 |
| 11 | 7-2-2042 | 10-1-2042 | 4.5077 | 4.1275 |
| 12 | 10-2-2042 | 1-1-2043 | 4.5315 | 4.1514 |
| 13 | 1-2-2043 | 4-1-2043 | 4.4327 | 4.0608 |
| 14 | 4-2-2043 | 7-1-2043 | 4.4584 | 4.0824 |
| 15 | 7-2-2043 | 10-1-2043 | 4.5077 | 4.1275 |
| 16 | 10-2-2043 | 1-1-2044 | 4.5315 | 4.1514 |
| 17 | 1-2-2044 | 4-1-2044 | 4.4820 | 4.1060 |
| 18 | 4-2-2044 | 7-1-2044 | 4.4584 | 4.0824 |
| 19 | 7-2-2044 | 10-1-2044 | 4.5077 | 4.1275 |
| 20 | 10-2-2044 | 1-1-2045 | 4.5310 | 4.1508 |
| 21 | 1-2-2045 | 4-1-2045 | 4.3850 | 4.0132 |
| 22 | 4-2-2045 | 7-1-2045 | 4.4115 | 4.0355 |
| 23 | 7-2-2045 | 10-1-2045 | 4.4602 | 4.0801 |
| 24 | 10-2-2045 | 1-1-2046 | 4.4827 | 4.1026 |
| 25 | 1-2-2046 | 4-1-2046 | 4.3850 | 4.0132 |
| 26 | 4-2-2046 | 7-1-2046 | 4.4115 | 4.0355 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

| | | | | |
|----|-----------|-----------|--------|--------|
| 27 | 7-2-2046 | 10-1-2046 | 4.4602 | 4.0801 |
| 28 | 10-2-2046 | 1-1-2047 | 4.4827 | 4.1026 |
| 29 | 1-2-2047 | 4-1-2047 | 4.3850 | 4.0132 |
| 30 | 4-2-2047 | 7-1-2047 | 4.4115 | 4.0355 |
| 31 | 7-2-2047 | 10-1-2047 | 4.4602 | 4.0801 |
| 32 | 10-2-2047 | 1-1-2048 | 4.4827 | 4.1026 |
| 33 | 1-2-2048 | 4-1-2048 | 4.4338 | 4.0578 |
| 34 | 4-2-2048 | 7-1-2048 | 4.4115 | 4.0355 |
| 35 | 7-2-2048 | 10-1-2048 | 4.4602 | 4.0801 |
| 36 | 10-2-2048 | 1-1-2049 | 4.4827 | 4.1026 |
| 37 | 1-2-2049 | 4-1-2049 | 4.3850 | 4.0132 |
| 38 | 4-2-2049 | 7-1-2049 | 4.4115 | 4.0355 |
| 39 | 7-2-2049 | 9-30-2049 | 4.4115 | 4.0355 |
| | | Highest | 4.5315 | 4.1514 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

2.2 Overall Operational

Unmitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|-----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|--------------------|--------------------|----------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 41.8050 | 3.5197 | 144.0417 | 0.3938 | | 19.4568 | 19.4568 | | 19.4568 | 19.4568 | 2,571.9803 | 1,549.8011 | 4,121.7815 | 12.0926 | 0.0276 | 4,432.3337 |
| Energy | 0.4729 | 4.0770 | 1.9812 | 0.0258 | | 0.3267 | 0.3267 | | 0.3267 | 0.3267 | 0.0000 | 9,585.1291 | 9,585.1291 | 0.5223 | 0.1753 | 9,650.4292 |
| Mobile | 5.8958 | 66.2341 | 69.2820 | 0.5171 | 45.9938 | 0.1786 | 46.1725 | 12.3291 | 0.1672 | 12.4963 | 0.0000 | 48,112.1621 | 48,112.1621 | 2.2125 | 0.0000 | 48,167.4746 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 748.5677 | 0.0000 | 748.5677 | 44.2391 | 0.0000 | 1,854.5449 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 95.8667 | 375.4405 | 471.3072 | 9.8795 | 0.2394 | 789.6210 |
| Total | 48.1737 | 73.8307 | 215.3049 | 0.9367 | 45.9938 | 19.9621 | 65.9559 | 12.3291 | 19.9507 | 32.2798 | 3,416.4148 | 59,622.5328 | 63,038.9476 | 68.9461 | 0.4423 | 64,894.4033 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

2.2 Overall Operational

Mitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|-----------------|--------------------|--------------------|----------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 26.6280 | 0.2363 | 19.5547 | 8.9000e-004 | | 0.1069 | 0.1069 | | 0.1069 | 0.1069 | 0.0000 | 29.5521 | 29.5521 | 0.0211 | 0.0000 | 30.0786 |
| Energy | 0.4455 | 3.8409 | 1.8666 | 0.0243 | | 0.3078 | 0.3078 | | 0.3078 | 0.3078 | 0.0000 | 6,485.7382 | 6,485.7382 | 0.2677 | 0.1187 | 6,527.8107 |
| Mobile | 5.5493 | 64.2172 | 63.5981 | 0.4746 | 41.6543 | 0.1629 | 41.8173 | 11.1658 | 0.1525 | 11.3183 | 0.0000 | 44,170.8676 | 44,170.8676 | 2.1394 | 0.0000 | 44,224.3531 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 561.4258 | 0.0000 | 561.4258 | 33.1793 | 0.0000 | 1,390.9087 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 76.6934 | 300.3524 | 377.0457 | 7.9036 | 0.1915 | 631.6968 |
| Total | 32.6228 | 68.2944 | 85.0193 | 0.4998 | 41.6543 | 0.5777 | 42.2320 | 11.1658 | 0.5672 | 11.7331 | 638.1192 | 50,986.5103 | 51,624.6294 | 43.5111 | 0.3102 | 52,804.8479 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|--------------|-------------|--------------|--------------|---------------|--------------|--------------|----------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Percent Reduction | 32.28 | 7.50 | 60.51 | 46.64 | 9.43 | 97.11 | 35.97 | 9.43 | 97.16 | 63.65 | 81.32 | 14.48 | 18.11 | 36.89 | 29.86 | 18.63 |

3.0 Construction Detail

Construction Phase

Village D Specific Plan - Phase III Construction - Madera County, Annual

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1 | Site Preparation | Site Preparation | 1/2/2040 | 12/28/2040 | 5 | 260 | |
| 2 | Grading | Grading | 1/7/2041 | 12/27/2041 | 5 | 255 | |
| 3 | Building Construction | Building Construction | 12/30/2041 | 12/31/2049 | 5 | 2090 | |
| 4 | Paving | Paving | 12/30/2041 | 12/31/2049 | 5 | 2090 | |
| 5 | Architectural Coating | Architectural Coating | 12/30/2041 | 12/31/2049 | 5 | 2090 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 2325

Acres of Paving: 0

Residential Indoor: 9,634,140; Residential Outdoor: 3,211,380; Non-Residential Indoor: 1,581,124; Non-Residential Outdoor: 527,041; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Village D Specific Plan - Phase III Construction - Madera County, Annual

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Site Preparation | Rubber Tired Dozers | 3 | 8.00 | 247 | 0.40 |
| Site Preparation | Tractors/Loaders/Backhoes | 4 | 8.00 | 97 | 0.37 |
| Grading | Excavators | 2 | 8.00 | 158 | 0.38 |
| Grading | Graders | 1 | 8.00 | 187 | 0.41 |
| Grading | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Grading | Scrapers | 2 | 8.00 | 367 | 0.48 |
| Grading | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Building Construction | Cranes | 1 | 7.00 | 231 | 0.29 |
| Building Construction | Forklifts | 3 | 8.00 | 89 | 0.20 |
| Building Construction | Generator Sets | 1 | 8.00 | 84 | 0.74 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97 | 0.37 |
| Building Construction | Welders | 1 | 8.00 | 46 | 0.45 |
| Paving | Pavers | 2 | 8.00 | 130 | 0.42 |
| Paving | Paving Equipment | 2 | 8.00 | 132 | 0.36 |
| Paving | Rollers | 2 | 8.00 | 80 | 0.38 |
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 3,189.00 | 902.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 638.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.1 Mitigation Measures Construction

- Use Alternative Fuel for Construction Equipment
- Use Cleaner Engines for Construction Equipment
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2040

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3486 | 0.0000 | 2.3486 | 1.2910 | 0.0000 | 1.2910 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.2555 | 1.0393 | 2.0514 | 6.0500e-003 | | 0.0263 | 0.0263 | | 0.0263 | 0.0263 | 0.0000 | 520.0600 | 520.0600 | 0.0201 | 0.0000 | 520.5633 |
| Total | 0.2555 | 1.0393 | 2.0514 | 6.0500e-003 | 2.3486 | 0.0263 | 2.3749 | 1.2910 | 0.0263 | 1.3173 | 0.0000 | 520.0600 | 520.0600 | 0.0201 | 0.0000 | 520.5633 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.2 Site Preparation - 2040

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.4400e-003 | 2.1600e-003 | 0.0331 | 1.9000e-004 | 0.0290 | 8.0000e-005 | 0.0291 | 7.7000e-003 | 8.0000e-005 | 7.7800e-003 | 0.0000 | 17.0337 | 17.0337 | 1.6000e-004 | 0.0000 | 17.0377 |
| Total | 3.4400e-003 | 2.1600e-003 | 0.0331 | 1.9000e-004 | 0.0290 | 8.0000e-005 | 0.0291 | 7.7000e-003 | 8.0000e-005 | 7.7800e-003 | 0.0000 | 17.0337 | 17.0337 | 1.6000e-004 | 0.0000 | 17.0377 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0569 | 0.0000 | 1.0569 | 0.5809 | 0.0000 | 0.5809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0605 | 0.2623 | 2.7130 | 6.0500e-003 | | 8.0700e-003 | 8.0700e-003 | | 8.0700e-003 | 8.0700e-003 | 0.0000 | 520.0593 | 520.0593 | 0.0201 | 0.0000 | 520.5627 |
| Total | 0.0605 | 0.2623 | 2.7130 | 6.0500e-003 | 1.0569 | 8.0700e-003 | 1.0650 | 0.5809 | 8.0700e-003 | 0.5890 | 0.0000 | 520.0593 | 520.0593 | 0.0201 | 0.0000 | 520.5627 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.2 Site Preparation - 2040

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.4400e-003 | 2.1600e-003 | 0.0331 | 1.9000e-004 | 0.0290 | 8.0000e-005 | 0.0291 | 7.7000e-003 | 8.0000e-005 | 7.7800e-003 | 0.0000 | 17.0337 | 17.0337 | 1.6000e-004 | 0.0000 | 17.0377 |
| Total | 3.4400e-003 | 2.1600e-003 | 0.0331 | 1.9000e-004 | 0.0290 | 8.0000e-005 | 0.0291 | 7.7000e-003 | 8.0000e-005 | 7.7800e-003 | 0.0000 | 17.0337 | 17.0337 | 1.6000e-004 | 0.0000 | 17.0377 |

3.3 Grading - 2041

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.0007 | 0.0000 | 2.0007 | 0.5552 | 0.0000 | 0.5552 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3473 | 0.9420 | 2.8448 | 8.9200e-003 | | 0.0287 | 0.0287 | | 0.0287 | 0.0287 | 0.0000 | 834.3118 | 834.3118 | 0.0274 | 0.0000 | 834.9972 |
| Total | 0.3473 | 0.9420 | 2.8448 | 8.9200e-003 | 2.0007 | 0.0287 | 2.0293 | 0.5552 | 0.0287 | 0.5839 | 0.0000 | 834.3118 | 834.3118 | 0.0274 | 0.0000 | 834.9972 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.3 Grading - 2041

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.7500e-003 | 2.3600e-003 | 0.0361 | 2.0000e-004 | 0.0316 | 9.0000e-005 | 0.0317 | 8.3900e-003 | 8.0000e-005 | 8.4800e-003 | 0.0000 | 18.5623 | 18.5623 | 1.8000e-004 | 0.0000 | 18.5667 |
| Total | 3.7500e-003 | 2.3600e-003 | 0.0361 | 2.0000e-004 | 0.0316 | 9.0000e-005 | 0.0317 | 8.3900e-003 | 8.0000e-005 | 8.4800e-003 | 0.0000 | 18.5623 | 18.5623 | 1.8000e-004 | 0.0000 | 18.5667 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.9003 | 0.0000 | 0.9003 | 0.2498 | 0.0000 | 0.2498 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0809 | 0.3506 | 3.2083 | 8.9200e-003 | | 0.0108 | 0.0108 | | 0.0108 | 0.0108 | 0.0000 | 695.0986 | 695.0986 | 0.0233 | 0.0000 | 695.6799 |
| Total | 0.0809 | 0.3506 | 3.2083 | 8.9200e-003 | 0.9003 | 0.0108 | 0.9111 | 0.2498 | 0.0108 | 0.2606 | 0.0000 | 695.0986 | 695.0986 | 0.0233 | 0.0000 | 695.6799 |

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3.3 Grading - 2041

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.7500e-003 | 2.3600e-003 | 0.0361 | 2.0000e-004 | 0.0316 | 9.0000e-005 | 0.0317 | 8.3900e-003 | 8.0000e-005 | 8.4800e-003 | 0.0000 | 18.5623 | 18.5623 | 1.8000e-004 | 0.0000 | 18.5667 |
| Total | 3.7500e-003 | 2.3600e-003 | 0.0361 | 2.0000e-004 | 0.0316 | 9.0000e-005 | 0.0317 | 8.3900e-003 | 8.0000e-005 | 8.4800e-003 | 0.0000 | 18.5623 | 18.5623 | 1.8000e-004 | 0.0000 | 18.5667 |

3.4 Building Construction - 2041

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 1.2000e-003 | 6.8900e-003 | 0.0161 | 3.0000e-005 | | 7.0000e-005 | 7.0000e-005 | | 7.0000e-005 | 7.0000e-005 | 0.0000 | 2.6286 | 2.6286 | 9.0000e-005 | 0.0000 | 2.6310 |
| Total | 1.2000e-003 | 6.8900e-003 | 0.0161 | 3.0000e-005 | | 7.0000e-005 | 7.0000e-005 | | 7.0000e-005 | 7.0000e-005 | 0.0000 | 2.6286 | 2.6286 | 9.0000e-005 | 0.0000 | 2.6310 |

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3.4 Building Construction - 2041

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 1.5300e-003 | 0.0633 | 0.0103 | 2.2000e-004 | 5.3900e-003 | 6.0000e-005 | 5.4500e-003 | 1.5600e-003 | 5.0000e-005 | 1.6100e-003 | 0.0000 | 20.8474 | 20.8474 | 1.3300e-003 | 0.0000 | 20.8808 |
| Worker | 4.6800e-003 | 2.9500e-003 | 0.0451 | 2.6000e-004 | 0.0395 | 1.2000e-004 | 0.0396 | 0.0105 | 1.1000e-004 | 0.0106 | 0.0000 | 23.2138 | 23.2138 | 2.2000e-004 | 0.0000 | 23.2193 |
| Total | 6.2100e-003 | 0.0662 | 0.0554 | 4.8000e-004 | 0.0449 | 1.8000e-004 | 0.0451 | 0.0121 | 1.6000e-004 | 0.0122 | 0.0000 | 44.0612 | 44.0612 | 1.5500e-003 | 0.0000 | 44.1001 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 1.0000e-004 | 4.3000e-004 | 6.1500e-003 | 3.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | 0.0000 | 0.8566 | 0.8566 | 3.0000e-005 | 0.0000 | 0.8575 |
| Total | 1.0000e-004 | 4.3000e-004 | 6.1500e-003 | 3.0000e-005 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | 0.0000 | 0.8566 | 0.8566 | 3.0000e-005 | 0.0000 | 0.8575 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.4 Building Construction - 2041

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 1.5300e-003 | 0.0633 | 0.0103 | 2.2000e-004 | 5.3900e-003 | 6.0000e-005 | 5.4500e-003 | 1.5600e-003 | 5.0000e-005 | 1.6100e-003 | 0.0000 | 20.8474 | 20.8474 | 1.3300e-003 | 0.0000 | 20.8808 |
| Worker | 4.6800e-003 | 2.9500e-003 | 0.0451 | 2.6000e-004 | 0.0395 | 1.2000e-004 | 0.0396 | 0.0105 | 1.1000e-004 | 0.0106 | 0.0000 | 23.2138 | 23.2138 | 2.2000e-004 | 0.0000 | 23.2193 |
| Total | 6.2100e-003 | 0.0662 | 0.0554 | 4.8000e-004 | 0.0449 | 1.8000e-004 | 0.0451 | 0.0121 | 1.6000e-004 | 0.0122 | 0.0000 | 44.0612 | 44.0612 | 1.5500e-003 | 0.0000 | 44.1001 |

3.4 Building Construction - 2042

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2042

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2001 | 8.2540 | 1.3426 | 0.0287 | 0.7039 | 7.3800e-003 | 0.7113 | 0.2035 | 7.0500e-003 | 0.2106 | 0.0000 | 2,720.5860 | 2,720.5860 | 0.1742 | 0.0000 | 2,724.9406 |
| Worker | 0.6112 | 0.3844 | 5.8849 | 0.0334 | 5.1542 | 0.0150 | 5.1693 | 1.3700 | 0.0138 | 1.3839 | 0.0000 | 3,029.4026 | 3,029.4026 | 0.0288 | 0.0000 | 3,030.1225 |
| Total | 0.8113 | 8.6383 | 7.2276 | 0.0621 | 5.8582 | 0.0224 | 5.8806 | 1.5735 | 0.0209 | 1.5944 | 0.0000 | 5,749.9886 | 5,749.9886 | 0.2030 | 0.0000 | 5,755.0631 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.4 Building Construction - 2042

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2001 | 8.2540 | 1.3426 | 0.0287 | 0.7039 | 7.3800e-003 | 0.7113 | 0.2035 | 7.0500e-003 | 0.2106 | 0.0000 | 2,720.5860 | 2,720.5860 | 0.1742 | 0.0000 | 2,724.9406 |
| Worker | 0.6112 | 0.3844 | 5.8849 | 0.0334 | 5.1542 | 0.0150 | 5.1693 | 1.3700 | 0.0138 | 1.3839 | 0.0000 | 3,029.4026 | 3,029.4026 | 0.0288 | 0.0000 | 3,030.1225 |
| Total | 0.8113 | 8.6383 | 7.2276 | 0.0621 | 5.8582 | 0.0224 | 5.8806 | 1.5735 | 0.0209 | 1.5944 | 0.0000 | 5,749.9886 | 5,749.9886 | 0.2030 | 0.0000 | 5,755.0631 |

3.4 Building Construction - 2043

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2043

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2001 | 8.2540 | 1.3426 | 0.0287 | 0.7039 | 7.3800e-003 | 0.7113 | 0.2035 | 7.0500e-003 | 0.2106 | 0.0000 | 2,720.5860 | 2,720.5860 | 0.1742 | 0.0000 | 2,724.9406 |
| Worker | 0.6112 | 0.3844 | 5.8849 | 0.0334 | 5.1542 | 0.0150 | 5.1693 | 1.3700 | 0.0138 | 1.3839 | 0.0000 | 3,029.4026 | 3,029.4026 | 0.0288 | 0.0000 | 3,030.1225 |
| Total | 0.8113 | 8.6383 | 7.2276 | 0.0621 | 5.8582 | 0.0224 | 5.8806 | 1.5735 | 0.0209 | 1.5944 | 0.0000 | 5,749.9886 | 5,749.9886 | 0.2030 | 0.0000 | 5,755.0631 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2043

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2001 | 8.2540 | 1.3426 | 0.0287 | 0.7039 | 7.3800e-003 | 0.7113 | 0.2035 | 7.0500e-003 | 0.2106 | 0.0000 | 2,720.5860 | 2,720.5860 | 0.1742 | 0.0000 | 2,724.9406 |
| Worker | 0.6112 | 0.3844 | 5.8849 | 0.0334 | 5.1542 | 0.0150 | 5.1693 | 1.3700 | 0.0138 | 1.3839 | 0.0000 | 3,029.4026 | 3,029.4026 | 0.0288 | 0.0000 | 3,030.1225 |
| Total | 0.8113 | 8.6383 | 7.2276 | 0.0621 | 5.8582 | 0.0224 | 5.8806 | 1.5735 | 0.0209 | 1.5944 | 0.0000 | 5,749.9886 | 5,749.9886 | 0.2030 | 0.0000 | 5,755.0631 |

3.4 Building Construction - 2044

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.4 Building Construction - 2044

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2001 | 8.2540 | 1.3426 | 0.0287 | 0.7039 | 7.3800e-003 | 0.7113 | 0.2035 | 7.0500e-003 | 0.2106 | 0.0000 | 2,720.5860 | 2,720.5860 | 0.1742 | 0.0000 | 2,724.9406 |
| Worker | 0.6112 | 0.3844 | 5.8849 | 0.0334 | 5.1542 | 0.0150 | 5.1693 | 1.3700 | 0.0138 | 1.3839 | 0.0000 | 3,029.4026 | 3,029.4026 | 0.0288 | 0.0000 | 3,030.1225 |
| Total | 0.8113 | 8.6383 | 7.2276 | 0.0621 | 5.8582 | 0.0224 | 5.8806 | 1.5735 | 0.0209 | 1.5944 | 0.0000 | 5,749.9886 | 5,749.9886 | 0.2030 | 0.0000 | 5,755.0631 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2044

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2001 | 8.2540 | 1.3426 | 0.0287 | 0.7039 | 7.3800e-003 | 0.7113 | 0.2035 | 7.0500e-003 | 0.2106 | 0.0000 | 2,720.5860 | 2,720.5860 | 0.1742 | 0.0000 | 2,724.9406 |
| Worker | 0.6112 | 0.3844 | 5.8849 | 0.0334 | 5.1542 | 0.0150 | 5.1693 | 1.3700 | 0.0138 | 1.3839 | 0.0000 | 3,029.4026 | 3,029.4026 | 0.0288 | 0.0000 | 3,030.1225 |
| Total | 0.8113 | 8.6383 | 7.2276 | 0.0621 | 5.8582 | 0.0224 | 5.8806 | 1.5735 | 0.0209 | 1.5944 | 0.0000 | 5,749.9886 | 5,749.9886 | 0.2030 | 0.0000 | 5,755.0631 |

3.4 Building Construction - 2045

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.4 Building Construction - 2045

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1992 | 8.1672 | 1.3339 | 0.0286 | 0.7012 | 7.3000e-003 | 0.7085 | 0.2027 | 6.9800e-003 | 0.2097 | 0.0000 | 2,709.3452 | 2,709.3452 | 0.1694 | 0.0000 | 2,713.5809 |
| Worker | 0.5299 | 0.3564 | 5.4755 | 0.0327 | 5.1345 | 0.0130 | 5.1475 | 1.3648 | 0.0120 | 1.3768 | 0.0000 | 2,967.5188 | 2,967.5188 | 0.0262 | 0.0000 | 2,968.1740 |
| Total | 0.7290 | 8.5236 | 6.8094 | 0.0613 | 5.8357 | 0.0203 | 5.8560 | 1.5675 | 0.0190 | 1.5865 | 0.0000 | 5,676.8641 | 5,676.8641 | 0.1956 | 0.0000 | 5,681.7549 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

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3.4 Building Construction - 2045

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1992 | 8.1672 | 1.3339 | 0.0286 | 0.7012 | 7.3000e-003 | 0.7085 | 0.2027 | 6.9800e-003 | 0.2097 | 0.0000 | 2,709.3452 | 2,709.3452 | 0.1694 | 0.0000 | 2,713.5809 |
| Worker | 0.5299 | 0.3564 | 5.4755 | 0.0327 | 5.1345 | 0.0130 | 5.1475 | 1.3648 | 0.0120 | 1.3768 | 0.0000 | 2,967.5188 | 2,967.5188 | 0.0262 | 0.0000 | 2,968.1740 |
| Total | 0.7290 | 8.5236 | 6.8094 | 0.0613 | 5.8357 | 0.0203 | 5.8560 | 1.5675 | 0.0190 | 1.5865 | 0.0000 | 5,676.8641 | 5,676.8641 | 0.1956 | 0.0000 | 5,681.7549 |

3.4 Building Construction - 2046

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2046

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1999 | 8.1986 | 1.3391 | 0.0287 | 0.7039 | 7.3300e-003 | 0.7113 | 0.2035 | 7.0000e-003 | 0.2105 | 0.0000 | 2,719.7658 | 2,719.7658 | 0.1701 | 0.0000 | 2,724.0177 |
| Worker | 0.5319 | 0.3577 | 5.4965 | 0.0329 | 5.1542 | 0.0131 | 5.1673 | 1.3700 | 0.0120 | 1.3821 | 0.0000 | 2,978.9323 | 2,978.9323 | 0.0263 | 0.0000 | 2,979.5901 |
| Total | 0.7318 | 8.5563 | 6.8356 | 0.0615 | 5.8582 | 0.0204 | 5.8786 | 1.5735 | 0.0190 | 1.5926 | 0.0000 | 5,698.6981 | 5,698.6981 | 0.1964 | 0.0000 | 5,703.6078 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.4 Building Construction - 2046

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1999 | 8.1986 | 1.3391 | 0.0287 | 0.7039 | 7.3300e-003 | 0.7113 | 0.2035 | 7.0000e-003 | 0.2105 | 0.0000 | 2,719.7658 | 2,719.7658 | 0.1701 | 0.0000 | 2,724.0177 |
| Worker | 0.5319 | 0.3577 | 5.4965 | 0.0329 | 5.1542 | 0.0131 | 5.1673 | 1.3700 | 0.0120 | 1.3821 | 0.0000 | 2,978.9323 | 2,978.9323 | 0.0263 | 0.0000 | 2,979.5901 |
| Total | 0.7318 | 8.5563 | 6.8356 | 0.0615 | 5.8582 | 0.0204 | 5.8786 | 1.5735 | 0.0190 | 1.5926 | 0.0000 | 5,698.6981 | 5,698.6981 | 0.1964 | 0.0000 | 5,703.6078 |

3.4 Building Construction - 2047

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2047

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1999 | 8.1986 | 1.3391 | 0.0287 | 0.7039 | 7.3300e-003 | 0.7113 | 0.2035 | 7.0000e-003 | 0.2105 | 0.0000 | 2,719.7658 | 2,719.7658 | 0.1701 | 0.0000 | 2,724.0177 |
| Worker | 0.5319 | 0.3577 | 5.4965 | 0.0329 | 5.1542 | 0.0131 | 5.1673 | 1.3700 | 0.0120 | 1.3821 | 0.0000 | 2,978.9323 | 2,978.9323 | 0.0263 | 0.0000 | 2,979.5901 |
| Total | 0.7318 | 8.5563 | 6.8356 | 0.0615 | 5.8582 | 0.0204 | 5.8786 | 1.5735 | 0.0190 | 1.5926 | 0.0000 | 5,698.6981 | 5,698.6981 | 0.1964 | 0.0000 | 5,703.6078 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.4 Building Construction - 2047

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1999 | 8.1986 | 1.3391 | 0.0287 | 0.7039 | 7.3300e-003 | 0.7113 | 0.2035 | 7.0000e-003 | 0.2105 | 0.0000 | 2,719.7658 | 2,719.7658 | 0.1701 | 0.0000 | 2,724.0177 |
| Worker | 0.5319 | 0.3577 | 5.4965 | 0.0329 | 5.1542 | 0.0131 | 5.1673 | 1.3700 | 0.0120 | 1.3821 | 0.0000 | 2,978.9323 | 2,978.9323 | 0.0263 | 0.0000 | 2,979.5901 |
| Total | 0.7318 | 8.5563 | 6.8356 | 0.0615 | 5.8582 | 0.0204 | 5.8786 | 1.5735 | 0.0190 | 1.5926 | 0.0000 | 5,698.6981 | 5,698.6981 | 0.1964 | 0.0000 | 5,703.6078 |

3.4 Building Construction - 2048

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |
| Total | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.4 Building Construction - 2048

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2007 | 8.2300 | 1.3442 | 0.0288 | 0.7066 | 7.3600e-003 | 0.7140 | 0.2043 | 7.0300e-003 | 0.2113 | 0.0000 | 2,730.1864 | 2,730.1864 | 0.1707 | 0.0000 | 2,734.4546 |
| Worker | 0.5340 | 0.3591 | 5.5176 | 0.0330 | 5.1740 | 0.0131 | 5.1871 | 1.3753 | 0.0121 | 1.3874 | 0.0000 | 2,990.3459 | 2,990.3459 | 0.0264 | 0.0000 | 2,991.0061 |
| Total | 0.7347 | 8.5891 | 6.8618 | 0.0618 | 5.8806 | 0.0205 | 5.9011 | 1.5796 | 0.0191 | 1.5987 | 0.0000 | 5,720.5322 | 5,720.5322 | 0.1971 | 0.0000 | 5,725.4607 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |
| Total | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |

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3.4 Building Construction - 2048

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2007 | 8.2300 | 1.3442 | 0.0288 | 0.7066 | 7.3600e-003 | 0.7140 | 0.2043 | 7.0300e-003 | 0.2113 | 0.0000 | 2,730.1864 | 2,730.1864 | 0.1707 | 0.0000 | 2,734.4546 |
| Worker | 0.5340 | 0.3591 | 5.5176 | 0.0330 | 5.1740 | 0.0131 | 5.1871 | 1.3753 | 0.0121 | 1.3874 | 0.0000 | 2,990.3459 | 2,990.3459 | 0.0264 | 0.0000 | 2,991.0061 |
| Total | 0.7347 | 8.5891 | 6.8618 | 0.0618 | 5.8806 | 0.0205 | 5.9011 | 1.5796 | 0.0191 | 1.5987 | 0.0000 | 5,720.5322 | 5,720.5322 | 0.1971 | 0.0000 | 5,725.4607 |

3.4 Building Construction - 2049

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2049

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1999 | 8.1986 | 1.3391 | 0.0287 | 0.7039 | 7.3300e-003 | 0.7113 | 0.2035 | 7.0000e-003 | 0.2105 | 0.0000 | 2,719.7658 | 2,719.7658 | 0.1701 | 0.0000 | 2,724.0177 |
| Worker | 0.5319 | 0.3577 | 5.4965 | 0.0329 | 5.1542 | 0.0131 | 5.1673 | 1.3700 | 0.0120 | 1.3821 | 0.0000 | 2,978.9323 | 2,978.9323 | 0.0263 | 0.0000 | 2,979.5901 |
| Total | 0.7318 | 8.5563 | 6.8356 | 0.0615 | 5.8582 | 0.0204 | 5.8786 | 1.5735 | 0.0190 | 1.5926 | 0.0000 | 5,698.6981 | 5,698.6981 | 0.1964 | 0.0000 | 5,703.6078 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2049

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1999 | 8.1986 | 1.3391 | 0.0287 | 0.7039 | 7.3300e-003 | 0.7113 | 0.2035 | 7.0000e-003 | 0.2105 | 0.0000 | 2,719.7658 | 2,719.7658 | 0.1701 | 0.0000 | 2,724.0177 |
| Worker | 0.5319 | 0.3577 | 5.4965 | 0.0329 | 5.1542 | 0.0131 | 5.1673 | 1.3700 | 0.0120 | 1.3821 | 0.0000 | 2,978.9323 | 2,978.9323 | 0.0263 | 0.0000 | 2,979.5901 |
| Total | 0.7318 | 8.5563 | 6.8356 | 0.0615 | 5.8582 | 0.0204 | 5.8786 | 1.5735 | 0.0190 | 1.5926 | 0.0000 | 5,698.6981 | 5,698.6981 | 0.1964 | 0.0000 | 5,703.6078 |

3.5 Paving - 2041

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 1.0100e-003 | 3.6600e-003 | 0.0158 | 3.0000e-005 | | 1.2000e-004 | 1.2000e-004 | | 1.2000e-004 | 1.2000e-004 | 0.0000 | 2.4100 | 2.4100 | 8.0000e-005 | 0.0000 | 2.4120 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 1.0100e-003 | 3.6600e-003 | 0.0158 | 3.0000e-005 | | 1.2000e-004 | 1.2000e-004 | | 1.2000e-004 | 1.2000e-004 | 0.0000 | 2.4100 | 2.4100 | 8.0000e-005 | 0.0000 | 2.4120 |

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3.5 Paving - 2041

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.0000e-005 | 1.0000e-005 | 2.1000e-004 | 0.0000 | 1.9000e-004 | 0.0000 | 1.9000e-004 | 5.0000e-005 | 0.0000 | 5.0000e-005 | 0.0000 | 0.1092 | 0.1092 | 0.0000 | 0.0000 | 0.1092 |
| Total | 2.0000e-005 | 1.0000e-005 | 2.1000e-004 | 0.0000 | 1.9000e-004 | 0.0000 | 1.9000e-004 | 5.0000e-005 | 0.0000 | 5.0000e-005 | 0.0000 | 0.1092 | 0.1092 | 0.0000 | 0.0000 | 0.1092 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 2.8000e-004 | 1.2200e-003 | 0.0173 | 3.0000e-005 | | 4.0000e-005 | 4.0000e-005 | | 4.0000e-005 | 4.0000e-005 | 0.0000 | 2.4100 | 2.4100 | 8.0000e-005 | 0.0000 | 2.4120 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 2.8000e-004 | 1.2200e-003 | 0.0173 | 3.0000e-005 | | 4.0000e-005 | 4.0000e-005 | | 4.0000e-005 | 4.0000e-005 | 0.0000 | 2.4100 | 2.4100 | 8.0000e-005 | 0.0000 | 2.4120 |

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3.5 Paving - 2041

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.0000e-005 | 1.0000e-005 | 2.1000e-004 | 0.0000 | 1.9000e-004 | 0.0000 | 1.9000e-004 | 5.0000e-005 | 0.0000 | 5.0000e-005 | 0.0000 | 0.1092 | 0.1092 | 0.0000 | 0.0000 | 0.1092 |
| Total | 2.0000e-005 | 1.0000e-005 | 2.1000e-004 | 0.0000 | 1.9000e-004 | 0.0000 | 1.9000e-004 | 5.0000e-005 | 0.0000 | 5.0000e-005 | 0.0000 | 0.1092 | 0.1092 | 0.0000 | 0.0000 | 0.1092 |

3.5 Paving - 2042

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.5 Paving - 2042

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.8700e-003 | 1.8100e-003 | 0.0277 | 1.6000e-004 | 0.0242 | 7.0000e-005 | 0.0243 | 6.4400e-003 | 7.0000e-005 | 6.5100e-003 | 0.0000 | 14.2493 | 14.2493 | 1.4000e-004 | 0.0000 | 14.2527 |
| Total | 2.8700e-003 | 1.8100e-003 | 0.0277 | 1.6000e-004 | 0.0242 | 7.0000e-005 | 0.0243 | 6.4400e-003 | 7.0000e-005 | 6.5100e-003 | 0.0000 | 14.2493 | 14.2493 | 1.4000e-004 | 0.0000 | 14.2527 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.5 Paving - 2042

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.8700e-003 | 1.8100e-003 | 0.0277 | 1.6000e-004 | 0.0242 | 7.0000e-005 | 0.0243 | 6.4400e-003 | 7.0000e-005 | 6.5100e-003 | 0.0000 | 14.2493 | 14.2493 | 1.4000e-004 | 0.0000 | 14.2527 |
| Total | 2.8700e-003 | 1.8100e-003 | 0.0277 | 1.6000e-004 | 0.0242 | 7.0000e-005 | 0.0243 | 6.4400e-003 | 7.0000e-005 | 6.5100e-003 | 0.0000 | 14.2493 | 14.2493 | 1.4000e-004 | 0.0000 | 14.2527 |

3.5 Paving - 2043

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.5 Paving - 2043

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.8700e-003 | 1.8100e-003 | 0.0277 | 1.6000e-004 | 0.0242 | 7.0000e-005 | 0.0243 | 6.4400e-003 | 7.0000e-005 | 6.5100e-003 | 0.0000 | 14.2493 | 14.2493 | 1.4000e-004 | 0.0000 | 14.2527 |
| Total | 2.8700e-003 | 1.8100e-003 | 0.0277 | 1.6000e-004 | 0.0242 | 7.0000e-005 | 0.0243 | 6.4400e-003 | 7.0000e-005 | 6.5100e-003 | 0.0000 | 14.2493 | 14.2493 | 1.4000e-004 | 0.0000 | 14.2527 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.5 Paving - 2043

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.8700e-003 | 1.8100e-003 | 0.0277 | 1.6000e-004 | 0.0242 | 7.0000e-005 | 0.0243 | 6.4400e-003 | 7.0000e-005 | 6.5100e-003 | 0.0000 | 14.2493 | 14.2493 | 1.4000e-004 | 0.0000 | 14.2527 |
| Total | 2.8700e-003 | 1.8100e-003 | 0.0277 | 1.6000e-004 | 0.0242 | 7.0000e-005 | 0.0243 | 6.4400e-003 | 7.0000e-005 | 6.5100e-003 | 0.0000 | 14.2493 | 14.2493 | 1.4000e-004 | 0.0000 | 14.2527 |

3.5 Paving - 2044

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.5 Paving - 2044

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.8700e-003 | 1.8100e-003 | 0.0277 | 1.6000e-004 | 0.0242 | 7.0000e-005 | 0.0243 | 6.4400e-003 | 7.0000e-005 | 6.5100e-003 | 0.0000 | 14.2493 | 14.2493 | 1.4000e-004 | 0.0000 | 14.2527 |
| Total | 2.8700e-003 | 1.8100e-003 | 0.0277 | 1.6000e-004 | 0.0242 | 7.0000e-005 | 0.0243 | 6.4400e-003 | 7.0000e-005 | 6.5100e-003 | 0.0000 | 14.2493 | 14.2493 | 1.4000e-004 | 0.0000 | 14.2527 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.5 Paving - 2044

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.8700e-003 | 1.8100e-003 | 0.0277 | 1.6000e-004 | 0.0242 | 7.0000e-005 | 0.0243 | 6.4400e-003 | 7.0000e-005 | 6.5100e-003 | 0.0000 | 14.2493 | 14.2493 | 1.4000e-004 | 0.0000 | 14.2527 |
| Total | 2.8700e-003 | 1.8100e-003 | 0.0277 | 1.6000e-004 | 0.0242 | 7.0000e-005 | 0.0243 | 6.4400e-003 | 7.0000e-005 | 6.5100e-003 | 0.0000 | 14.2493 | 14.2493 | 1.4000e-004 | 0.0000 | 14.2527 |

3.5 Paving - 2045

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1315 | 0.4754 | 2.0563 | 3.6500e-003 | | 0.0151 | 0.0151 | | 0.0151 | 0.0151 | 0.0000 | 313.2937 | 313.2937 | 0.0105 | 0.0000 | 313.5569 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1315 | 0.4754 | 2.0563 | 3.6500e-003 | | 0.0151 | 0.0151 | | 0.0151 | 0.0151 | 0.0000 | 313.2937 | 313.2937 | 0.0105 | 0.0000 | 313.5569 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.5 Paving - 2045

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.4900e-003 | 1.6800e-003 | 0.0258 | 1.5000e-004 | 0.0242 | 6.0000e-005 | 0.0242 | 6.4200e-003 | 6.0000e-005 | 6.4800e-003 | 0.0000 | 13.9582 | 13.9582 | 1.2000e-004 | 0.0000 | 13.9613 |
| Total | 2.4900e-003 | 1.6800e-003 | 0.0258 | 1.5000e-004 | 0.0242 | 6.0000e-005 | 0.0242 | 6.4200e-003 | 6.0000e-005 | 6.4800e-003 | 0.0000 | 13.9582 | 13.9582 | 1.2000e-004 | 0.0000 | 13.9613 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0365 | 0.1580 | 2.2484 | 3.6500e-003 | | 4.8600e-003 | 4.8600e-003 | | 4.8600e-003 | 4.8600e-003 | 0.0000 | 313.2933 | 313.2933 | 0.0105 | 0.0000 | 313.5566 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0365 | 0.1580 | 2.2484 | 3.6500e-003 | | 4.8600e-003 | 4.8600e-003 | | 4.8600e-003 | 4.8600e-003 | 0.0000 | 313.2933 | 313.2933 | 0.0105 | 0.0000 | 313.5566 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.5 Paving - 2045

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.4900e-003 | 1.6800e-003 | 0.0258 | 1.5000e-004 | 0.0242 | 6.0000e-005 | 0.0242 | 6.4200e-003 | 6.0000e-005 | 6.4800e-003 | 0.0000 | 13.9582 | 13.9582 | 1.2000e-004 | 0.0000 | 13.9613 |
| Total | 2.4900e-003 | 1.6800e-003 | 0.0258 | 1.5000e-004 | 0.0242 | 6.0000e-005 | 0.0242 | 6.4200e-003 | 6.0000e-005 | 6.4800e-003 | 0.0000 | 13.9582 | 13.9582 | 1.2000e-004 | 0.0000 | 13.9613 |

3.5 Paving - 2046

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.5 Paving - 2046

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.5000e-003 | 1.6800e-003 | 0.0259 | 1.5000e-004 | 0.0242 | 6.0000e-005 | 0.0243 | 6.4400e-003 | 6.0000e-005 | 6.5000e-003 | 0.0000 | 14.0119 | 14.0119 | 1.2000e-004 | 0.0000 | 14.0150 |
| Total | 2.5000e-003 | 1.6800e-003 | 0.0259 | 1.5000e-004 | 0.0242 | 6.0000e-005 | 0.0243 | 6.4400e-003 | 6.0000e-005 | 6.5000e-003 | 0.0000 | 14.0119 | 14.0119 | 1.2000e-004 | 0.0000 | 14.0150 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.5 Paving - 2046

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.5000e-003 | 1.6800e-003 | 0.0259 | 1.5000e-004 | 0.0242 | 6.0000e-005 | 0.0243 | 6.4400e-003 | 6.0000e-005 | 6.5000e-003 | 0.0000 | 14.0119 | 14.0119 | 1.2000e-004 | 0.0000 | 14.0150 |
| Total | 2.5000e-003 | 1.6800e-003 | 0.0259 | 1.5000e-004 | 0.0242 | 6.0000e-005 | 0.0243 | 6.4400e-003 | 6.0000e-005 | 6.5000e-003 | 0.0000 | 14.0119 | 14.0119 | 1.2000e-004 | 0.0000 | 14.0150 |

3.5 Paving - 2047

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.5 Paving - 2047

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.5000e-003 | 1.6800e-003 | 0.0259 | 1.5000e-004 | 0.0242 | 6.0000e-005 | 0.0243 | 6.4400e-003 | 6.0000e-005 | 6.5000e-003 | 0.0000 | 14.0119 | 14.0119 | 1.2000e-004 | 0.0000 | 14.0150 |
| Total | 2.5000e-003 | 1.6800e-003 | 0.0259 | 1.5000e-004 | 0.0242 | 6.0000e-005 | 0.0243 | 6.4400e-003 | 6.0000e-005 | 6.5000e-003 | 0.0000 | 14.0119 | 14.0119 | 1.2000e-004 | 0.0000 | 14.0150 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.5 Paving - 2047

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.5000e-003 | 1.6800e-003 | 0.0259 | 1.5000e-004 | 0.0242 | 6.0000e-005 | 0.0243 | 6.4400e-003 | 6.0000e-005 | 6.5000e-003 | 0.0000 | 14.0119 | 14.0119 | 1.2000e-004 | 0.0000 | 14.0150 |
| Total | 2.5000e-003 | 1.6800e-003 | 0.0259 | 1.5000e-004 | 0.0242 | 6.0000e-005 | 0.0243 | 6.4400e-003 | 6.0000e-005 | 6.5000e-003 | 0.0000 | 14.0119 | 14.0119 | 1.2000e-004 | 0.0000 | 14.0150 |

3.5 Paving - 2048

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1325 | 0.4790 | 2.0721 | 3.6700e-003 | | 0.0153 | 0.0153 | | 0.0153 | 0.0153 | 0.0000 | 315.7036 | 315.7036 | 0.0106 | 0.0000 | 315.9689 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1325 | 0.4790 | 2.0721 | 3.6700e-003 | | 0.0153 | 0.0153 | | 0.0153 | 0.0153 | 0.0000 | 315.7036 | 315.7036 | 0.0106 | 0.0000 | 315.9689 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.5 Paving - 2048

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.5100e-003 | 1.6900e-003 | 0.0260 | 1.6000e-004 | 0.0243 | 6.0000e-005 | 0.0244 | 6.4700e-003 | 6.0000e-005 | 6.5300e-003 | 0.0000 | 14.0656 | 14.0656 | 1.2000e-004 | 0.0000 | 14.0687 |
| Total | 2.5100e-003 | 1.6900e-003 | 0.0260 | 1.6000e-004 | 0.0243 | 6.0000e-005 | 0.0244 | 6.4700e-003 | 6.0000e-005 | 6.5300e-003 | 0.0000 | 14.0656 | 14.0656 | 1.2000e-004 | 0.0000 | 14.0687 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0367 | 0.1592 | 2.2657 | 3.6700e-003 | | 4.9000e-003 | 4.9000e-003 | | 4.9000e-003 | 4.9000e-003 | 0.0000 | 315.7033 | 315.7033 | 0.0106 | 0.0000 | 315.9685 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0367 | 0.1592 | 2.2657 | 3.6700e-003 | | 4.9000e-003 | 4.9000e-003 | | 4.9000e-003 | 4.9000e-003 | 0.0000 | 315.7033 | 315.7033 | 0.0106 | 0.0000 | 315.9685 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.5 Paving - 2048

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.5100e-003 | 1.6900e-003 | 0.0260 | 1.6000e-004 | 0.0243 | 6.0000e-005 | 0.0244 | 6.4700e-003 | 6.0000e-005 | 6.5300e-003 | 0.0000 | 14.0656 | 14.0656 | 1.2000e-004 | 0.0000 | 14.0687 |
| Total | 2.5100e-003 | 1.6900e-003 | 0.0260 | 1.6000e-004 | 0.0243 | 6.0000e-005 | 0.0244 | 6.4700e-003 | 6.0000e-005 | 6.5300e-003 | 0.0000 | 14.0656 | 14.0656 | 1.2000e-004 | 0.0000 | 14.0687 |

3.5 Paving - 2049

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

3.5 Paving - 2049

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.5000e-003 | 1.6800e-003 | 0.0259 | 1.5000e-004 | 0.0242 | 6.0000e-005 | 0.0243 | 6.4400e-003 | 6.0000e-005 | 6.5000e-003 | 0.0000 | 14.0119 | 14.0119 | 1.2000e-004 | 0.0000 | 14.0150 |
| Total | 2.5000e-003 | 1.6800e-003 | 0.0259 | 1.5000e-004 | 0.0242 | 6.0000e-005 | 0.0243 | 6.4400e-003 | 6.0000e-005 | 6.5000e-003 | 0.0000 | 14.0119 | 14.0119 | 1.2000e-004 | 0.0000 | 14.0150 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |

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3.5 Paving - 2049

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.5000e-003 | 1.6800e-003 | 0.0259 | 1.5000e-004 | 0.0242 | 6.0000e-005 | 0.0243 | 6.4400e-003 | 6.0000e-005 | 6.5000e-003 | 0.0000 | 14.0119 | 14.0119 | 1.2000e-004 | 0.0000 | 14.0150 |
| Total | 2.5000e-003 | 1.6800e-003 | 0.0259 | 1.5000e-004 | 0.0242 | 6.0000e-005 | 0.0243 | 6.4400e-003 | 6.0000e-005 | 6.5000e-003 | 0.0000 | 14.0119 | 14.0119 | 1.2000e-004 | 0.0000 | 14.0150 |

3.6 Architectural Coating - 2041

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 0.0497 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 1.1000e-004 | 7.3000e-004 | 1.7900e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | 0.0000 | 0.2553 | 0.2553 | 1.0000e-005 | 0.0000 | 0.2556 |
| Total | 0.0499 | 7.3000e-004 | 1.7900e-003 | 0.0000 | | 1.0000e-005 | 1.0000e-005 | | 1.0000e-005 | 1.0000e-005 | 0.0000 | 0.2553 | 0.2553 | 1.0000e-005 | 0.0000 | 0.2556 |

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3.6 Architectural Coating - 2041

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.4000e-004 | 5.9000e-004 | 9.0200e-003 | 5.0000e-005 | 7.9000e-003 | 2.0000e-005 | 7.9200e-003 | 2.1000e-003 | 2.0000e-005 | 2.1200e-003 | 0.0000 | 4.6442 | 4.6442 | 4.0000e-005 | 0.0000 | 4.6453 |
| Total | 9.4000e-004 | 5.9000e-004 | 9.0200e-003 | 5.0000e-005 | 7.9000e-003 | 2.0000e-005 | 7.9200e-003 | 2.1000e-003 | 2.0000e-005 | 2.1200e-003 | 0.0000 | 4.6442 | 4.6442 | 4.0000e-005 | 0.0000 | 4.6453 |

3.6 Architectural Coating - 2042

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 6.4916 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0150 | 0.0949 | 0.2339 | 3.9000e-004 | | 9.7000e-004 | 9.7000e-004 | | 9.7000e-004 | 9.7000e-004 | 0.0000 | 33.3200 | 33.3200 | 1.1700e-003 | 0.0000 | 33.3493 |
| Total | 6.5066 | 0.0949 | 0.2339 | 3.9000e-004 | | 9.7000e-004 | 9.7000e-004 | | 9.7000e-004 | 9.7000e-004 | 0.0000 | 33.3200 | 33.3200 | 1.1700e-003 | 0.0000 | 33.3493 |

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3.6 Architectural Coating - 2042

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1223 | 0.0769 | 1.1774 | 6.6900e-003 | 1.0312 | 3.0100e-003 | 1.0342 | 0.2741 | 2.7700e-003 | 0.2769 | 0.0000 | 606.0705 | 606.0705 | 5.7600e-003 | 0.0000 | 606.2145 |
| Total | 0.1223 | 0.0769 | 1.1774 | 6.6900e-003 | 1.0312 | 3.0100e-003 | 1.0342 | 0.2741 | 2.7700e-003 | 0.2769 | 0.0000 | 606.0705 | 606.0705 | 5.7600e-003 | 0.0000 | 606.2145 |

3.6 Architectural Coating - 2043

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 6.4916 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0150 | 0.0949 | 0.2339 | 3.9000e-004 | | 9.7000e-004 | 9.7000e-004 | | 9.7000e-004 | 9.7000e-004 | 0.0000 | 33.3200 | 33.3200 | 1.1700e-003 | 0.0000 | 33.3493 |
| Total | 6.5066 | 0.0949 | 0.2339 | 3.9000e-004 | | 9.7000e-004 | 9.7000e-004 | | 9.7000e-004 | 9.7000e-004 | 0.0000 | 33.3200 | 33.3200 | 1.1700e-003 | 0.0000 | 33.3493 |

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3.6 Architectural Coating - 2043

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1223 | 0.0769 | 1.1774 | 6.6900e-003 | 1.0312 | 3.0100e-003 | 1.0342 | 0.2741 | 2.7700e-003 | 0.2769 | 0.0000 | 606.0705 | 606.0705 | 5.7600e-003 | 0.0000 | 606.2145 |
| Total | 0.1223 | 0.0769 | 1.1774 | 6.6900e-003 | 1.0312 | 3.0100e-003 | 1.0342 | 0.2741 | 2.7700e-003 | 0.2769 | 0.0000 | 606.0705 | 606.0705 | 5.7600e-003 | 0.0000 | 606.2145 |

3.6 Architectural Coating - 2044

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 6.4916 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0150 | 0.0949 | 0.2339 | 3.9000e-004 | | 9.7000e-004 | 9.7000e-004 | | 9.7000e-004 | 9.7000e-004 | 0.0000 | 33.3200 | 33.3200 | 1.1700e-003 | 0.0000 | 33.3493 |
| Total | 6.5066 | 0.0949 | 0.2339 | 3.9000e-004 | | 9.7000e-004 | 9.7000e-004 | | 9.7000e-004 | 9.7000e-004 | 0.0000 | 33.3200 | 33.3200 | 1.1700e-003 | 0.0000 | 33.3493 |

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3.6 Architectural Coating - 2044

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1223 | 0.0769 | 1.1774 | 6.6900e-003 | 1.0312 | 3.0100e-003 | 1.0342 | 0.2741 | 2.7700e-003 | 0.2769 | 0.0000 | 606.0705 | 606.0705 | 5.7600e-003 | 0.0000 | 606.2145 |
| Total | 0.1223 | 0.0769 | 1.1774 | 6.6900e-003 | 1.0312 | 3.0100e-003 | 1.0342 | 0.2741 | 2.7700e-003 | 0.2769 | 0.0000 | 606.0705 | 606.0705 | 5.7600e-003 | 0.0000 | 606.2145 |

3.6 Architectural Coating - 2045

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 6.4668 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0149 | 0.0945 | 0.2330 | 3.9000e-004 | | 9.7000e-004 | 9.7000e-004 | | 9.7000e-004 | 9.7000e-004 | 0.0000 | 33.1923 | 33.1923 | 1.1700e-003 | 0.0000 | 33.2215 |
| Total | 6.4817 | 0.0945 | 0.2330 | 3.9000e-004 | | 9.7000e-004 | 9.7000e-004 | | 9.7000e-004 | 9.7000e-004 | 0.0000 | 33.1923 | 33.1923 | 1.1700e-003 | 0.0000 | 33.2215 |

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3.6 Architectural Coating - 2045

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1060 | 0.0713 | 1.0954 | 6.5500e-003 | 1.0272 | 2.6000e-003 | 1.0298 | 0.2730 | 2.4000e-003 | 0.2754 | 0.0000 | 593.6899 | 593.6899 | 5.2400e-003 | 0.0000 | 593.8210 |
| Total | 0.1060 | 0.0713 | 1.0954 | 6.5500e-003 | 1.0272 | 2.6000e-003 | 1.0298 | 0.2730 | 2.4000e-003 | 0.2754 | 0.0000 | 593.6899 | 593.6899 | 5.2400e-003 | 0.0000 | 593.8210 |

3.6 Architectural Coating - 2046

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 6.4916 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0150 | 0.0949 | 0.2339 | 3.9000e-004 | | 9.7000e-004 | 9.7000e-004 | | 9.7000e-004 | 9.7000e-004 | 0.0000 | 33.3200 | 33.3200 | 1.1700e-003 | 0.0000 | 33.3493 |
| Total | 6.5066 | 0.0949 | 0.2339 | 3.9000e-004 | | 9.7000e-004 | 9.7000e-004 | | 9.7000e-004 | 9.7000e-004 | 0.0000 | 33.3200 | 33.3200 | 1.1700e-003 | 0.0000 | 33.3493 |

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3.6 Architectural Coating - 2046

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1064 | 0.0716 | 1.0997 | 6.5700e-003 | 1.0312 | 2.6100e-003 | 1.0338 | 0.2741 | 2.4000e-003 | 0.2765 | 0.0000 | 595.9733 | 595.9733 | 5.2600e-003 | 0.0000 | 596.1049 |
| Total | 0.1064 | 0.0716 | 1.0997 | 6.5700e-003 | 1.0312 | 2.6100e-003 | 1.0338 | 0.2741 | 2.4000e-003 | 0.2765 | 0.0000 | 595.9733 | 595.9733 | 5.2600e-003 | 0.0000 | 596.1049 |

3.6 Architectural Coating - 2047

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 6.4916 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0150 | 0.0949 | 0.2339 | 3.9000e-004 | | 9.7000e-004 | 9.7000e-004 | | 9.7000e-004 | 9.7000e-004 | 0.0000 | 33.3200 | 33.3200 | 1.1700e-003 | 0.0000 | 33.3493 |
| Total | 6.5066 | 0.0949 | 0.2339 | 3.9000e-004 | | 9.7000e-004 | 9.7000e-004 | | 9.7000e-004 | 9.7000e-004 | 0.0000 | 33.3200 | 33.3200 | 1.1700e-003 | 0.0000 | 33.3493 |

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3.6 Architectural Coating - 2047

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1064 | 0.0716 | 1.0997 | 6.5700e-003 | 1.0312 | 2.6100e-003 | 1.0338 | 0.2741 | 2.4000e-003 | 0.2765 | 0.0000 | 595.9733 | 595.9733 | 5.2600e-003 | 0.0000 | 596.1049 |
| Total | 0.1064 | 0.0716 | 1.0997 | 6.5700e-003 | 1.0312 | 2.6100e-003 | 1.0338 | 0.2741 | 2.4000e-003 | 0.2765 | 0.0000 | 595.9733 | 595.9733 | 5.2600e-003 | 0.0000 | 596.1049 |

3.6 Architectural Coating - 2048

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 6.5165 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0151 | 0.0952 | 0.2348 | 3.9000e-004 | | 9.7000e-004 | 9.7000e-004 | | 9.7000e-004 | 9.7000e-004 | 0.0000 | 33.4476 | 33.4476 | 1.1800e-003 | 0.0000 | 33.4771 |
| Total | 6.5316 | 0.0952 | 0.2348 | 3.9000e-004 | | 9.7000e-004 | 9.7000e-004 | | 9.7000e-004 | 9.7000e-004 | 0.0000 | 33.4476 | 33.4476 | 1.1800e-003 | 0.0000 | 33.4771 |

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3.6 Architectural Coating - 2048

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1068 | 0.0718 | 1.1039 | 6.6000e-003 | 1.0351 | 2.6200e-003 | 1.0378 | 0.2751 | 2.4100e-003 | 0.2776 | 0.0000 | 598.2567 | 598.2567 | 5.2800e-003 | 0.0000 | 598.3888 |
| Total | 0.1068 | 0.0718 | 1.1039 | 6.6000e-003 | 1.0351 | 2.6200e-003 | 1.0378 | 0.2751 | 2.4100e-003 | 0.2776 | 0.0000 | 598.2567 | 598.2567 | 5.2800e-003 | 0.0000 | 598.3888 |

3.6 Architectural Coating - 2049

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 6.4916 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0150 | 0.0949 | 0.2339 | 3.9000e-004 | | 9.7000e-004 | 9.7000e-004 | | 9.7000e-004 | 9.7000e-004 | 0.0000 | 33.3200 | 33.3200 | 1.1700e-003 | 0.0000 | 33.3493 |
| Total | 6.5066 | 0.0949 | 0.2339 | 3.9000e-004 | | 9.7000e-004 | 9.7000e-004 | | 9.7000e-004 | 9.7000e-004 | 0.0000 | 33.3200 | 33.3200 | 1.1700e-003 | 0.0000 | 33.3493 |

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3.6 Architectural Coating - 2049

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1064 | 0.0716 | 1.0997 | 6.5700e-003 | 1.0312 | 2.6100e-003 | 1.0338 | 0.2741 | 2.4000e-003 | 0.2765 | 0.0000 | 595.9733 | 595.9733 | 5.2600e-003 | 0.0000 | 596.1049 |
| Total | 0.1064 | 0.0716 | 1.0997 | 6.5700e-003 | 1.0312 | 2.6100e-003 | 1.0338 | 0.2741 | 2.4000e-003 | 0.2765 | 0.0000 | 595.9733 | 595.9733 | 5.2600e-003 | 0.0000 | 596.1049 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Improve Pedestrian Network

Provide Traffic Calming Measures

Implement Trip Reduction Program

Transit Subsidy

Encourage Telecommuting and Alternative Work Schedules

Implement School Bus Program

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|---------|---------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|--------|--------|-------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 5.5493 | 64.2172 | 63.5981 | 0.4746 | 41.6543 | 0.1629 | 41.8173 | 11.1658 | 0.1525 | 11.3183 | 0.0000 | 44,170.8676 | 44,170.8676 | 2.1394 | 0.0000 | 44,224.3531 |
| Unmitigated | 5.8958 | 66.2341 | 69.2820 | 0.5171 | 45.9938 | 0.1786 | 46.1725 | 12.3291 | 0.1672 | 12.4963 | 0.0000 | 48,112.1621 | 48,112.1621 | 2.2125 | 0.0000 | 48,167.4746 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|-----------------------|-------------------------|------------------|------------------|--------------------|--------------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Condo/Townhouse | 0.00 | 0.00 | 0.00 | | |
| Elementary School | 0.00 | 0.00 | 0.00 | | |
| Single Family Housing | 32,818.35 | 32,818.35 | 32,818.35 | 122,042,225 | 110,527,609 |
| Strip Mall | 0.00 | 0.00 | 0.00 | | |
| City Park | 0.00 | 0.00 | 0.00 | | |
| Total | 32,818.35 | 32,818.35 | 32,818.35 | 122,042,225 | 110,527,609 |

4.3 Trip Type Information

| Land Use | Miles | | | Trip % | | | Trip Purpose % | | |
|-----------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| Condo/Townhouse | 16.80 | 7.10 | 7.90 | 42.30 | 19.60 | 38.10 | 86 | 11 | 3 |
| Elementary School | 14.70 | 6.60 | 6.60 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| Single Family Housing | 16.80 | 7.10 | 7.90 | 42.30 | 19.60 | 38.10 | 86 | 11 | 3 |
| Strip Mall | 14.70 | 6.60 | 6.60 | 16.60 | 64.40 | 19.00 | 45 | 40 | 15 |
| City Park | 14.70 | 6.60 | 6.60 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |

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4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Condo/Townhouse | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |
| Elementary School | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |
| Single Family Housing | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |
| Strip Mall | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |
| City Park | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable Energy

Install Energy Efficient Appliances

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|---------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|--------|--------|------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Electricity Mitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 2,076.5265 | 2,076.5265 | 0.1832 | 0.0379 | 2,092.3973 |
| Electricity Unmitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 4,904.8497 | 4,904.8497 | 0.4326 | 0.0895 | 4,942.3372 |
| NaturalGas Mitigated | 0.4455 | 3.8409 | 1.8666 | 0.0243 | | | 0.3078 | 0.3078 | | 0.3078 | 0.0000 | 4,409.2117 | 4,409.2117 | 0.0845 | 0.0808 | 4,435.4135 |
| NaturalGas Unmitigated | 0.4729 | 4.0770 | 1.9812 | 0.0258 | | | 0.3267 | 0.3267 | | 0.3267 | 0.0000 | 4,680.2794 | 4,680.2794 | 0.0897 | 0.0858 | 4,708.0920 |

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5.2 Energy by Land Use - NaturalGas

Unmitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 3.38292e+007 | 0.1824 | 1.5588 | 0.6633 | 9.9500e-003 | | 0.1260 | 0.1260 | | 0.1260 | 0.1260 | 0.0000 | 1,805.2543 | 1,805.2543 | 0.0346 | 0.0331 | 1,815.9820 |
| Elementary School | 1.4695e+006 | 7.9200e-003 | 0.0720 | 0.0605 | 4.3000e-004 | | 5.4700e-003 | 5.4700e-003 | | 5.4700e-003 | 5.4700e-003 | 0.0000 | 78.4179 | 78.4179 | 1.5000e-003 | 1.4400e-003 | 78.8839 |
| Single Family Housing | 4.17539e+007 | 0.2251 | 1.9240 | 0.8187 | 0.0123 | | 0.1556 | 0.1556 | | 0.1556 | 0.1556 | 0.0000 | 2,228.1497 | 2,228.1497 | 0.0427 | 0.0409 | 2,241.3905 |
| Strip Mall | 1.06525e+007 | 0.0574 | 0.5222 | 0.4386 | 3.1300e-003 | | 0.0397 | 0.0397 | | 0.0397 | 0.0397 | 0.0000 | 568.4575 | 568.4575 | 0.0109 | 0.0104 | 571.8356 |
| Total | | 0.4729 | 4.0770 | 1.9812 | 0.0258 | | 0.3267 | 0.3267 | | 0.3267 | 0.3267 | 0.0000 | 4,680.2794 | 4,680.2794 | 0.0897 | 0.0858 | 4,708.0920 |

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5.2 Energy by Land Use - NaturalGas

Mitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 3.19519e+007 | 0.1723 | 1.4723 | 0.6265 | 9.4000e-003 | | 0.1190 | 0.1190 | | 0.1190 | 0.1190 | 0.0000 | 1,705.0736 | 1,705.0736 | 0.0327 | 0.0313 | 1,715.2060 |
| Elementary School | 1.3745e+006 | 7.4100e-003 | 0.0674 | 0.0566 | 4.0000e-004 | | 5.1200e-003 | 5.1200e-003 | | 5.1200e-003 | 5.1200e-003 | 0.0000 | 73.3484 | 73.3484 | 1.4100e-003 | 1.3400e-003 | 73.7843 |
| Single Family Housing | 3.92474e+007 | 0.2116 | 1.8085 | 0.7696 | 0.0115 | | 0.1462 | 0.1462 | | 0.1462 | 0.1462 | 0.0000 | 2,094.3889 | 2,094.3889 | 0.0401 | 0.0384 | 2,106.8348 |
| Strip Mall | 1.00518e+007 | 0.0542 | 0.4927 | 0.4139 | 2.9600e-003 | | 0.0375 | 0.0375 | | 0.0375 | 0.0375 | 0.0000 | 536.4008 | 536.4008 | 0.0103 | 9.8300e-003 | 539.5884 |
| Total | | 0.4455 | 3.8409 | 1.8666 | 0.0243 | | 0.3078 | 0.3078 | | 0.3078 | 0.3078 | 0.0000 | 4,409.2117 | 4,409.2117 | 0.0845 | 0.0808 | 4,435.4135 |

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5.3 Energy by Land Use - Electricity

Unmitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 1.03718e+007 | 1,546.8553 | 0.1364 | 0.0282 | 1,558.6778 |
| Elementary School | 410827 | 61.2712 | 5.4000e-003 | 1.1200e-003 | 61.7395 |
| Single Family Housing | 1.39909e+007 | 2,086.6195 | 0.1840 | 0.0381 | 2,102.5674 |
| Strip Mall | 8.11381e+006 | 1,210.1037 | 0.1067 | 0.0221 | 1,219.3525 |
| Total | | 4,904.8497 | 0.4326 | 0.0895 | 4,942.3372 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 4.54377e+006 | 677.6629 | 0.0598 | 0.0124 | 682.8422 |
| Elementary School | 157285 | 23.4576 | 2.0700e-003 | 4.3000e-004 | 23.6369 |
| Single Family Housing | 6.16322e+006 | 919.1895 | 0.0811 | 0.0168 | 926.2148 |
| Strip Mall | 3.05896e+006 | 456.2165 | 0.0402 | 8.3300e-003 | 459.7034 |
| Total | | 2,076.5265 | 0.1832 | 0.0379 | 2,092.3973 |

6.0 Area Detail

6.1 Mitigation Measures Area

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- Use Electric Lawnmower
- Use Electric Leafblower
- Use Electric Chainsaw
- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- No Hearths Installed
- Use Low VOC Cleaning Supplies

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|--------|----------|-------------|---------------|--------------|------------|----------------|---------------|-------------|------------|------------|------------|---------|--------|------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 26.6280 | 0.2363 | 19.5547 | 8.9000e-004 | | 0.1069 | 0.1069 | | 0.1069 | 0.1069 | 0.0000 | 29.5521 | 29.5521 | 0.0211 | 0.0000 | 30.0786 |
| Unmitigated | 41.8050 | 3.5197 | 144.0417 | 0.3938 | | 19.4568 | 19.4568 | | 19.4568 | 19.4568 | 2,571.9803 | 1,549.8011 | 4,121.7815 | 12.0926 | 0.0276 | 4,432.3337 |

Village D Specific Plan - Phase III Construction - Madera County, Annual

6.2 Area by SubCategory

Unmitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|-----------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------|-------------------|----------------|---------------|-------------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 5.1983 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 22.7180 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 13.1178 | 3.2226 | 118.2999 | 0.3925 | | 19.3134 | 19.3134 | | 19.3134 | 19.3134 | 2,571.9803 | 1,507.5617 | 4,079.5421 | 12.0524 | 0.0276 | 4,389.0879 |
| Landscaping | 0.7709 | 0.2971 | 25.7418 | 1.3700e-003 | | 0.1434 | 0.1434 | | 0.1434 | 0.1434 | 0.0000 | 42.2394 | 42.2394 | 0.0403 | 0.0000 | 43.2458 |
| Total | 41.8050 | 3.5197 | 144.0417 | 0.3938 | | 19.4568 | 19.4568 | | 19.4568 | 19.4568 | 2,571.9803 | 1,549.8011 | 4,121.7815 | 12.0926 | 0.0276 | 4,432.3337 |

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6.2 Area by SubCategory

Mitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|----------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 5.1983 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 21.0210 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Landscaping | 0.4087 | 0.2363 | 19.5547 | 8.9000e-004 | | 0.1069 | 0.1069 | | 0.1069 | 0.1069 | 0.0000 | 29.5521 | 29.5521 | 0.0211 | 0.0000 | 30.0786 |
| Total | 26.6280 | 0.2363 | 19.5547 | 8.9000e-004 | | 0.1069 | 0.1069 | | 0.1069 | 0.1069 | 0.0000 | 29.5521 | 29.5521 | 0.0211 | 0.0000 | 30.0786 |

7.0 Water Detail

7.1 Mitigation Measures Water

- Apply Water Conservation Strategy
- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower

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| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|--------|--------|----------|
| Category | MT/yr | | | |
| Mitigated | 377.0457 | 7.9036 | 0.1915 | 631.6968 |
| Unmitigated | 471.3072 | 9.8795 | 0.2394 | 789.6210 |

7.2 Water by Land Use

Unmitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 59.5741 | 31.0973 | 2.7400e-003 | 5.7000e-004 | 31.3350 |
| Condo/Townhouse | 122.685 / 77.3449 | 178.3031 | 4.0100 | 0.0969 | 307.4402 |
| Elementary School | 1.69697 / 4.36363 | 4.1856 | 0.0556 | 1.3700e-003 | 5.9850 |
| Single Family Housing | 104.051 / 65.5974 | 151.2215 | 3.4009 | 0.0822 | 260.7445 |
| Strip Mall | 73.7436 / 45.1977 | 106.4997 | 2.4103 | 0.0583 | 184.1164 |
| Total | | 471.3072 | 9.8796 | 0.2394 | 789.6210 |

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7.2 Water by Land Use

Mitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 47.6593 | 24.8779 | 2.1900e-003 | 4.5000e-004 | 25.0680 |
| Condo/Townhouse | 98.148 / 61.8759 | 142.6425 | 3.2080 | 0.0776 | 245.9521 |
| Elementary School | 1.35757 / 3.49091 | 3.3485 | 0.0445 | 1.1000e-003 | 4.7880 |
| Single Family Housing | 83.2408 / 52.4779 | 120.9772 | 2.7207 | 0.0658 | 208.5956 |
| Strip Mall | 58.9949 / 36.1582 | 85.1998 | 1.9282 | 0.0466 | 147.2931 |
| Total | | 377.0457 | 7.9036 | 0.1915 | 631.6968 |

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|---------|--------|------------|
| | MT/yr | | | |
| Mitigated | 561.4258 | 33.1793 | 0.0000 | 1,390.9087 |
| Unmitigated | 748.5677 | 44.2391 | 0.0000 | 1,854.5449 |

8.2 Waste by Land Use

Unmitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-----------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 4.3 | 0.8729 | 0.0516 | 0.0000 | 2.1625 |
| Condo/Townhouse | 866.18 | 175.8267 | 10.3911 | 0.0000 | 435.6032 |
| Elementary School | 127.75 | 25.9321 | 1.5325 | 0.0000 | 64.2457 |
| Single Family Housing | 1644.12 | 333.7415 | 19.7236 | 0.0000 | 826.8304 |
| Strip Mall | 1045.34 | 212.1946 | 12.5403 | 0.0000 | 525.7031 |
| Total | | 748.5677 | 44.2391 | 0.0000 | 1,854.5449 |

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8.2 Waste by Land Use

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-----------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 3.225 | 0.6547 | 0.0387 | 0.0000 | 1.6219 |
| Condo/Townhouse | 649.635 | 131.8700 | 7.7933 | 0.0000 | 326.7024 |
| Elementary School | 95.8125 | 19.4491 | 1.1494 | 0.0000 | 48.1843 |
| Single Family Housing | 1233.09 | 250.3061 | 14.7927 | 0.0000 | 620.1228 |
| Strip Mall | 784.005 | 159.1459 | 9.4053 | 0.0000 | 394.2773 |
| Total | | 561.4258 | 33.1793 | 0.0000 | 1,390.9087 |

9.0 Operational Offroad

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

| Equipment Type | Number | Hours/Day | Hours/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|------------|-------------|-------------|-----------|
|----------------|--------|-----------|------------|-------------|-------------|-----------|

Boilers

| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

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User Defined Equipment

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

11.0 Vegetation

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II)
Madera County, Annual

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-----------------------|----------|---------------|-------------|--------------------|------------|
| Office Park | 232.61 | 1000sqft | 29.69 | 232,610.00 | 0 |
| Elementary School | 1,400.00 | Student | 33.85 | 117,044.72 | 0 |
| City Park | 114.66 | Acre | 114.66 | 4,994,589.60 | 0 |
| Condo/Townhouse | 2,278.00 | Dwelling Unit | 269.32 | 2,278,000.00 | 6515 |
| Single Family Housing | 5,043.00 | Dwelling Unit | 618.87 | 9,077,400.00 | 14423 |
| Strip Mall | 840.00 | 1000sqft | 55.07 | 840,000.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|--------------------------------|--------------------------------|--------------------------------|-------|----------------------------------|-------|
| Urbanization | Rural | Wind Speed (m/s) | 2.9 | Precipitation Freq (Days) | 51 |
| Climate Zone | 3 | | | Operational Year | 2050 |
| Utility Company | Pacific Gas & Electric Company | | | | |
| CO2 Intensity (lb/MWhr) | 328.8 | CH4 Intensity (lb/MWhr) | 0.029 | N2O Intensity (lb/MWhr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

Project Characteristics - CO2 intensity based on 5-year average (PG&E 2015)

Land Use - Based on land use summary

Construction Phase - Operational run only

Vehicle Trips - Based on trip generation prepared for the proposed project

Construction Off-road Equipment Mitigation - Assuming Tier 2 construction equipment and compliance with SJVAPCD Rule 9510

Mobile Land Use Mitigation -

Mobile Commute Mitigation - Implement trip reduction program, encourage telecommuting, employee vanpool/shuttle, and ride sharing program

Area Mitigation - Only natural gas hearth and use low VOC paint

Energy Mitigation - Assuming energy-efficient clothes washers, dishwashers, fans, and refrigerators in all residential units. Mitigation includes exceed Title 24 by 20%, 20% lighting energy reduction, and 20 percent on-site renewable energy

Water Mitigation - Mitigation includes applying a water conservation strategy to reduce water usage by 20%

Waste Mitigation - Assuming 25 percent reduction in waste disposed, consistent with the CalRecycle Waste Diversion and Recycling Mandate

| Table Name | Column Name | Default Value | New Value |
|---------------------------|------------------------------|---------------|-----------|
| tblAreaMitigation | UseLowVOCPaintParkingCheck | False | True |
| tblConstDustMitigation | WaterUnpavedRoadVehicleSpeed | 0 | 15 |
| tblConstructionPhase | NumDays | 6,000.00 | 2,610.00 |
| tblConstructionPhase | NumDays | 15,500.00 | 2,610.00 |
| tblConstructionPhase | NumDays | 155,000.00 | 2,610.00 |
| tblConstructionPhase | NumDays | 11,000.00 | 2,610.00 |
| tblConstructionPhase | NumDays | 11,000.00 | 2,610.00 |
| tblGrading | AcresOfGrading | 6,525.00 | 38,750.00 |
| tblLandUse | LotAcreage | 5.34 | 29.69 |
| tblLandUse | LotAcreage | 2.69 | 33.85 |
| tblLandUse | LotAcreage | 142.38 | 269.32 |
| tblLandUse | LotAcreage | 1,637.34 | 618.87 |
| tblLandUse | LotAcreage | 19.28 | 55.07 |
| tblProjectCharacteristics | CO2IntensityFactor | 641.35 | 328.8 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

| tblProjectCharacteristics | UrbanizationLevel | Urban | Rural |
|---------------------------|--------------------|--------|----------|
| tblVehicleTrips | HO_TL | 7.90 | 7.11 |
| tblVehicleTrips | HS_TL | 7.10 | 6.39 |
| tblVehicleTrips | HW_TL | 16.80 | 15.12 |
| tblVehicleTrips | ST_TR | 22.75 | 0.00 |
| tblVehicleTrips | ST_TR | 5.67 | 0.00 |
| tblVehicleTrips | ST_TR | 1.64 | 0.00 |
| tblVehicleTrips | ST_TR | 9.91 | 9.18 |
| tblVehicleTrips | ST_TR | 42.04 | 0.00 |
| tblVehicleTrips | SU_TR | 16.74 | 0.00 |
| tblVehicleTrips | SU_TR | 4.84 | 0.00 |
| tblVehicleTrips | SU_TR | 0.76 | 0.00 |
| tblVehicleTrips | SU_TR | 8.62 | 9.18 |
| tblVehicleTrips | SU_TR | 20.43 | 0.00 |
| tblVehicleTrips | WD_TR | 1.89 | 0.00 |
| tblVehicleTrips | WD_TR | 5.81 | 0.00 |
| tblVehicleTrips | WD_TR | 1.29 | 0.00 |
| tblVehicleTrips | WD_TR | 11.42 | 0.00 |
| tblVehicleTrips | WD_TR | 9.52 | 9.18 |
| tblVehicleTrips | WD_TR | 44.32 | 0.00 |
| tblWoodstoves | NumberCatalytic | 269.32 | 142.38 |
| tblWoodstoves | NumberCatalytic | 618.87 | 1,637.34 |
| tblWoodstoves | NumberNoncatalytic | 269.32 | 142.38 |
| tblWoodstoves | NumberNoncatalytic | 618.87 | 1,637.34 |

2.0 Emissions Summary

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

2.1 Overall Construction

Unmitigated Construction

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------------|-------------------------|---------------|---------------|-------------------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2021 | 19.1756 | 43.4818 | 57.0626 | 0.1944 | 36.6480 | 0.9064 | 37.5544 | 7.4198 | 0.8400 | 8.2598 | 0.0000 | 17,784.49 81 | 17,784.49 81 | 1.3190 | 0.0000 | 17,817.47 18 |
| 2022 | 18.4936 | 39.3947 | 52.5489 | 0.1897 | 36.6480 | 0.7572 | 37.4052 | 7.4198 | 0.7019 | 8.1217 | 0.0000 | 17,361.96 30 | 17,361.96 30 | 1.2782 | 0.0000 | 17,393.91 84 |
| 2023 | 17.7777 | 32.2340 | 48.1571 | 0.1841 | 36.6480 | 0.6149 | 37.2629 | 7.4198 | 0.5690 | 7.9888 | 0.0000 | 16,851.99 90 | 16,851.99 90 | 1.1075 | 0.0000 | 16,879.68 57 |
| 2024 | 17.5575 | 31.5144 | 46.0776 | 0.1830 | 36.7719 | 0.5859 | 37.3577 | 7.4598 | 0.5419 | 8.0018 | 0.0000 | 16,753.78 24 | 16,753.78 24 | 1.1121 | 0.0000 | 16,781.58 58 |
| 2025 | 17.0973 | 29.8939 | 42.8343 | 0.1777 | 36.7099 | 0.5173 | 37.2273 | 7.4398 | 0.4785 | 7.9183 | 0.0000 | 16,274.91 21 | 16,274.91 21 | 1.1029 | 0.0000 | 16,302.48 53 |
| 2026 | 16.8624 | 29.5441 | 41.1149 | 0.1762 | 36.7099 | 0.5183 | 37.2282 | 7.4398 | 0.4794 | 7.9192 | 0.0000 | 16,137.07 97 | 16,137.07 97 | 1.0965 | 0.0000 | 16,164.49 29 |
| 2027 | 16.6140 | 29.1908 | 39.0387 | 0.1725 | 36.7099 | 0.5138 | 37.2237 | 7.4398 | 0.4752 | 7.9150 | 0.0000 | 15,801.61 23 | 15,801.61 23 | 1.0785 | 0.0000 | 15,828.57 48 |
| 2028 | 16.2873 | 28.7840 | 37.0609 | 0.1686 | 36.6480 | 0.5061 | 37.1541 | 7.4198 | 0.4681 | 7.8880 | 0.0000 | 15,448.39 68 | 15,448.39 68 | 1.0580 | 0.0000 | 15,474.84 63 |
| 2029 | 16.0852 | 28.6157 | 35.5059 | 0.1664 | 36.7100 | 0.5028 | 37.2127 | 7.4398 | 0.4651 | 7.9049 | 0.0000 | 15,248.43 75 | 15,248.43 75 | 1.0446 | 0.0000 | 15,274.55 26 |
| 2030 | 15.9110 | 24.1937 | 33.4995 | 0.1672 | 36.7100 | 0.2641 | 36.9740 | 7.4398 | 0.2583 | 7.6982 | 0.0000 | 15,343.54 80 | 15,343.54 80 | 0.5902 | 0.0000 | 15,358.30 32 |
| 2031 | 0.1797 | 0.2755 | 0.3683 | 1.9000e-003 | 20.7330 | 2.9800e-003 | 20.7360 | 2.2786 | 2.9200e-003 | 2.2816 | 0.0000 | 174.0988 | 174.0988 | 6.6300e-003 | 0.0000 | 174.2645 |
| Maximum | 19.1756 | 43.4818 | 57.0626 | 0.1944 | 36.7719 | 0.9064 | 37.5544 | 7.4598 | 0.8400 | 8.2598 | 0.0000 | 17,784.49 81 | 17,784.49 81 | 1.3190 | 0.0000 | 17,817.47 18 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

| Quarter | Start Date | End Date | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|-----------|--|--|
| 1 | 1-7-2030 | 4-6-2030 | 9.9614 | 9.9614 |
| 2 | 4-7-2030 | 7-6-2030 | 9.9988 | 9.9988 |
| 3 | 7-7-2030 | 10-6-2030 | 10.1139 | 10.1139 |
| 4 | 10-7-2030 | 1-6-2031 | 9.8513 | 9.8513 |
| | | Highest | 10.1139 | 10.1139 |

2.2 Overall Operational

Unmitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|-----------------|-----------------|-----------------|---------------|----------------|----------------|-----------------|----------------|----------------|----------------|-------------------|--------------------|--------------------|-----------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 98.7381 | 8.7368 | 384.6946 | 1.0950 | | 54.2563 | 54.2563 | | 54.2563 | 54.2563 | 7,194.9148 | 3,260.3525 | 10,455.2673 | 33.7802 | 0.0581 | 11,317.0991 |
| Energy | 1.0245 | 8.8057 | 4.0971 | 0.0559 | | 0.7079 | 0.7079 | | 0.7079 | 0.7079 | 0.0000 | 20,147.7526 | 20,147.7526 | 1.0771 | 0.3685 | 20,284.4996 |
| Mobile | 7.7989 | 90.4176 | 89.2360 | 0.6659 | 58.3944 | 0.2285 | 58.6229 | 15.6531 | 0.2139 | 15.8670 | 0.0000 | 61,977.7678 | 61,977.7678 | 3.0118 | 0.0000 | 62,053.0628 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 1,543.5128 | 0.0000 | 1,543.5128 | 91.2190 | 0.0000 | 3,823.9877 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 185.2604 | 737.2209 | 922.4814 | 19.0931 | 0.4628 | 1,537.7058 |
| Total | 107.5616 | 107.9600 | 478.0277 | 1.8168 | 58.3944 | 55.1926 | 113.5870 | 15.6531 | 55.1780 | 70.8311 | 8,923.6881 | 86,123.0939 | 95,046.7820 | 148.1811 | 0.8894 | 99,016.3550 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

2.2 Overall Operational

Mitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|-------------------|--------------------|--------------------|----------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 62.1477 | 0.6249 | 54.1441 | 2.8700e-003 | | 0.3015 | 0.3015 | | 0.3015 | 0.3015 | 0.0000 | 88.8411 | 88.8411 | 0.0846 | 0.0000 | 90.9571 |
| Energy | 0.8513 | 7.3169 | 3.4024 | 0.0464 | | 0.5882 | 0.5882 | | 0.5882 | 0.5882 | 0.0000 | 17,540.2734 | 17,540.2734 | 0.9654 | 0.3208 | 17,660.0059 |
| Mobile | 7.4102 | 88.1549 | 82.8593 | 0.6183 | 53.5260 | 0.2109 | 53.7368 | 14.3481 | 0.1974 | 14.5455 | 0.0000 | 57,556.0760 | 57,556.0760 | 2.9298 | 0.0000 | 57,629.3213 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 1,157.6346 | 0.0000 | 1,157.6346 | 68.4143 | 0.0000 | 2,867.9908 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 148.2084 | 589.7767 | 737.9851 | 15.2744 | 0.3702 | 1,230.1646 |
| Total | 70.4092 | 96.0967 | 140.4057 | 0.6676 | 53.5260 | 1.1006 | 54.6266 | 14.3481 | 1.0871 | 15.4352 | 1,305.8430 | 75,774.9672 | 77,080.8102 | 87.6686 | 0.6910 | 79,478.4396 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|----------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Percent Reduction | 34.54 | 10.99 | 70.63 | 63.26 | 8.34 | 98.01 | 51.91 | 8.34 | 98.03 | 78.21 | 85.37 | 12.02 | 18.90 | 40.84 | 22.31 | 19.73 |

3.0 Construction Detail

Construction Phase

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|----------|---------------|----------|-------------------|
| 1 | Site Preparation | Site Preparation | 1/4/2021 | 1/3/2031 | 5 | 2610 | |
| 2 | Grading | Grading | 1/4/2021 | 1/3/2031 | 5 | 2610 | |
| 3 | Building Construction | Building Construction | 1/4/2021 | 1/3/2031 | 5 | 2610 | |
| 4 | Paving | Paving | 1/4/2021 | 1/3/2031 | 5 | 2610 | |
| 5 | Architectural Coating | Architectural Coating | 1/4/2021 | 1/3/2031 | 5 | 2610 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 38750

Acres of Paving: 0

Residential Indoor: 22,994,685; Residential Outdoor: 7,664,895; Non-Residential Indoor: 1,784,482; Non-Residential Outdoor: 594,827; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Site Preparation | Rubber Tired Dozers | 3 | 8.00 | 247 | 0.40 |
| Site Preparation | Tractors/Loaders/Backhoes | 4 | 8.00 | 97 | 0.37 |
| Grading | Excavators | 2 | 8.00 | 158 | 0.38 |
| Grading | Graders | 1 | 8.00 | 187 | 0.41 |
| Grading | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Grading | Scrapers | 2 | 8.00 | 367 | 0.48 |
| Grading | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Building Construction | Cranes | 1 | 7.00 | 231 | 0.29 |
| Building Construction | Forklifts | 3 | 8.00 | 89 | 0.20 |
| Building Construction | Generator Sets | 1 | 8.00 | 84 | 0.74 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97 | 0.37 |
| Building Construction | Welders | 1 | 8.00 | 46 | 0.45 |
| Paving | Pavers | 2 | 8.00 | 130 | 0.42 |
| Paving | Paving Equipment | 2 | 8.00 | 132 | 0.36 |
| Paving | Rollers | 2 | 8.00 | 80 | 0.38 |
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 5,946.00 | 1,796.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 1,189.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3486 | 0.0000 | 2.3486 | 1.2910 | 0.0000 | 1.2910 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | | 0.2658 | 0.2658 | | 0.2445 | 0.2445 | 0.0000 | 434.6643 | 434.6643 | 0.1406 | 0.0000 | 438.1788 |
| Total | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | 2.3486 | 0.2658 | 2.6144 | 1.2910 | 0.2445 | 1.5355 | 0.0000 | 434.6643 | 434.6643 | 0.1406 | 0.0000 | 438.1788 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.2 Site Preparation - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |
| Total | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0569 | 0.0000 | 1.0569 | 0.5809 | 0.0000 | 0.5809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | | 0.2658 | 0.2658 | | 0.2445 | 0.2445 | 0.0000 | 434.6638 | 434.6638 | 0.1406 | 0.0000 | 438.1783 |
| Total | 0.5055 | 5.2646 | 2.7501 | 4.9400e-003 | 1.0569 | 0.2658 | 1.3227 | 0.5809 | 0.2445 | 0.8255 | 0.0000 | 434.6638 | 434.6638 | 0.1406 | 0.0000 | 438.1783 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.2 Site Preparation - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |
| Total | 0.0136 | 9.2200e-003 | 0.1008 | 2.8000e-004 | 0.0290 | 2.2000e-004 | 0.0292 | 7.7000e-003 | 2.0000e-004 | 7.9000e-003 | 0.0000 | 25.6171 | 25.6171 | 7.3000e-004 | 0.0000 | 25.6353 |

3.2 Site Preparation - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3486 | 0.0000 | 2.3486 | 1.2910 | 0.0000 | 1.2910 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4121 | 4.3009 | 2.5607 | 4.9500e-003 | | 0.2096 | 0.2096 | | 0.1929 | 0.1929 | 0.0000 | 434.7121 | 434.7121 | 0.1406 | 0.0000 | 438.2270 |
| Total | 0.4121 | 4.3009 | 2.5607 | 4.9500e-003 | 2.3486 | 0.2096 | 2.5582 | 1.2910 | 0.1929 | 1.4839 | 0.0000 | 434.7121 | 434.7121 | 0.1406 | 0.0000 | 438.2270 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.2 Site Preparation - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0126 | 8.2400e-003 | 0.0921 | 2.7000e-004 | 0.0290 | 2.1000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.9000e-003 | 0.0000 | 24.6904 | 24.6904 | 6.5000e-004 | 0.0000 | 24.7067 |
| Total | 0.0126 | 8.2400e-003 | 0.0921 | 2.7000e-004 | 0.0290 | 2.1000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.9000e-003 | 0.0000 | 24.6904 | 24.6904 | 6.5000e-004 | 0.0000 | 24.7067 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0569 | 0.0000 | 1.0569 | 0.5809 | 0.0000 | 0.5809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4121 | 4.3009 | 2.5607 | 4.9500e-003 | | 0.2096 | 0.2096 | | 0.1929 | 0.1929 | 0.0000 | 434.7116 | 434.7116 | 0.1406 | 0.0000 | 438.2264 |
| Total | 0.4121 | 4.3009 | 2.5607 | 4.9500e-003 | 1.0569 | 0.2096 | 1.2665 | 0.5809 | 0.1929 | 0.7738 | 0.0000 | 434.7116 | 434.7116 | 0.1406 | 0.0000 | 438.2264 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.2 Site Preparation - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0126 | 8.2400e-003 | 0.0921 | 2.7000e-004 | 0.0290 | 2.1000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.9000e-003 | 0.0000 | 24.6904 | 24.6904 | 6.5000e-004 | 0.0000 | 24.7067 |
| Total | 0.0126 | 8.2400e-003 | 0.0921 | 2.7000e-004 | 0.0290 | 2.1000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.9000e-003 | 0.0000 | 24.6904 | 24.6904 | 6.5000e-004 | 0.0000 | 24.7067 |

3.2 Site Preparation - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3486 | 0.0000 | 2.3486 | 1.2910 | 0.0000 | 1.2910 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3457 | 3.5781 | 2.3718 | 4.9500e-003 | | 0.1646 | 0.1646 | | 0.1514 | 0.1514 | 0.0000 | 434.8591 | 434.8591 | 0.1406 | 0.0000 | 438.3751 |
| Total | 0.3457 | 3.5781 | 2.3718 | 4.9500e-003 | 2.3486 | 0.1646 | 2.5132 | 1.2910 | 0.1514 | 1.4424 | 0.0000 | 434.8591 | 434.8591 | 0.1406 | 0.0000 | 438.3751 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.2 Site Preparation - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0117 | 7.3700e-003 | 0.0842 | 2.6000e-004 | 0.0290 | 2.0000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.8900e-003 | 0.0000 | 23.7569 | 23.7569 | 5.8000e-004 | 0.0000 | 23.7714 |
| Total | 0.0117 | 7.3700e-003 | 0.0842 | 2.6000e-004 | 0.0290 | 2.0000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.8900e-003 | 0.0000 | 23.7569 | 23.7569 | 5.8000e-004 | 0.0000 | 23.7714 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0569 | 0.0000 | 1.0569 | 0.5809 | 0.0000 | 0.5809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3457 | 3.5781 | 2.3718 | 4.9500e-003 | | 0.1646 | 0.1646 | | 0.1514 | 0.1514 | 0.0000 | 434.8585 | 434.8585 | 0.1406 | 0.0000 | 438.3746 |
| Total | 0.3457 | 3.5781 | 2.3718 | 4.9500e-003 | 1.0569 | 0.1646 | 1.2215 | 0.5809 | 0.1514 | 0.7324 | 0.0000 | 434.8585 | 434.8585 | 0.1406 | 0.0000 | 438.3746 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.2 Site Preparation - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0117 | 7.3700e-003 | 0.0842 | 2.6000e-004 | 0.0290 | 2.0000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.8900e-003 | 0.0000 | 23.7569 | 23.7569 | 5.8000e-004 | 0.0000 | 23.7714 |
| Total | 0.0117 | 7.3700e-003 | 0.0842 | 2.6000e-004 | 0.0290 | 2.0000e-004 | 0.0292 | 7.7000e-003 | 1.9000e-004 | 7.8900e-003 | 0.0000 | 23.7569 | 23.7569 | 5.8000e-004 | 0.0000 | 23.7714 |

3.2 Site Preparation - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3667 | 0.0000 | 2.3667 | 1.3009 | 0.0000 | 1.3009 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3486 | 3.5601 | 2.4020 | 4.9900e-003 | | 0.1610 | 0.1610 | | 0.1482 | 0.1482 | 0.0000 | 438.2875 | 438.2875 | 0.1418 | 0.0000 | 441.8313 |
| Total | 0.3486 | 3.5601 | 2.4020 | 4.9900e-003 | 2.3667 | 0.1610 | 2.5277 | 1.3009 | 0.1482 | 1.4491 | 0.0000 | 438.2875 | 438.2875 | 0.1418 | 0.0000 | 441.8313 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.2 Site Preparation - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0111 | 6.7400e-003 | 0.0798 | 2.6000e-004 | 0.0292 | 2.1000e-004 | 0.0294 | 7.7600e-003 | 1.9000e-004 | 7.9500e-003 | 0.0000 | 23.4800 | 23.4800 | 5.5000e-004 | 0.0000 | 23.4936 |
| Total | 0.0111 | 6.7400e-003 | 0.0798 | 2.6000e-004 | 0.0292 | 2.1000e-004 | 0.0294 | 7.7600e-003 | 1.9000e-004 | 7.9500e-003 | 0.0000 | 23.4800 | 23.4800 | 5.5000e-004 | 0.0000 | 23.4936 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0650 | 0.0000 | 1.0650 | 0.5854 | 0.0000 | 0.5854 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3486 | 3.5601 | 2.4020 | 4.9900e-003 | | 0.1610 | 0.1610 | | 0.1482 | 0.1482 | 0.0000 | 438.2870 | 438.2870 | 0.1418 | 0.0000 | 441.8308 |
| Total | 0.3486 | 3.5601 | 2.4020 | 4.9900e-003 | 1.0650 | 0.1610 | 1.2261 | 0.5854 | 0.1482 | 0.7336 | 0.0000 | 438.2870 | 438.2870 | 0.1418 | 0.0000 | 441.8308 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.2 Site Preparation - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0111 | 6.7400e-003 | 0.0798 | 2.6000e-004 | 0.0292 | 2.1000e-004 | 0.0294 | 7.7600e-003 | 1.9000e-004 | 7.9500e-003 | 0.0000 | 23.4800 | 23.4800 | 5.5000e-004 | 0.0000 | 23.4936 |
| Total | 0.0111 | 6.7400e-003 | 0.0798 | 2.6000e-004 | 0.0292 | 2.1000e-004 | 0.0294 | 7.7600e-003 | 1.9000e-004 | 7.9500e-003 | 0.0000 | 23.4800 | 23.4800 | 5.5000e-004 | 0.0000 | 23.4936 |

3.2 Site Preparation - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3577 | 0.0000 | 2.3577 | 1.2960 | 0.0000 | 1.2960 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 2.3577 | 0.1418 | 2.4995 | 1.2960 | 0.1305 | 1.4264 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.2 Site Preparation - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0103 | 6.0700e-003 | 0.0733 | 2.5000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.4519 | 22.4519 | 4.9000e-004 | 0.0000 | 22.4641 |
| Total | 0.0103 | 6.0700e-003 | 0.0733 | 2.5000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.4519 | 22.4519 | 4.9000e-004 | 0.0000 | 22.4641 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0609 | 0.0000 | 1.0609 | 0.5832 | 0.0000 | 0.5832 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 1.0609 | 0.1418 | 1.2028 | 0.5832 | 0.1305 | 0.7137 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.2 Site Preparation - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0103 | 6.0700e-003 | 0.0733 | 2.5000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.4519 | 22.4519 | 4.9000e-004 | 0.0000 | 22.4641 |
| Total | 0.0103 | 6.0700e-003 | 0.0733 | 2.5000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.4519 | 22.4519 | 4.9000e-004 | 0.0000 | 22.4641 |

3.2 Site Preparation - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3577 | 0.0000 | 2.3577 | 1.2960 | 0.0000 | 1.2960 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 2.3577 | 0.1418 | 2.4995 | 1.2960 | 0.1305 | 1.4264 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.2 Site Preparation - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.7600e-003 | 5.6000e-003 | 0.0694 | 2.5000e-004 | 0.0291 | 2.1000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.1999 | 22.1999 | 4.7000e-004 | 0.0000 | 22.2115 |
| Total | 9.7600e-003 | 5.6000e-003 | 0.0694 | 2.5000e-004 | 0.0291 | 2.1000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.1999 | 22.1999 | 4.7000e-004 | 0.0000 | 22.2115 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0609 | 0.0000 | 1.0609 | 0.5832 | 0.0000 | 0.5832 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 1.0609 | 0.1418 | 1.2028 | 0.5832 | 0.1305 | 0.7137 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.2 Site Preparation - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.7600e-003 | 5.6000e-003 | 0.0694 | 2.5000e-004 | 0.0291 | 2.1000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.1999 | 22.1999 | 4.7000e-004 | 0.0000 | 22.2115 |
| Total | 9.7600e-003 | 5.6000e-003 | 0.0694 | 2.5000e-004 | 0.0291 | 2.1000e-004 | 0.0293 | 7.7300e-003 | 1.9000e-004 | 7.9200e-003 | 0.0000 | 22.1999 | 22.1999 | 4.7000e-004 | 0.0000 | 22.2115 |

3.2 Site Preparation - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3577 | 0.0000 | 2.3577 | 1.2960 | 0.0000 | 1.2960 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 2.3577 | 0.1418 | 2.4995 | 1.2960 | 0.1305 | 1.4264 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.2 Site Preparation - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.1700e-003 | 5.1100e-003 | 0.0646 | 2.4000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.8000e-004 | 7.9100e-003 | 0.0000 | 21.4404 | 21.4404 | 4.2000e-004 | 0.0000 | 21.4509 |
| Total | 9.1700e-003 | 5.1100e-003 | 0.0646 | 2.4000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.8000e-004 | 7.9100e-003 | 0.0000 | 21.4404 | 21.4404 | 4.2000e-004 | 0.0000 | 21.4509 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0609 | 0.0000 | 1.0609 | 0.5832 | 0.0000 | 0.5832 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 1.0609 | 0.1418 | 1.2028 | 0.5832 | 0.1305 | 0.7137 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.2 Site Preparation - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.1700e-003 | 5.1100e-003 | 0.0646 | 2.4000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.8000e-004 | 7.9100e-003 | 0.0000 | 21.4404 | 21.4404 | 4.2000e-004 | 0.0000 | 21.4509 |
| Total | 9.1700e-003 | 5.1100e-003 | 0.0646 | 2.4000e-004 | 0.0291 | 2.0000e-004 | 0.0293 | 7.7300e-003 | 1.8000e-004 | 7.9100e-003 | 0.0000 | 21.4404 | 21.4404 | 4.2000e-004 | 0.0000 | 21.4509 |

3.2 Site Preparation - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3486 | 0.0000 | 2.3486 | 1.2910 | 0.0000 | 1.2910 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3215 | 3.2804 | 2.3285 | 4.9500e-003 | | 0.1413 | 0.1413 | | 0.1300 | 0.1300 | 0.0000 | 435.0708 | 435.0708 | 0.1407 | 0.0000 | 438.5886 |
| Total | 0.3215 | 3.2804 | 2.3285 | 4.9500e-003 | 2.3486 | 0.1413 | 2.4899 | 1.2910 | 0.1300 | 1.4210 | 0.0000 | 435.0708 | 435.0708 | 0.1407 | 0.0000 | 438.5886 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.2 Site Preparation - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.5000e-003 | 4.6500e-003 | 0.0601 | 2.3000e-004 | 0.0290 | 1.8000e-004 | 0.0292 | 7.7000e-003 | 1.7000e-004 | 7.8700e-003 | 0.0000 | 20.6890 | 20.6890 | 3.8000e-004 | 0.0000 | 20.6986 |
| Total | 8.5000e-003 | 4.6500e-003 | 0.0601 | 2.3000e-004 | 0.0290 | 1.8000e-004 | 0.0292 | 7.7000e-003 | 1.7000e-004 | 7.8700e-003 | 0.0000 | 20.6890 | 20.6890 | 3.8000e-004 | 0.0000 | 20.6986 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0569 | 0.0000 | 1.0569 | 0.5809 | 0.0000 | 0.5809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3215 | 3.2804 | 2.3285 | 4.9500e-003 | | 0.1413 | 0.1413 | | 0.1300 | 0.1300 | 0.0000 | 435.0703 | 435.0703 | 0.1407 | 0.0000 | 438.5881 |
| Total | 0.3215 | 3.2804 | 2.3285 | 4.9500e-003 | 1.0569 | 0.1413 | 1.1982 | 0.5809 | 0.1300 | 0.7109 | 0.0000 | 435.0703 | 435.0703 | 0.1407 | 0.0000 | 438.5881 |

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3.2 Site Preparation - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.5000e-003 | 4.6500e-003 | 0.0601 | 2.3000e-004 | 0.0290 | 1.8000e-004 | 0.0292 | 7.7000e-003 | 1.7000e-004 | 7.8700e-003 | 0.0000 | 20.6890 | 20.6890 | 3.8000e-004 | 0.0000 | 20.6986 |
| Total | 8.5000e-003 | 4.6500e-003 | 0.0601 | 2.3000e-004 | 0.0290 | 1.8000e-004 | 0.0292 | 7.7000e-003 | 1.7000e-004 | 7.8700e-003 | 0.0000 | 20.6890 | 20.6890 | 3.8000e-004 | 0.0000 | 20.6986 |

3.2 Site Preparation - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3577 | 0.0000 | 2.3577 | 1.2960 | 0.0000 | 1.2960 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 2.3577 | 0.1418 | 2.4995 | 1.2960 | 0.1305 | 1.4264 | 0.0000 | 436.7442 | 436.7442 | 0.1413 | 0.0000 | 440.2755 |

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3.2 Site Preparation - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.8900e-003 | 4.2700e-003 | 0.0563 | 2.2000e-004 | 0.0291 | 1.7000e-004 | 0.0293 | 7.7300e-003 | 1.6000e-004 | 7.8900e-003 | 0.0000 | 20.1754 | 20.1754 | 3.5000e-004 | 0.0000 | 20.1842 |
| Total | 7.8900e-003 | 4.2700e-003 | 0.0563 | 2.2000e-004 | 0.0291 | 1.7000e-004 | 0.0293 | 7.7300e-003 | 1.6000e-004 | 7.8900e-003 | 0.0000 | 20.1754 | 20.1754 | 3.5000e-004 | 0.0000 | 20.1842 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0609 | 0.0000 | 1.0609 | 0.5832 | 0.0000 | 0.5832 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | | 0.1418 | 0.1418 | | 0.1305 | 0.1305 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |
| Total | 0.3227 | 3.2930 | 2.3375 | 4.9700e-003 | 1.0609 | 0.1418 | 1.2028 | 0.5832 | 0.1305 | 0.7137 | 0.0000 | 436.7437 | 436.7437 | 0.1413 | 0.0000 | 440.2749 |

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3.2 Site Preparation - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.8900e-003 | 4.2700e-003 | 0.0563 | 2.2000e-004 | 0.0291 | 1.7000e-004 | 0.0293 | 7.7300e-003 | 1.6000e-004 | 7.8900e-003 | 0.0000 | 20.1754 | 20.1754 | 3.5000e-004 | 0.0000 | 20.1842 |
| Total | 7.8900e-003 | 4.2700e-003 | 0.0563 | 2.2000e-004 | 0.0291 | 1.7000e-004 | 0.0293 | 7.7300e-003 | 1.6000e-004 | 7.8900e-003 | 0.0000 | 20.1754 | 20.1754 | 3.5000e-004 | 0.0000 | 20.1842 |

3.2 Site Preparation - 2030

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3577 | 0.0000 | 2.3577 | 1.2960 | 0.0000 | 1.2960 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3184 | 1.7837 | 2.1261 | 6.0800e-003 | | 0.0570 | 0.0570 | | 0.0570 | 0.0570 | 0.0000 | 522.0602 | 522.0602 | 0.0258 | 0.0000 | 522.7042 |
| Total | 0.3184 | 1.7837 | 2.1261 | 6.0800e-003 | 2.3577 | 0.0570 | 2.4146 | 1.2960 | 0.0570 | 1.3529 | 0.0000 | 522.0602 | 522.0602 | 0.0258 | 0.0000 | 522.7042 |

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3.2 Site Preparation - 2030

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.2400e-003 | 3.9000e-003 | 0.0527 | 2.2000e-004 | 0.0291 | 1.6000e-004 | 0.0293 | 7.7300e-003 | 1.4000e-004 | 7.8800e-003 | 0.0000 | 19.6515 | 19.6515 | 3.2000e-004 | 0.0000 | 19.6595 |
| Total | 7.2400e-003 | 3.9000e-003 | 0.0527 | 2.2000e-004 | 0.0291 | 1.6000e-004 | 0.0293 | 7.7300e-003 | 1.4000e-004 | 7.8800e-003 | 0.0000 | 19.6515 | 19.6515 | 3.2000e-004 | 0.0000 | 19.6595 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0609 | 0.0000 | 1.0609 | 0.5832 | 0.0000 | 0.5832 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3184 | 1.7837 | 2.1261 | 6.0800e-003 | | 0.0570 | 0.0570 | | 0.0570 | 0.0570 | 0.0000 | 522.0596 | 522.0596 | 0.0258 | 0.0000 | 522.7036 |
| Total | 0.3184 | 1.7837 | 2.1261 | 6.0800e-003 | 1.0609 | 0.0570 | 1.1179 | 0.5832 | 0.0570 | 0.6402 | 0.0000 | 522.0596 | 522.0596 | 0.0258 | 0.0000 | 522.7036 |

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3.2 Site Preparation - 2030

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.2400e-003 | 3.9000e-003 | 0.0527 | 2.2000e-004 | 0.0291 | 1.6000e-004 | 0.0293 | 7.7300e-003 | 1.4000e-004 | 7.8800e-003 | 0.0000 | 19.6515 | 19.6515 | 3.2000e-004 | 0.0000 | 19.6595 |
| Total | 7.2400e-003 | 3.9000e-003 | 0.0527 | 2.2000e-004 | 0.0291 | 1.6000e-004 | 0.0293 | 7.7300e-003 | 1.4000e-004 | 7.8800e-003 | 0.0000 | 19.6515 | 19.6515 | 3.2000e-004 | 0.0000 | 19.6595 |

3.2 Site Preparation - 2031

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.0271 | 0.0000 | 0.0271 | 0.0149 | 0.0000 | 0.0149 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 3.6600e-003 | 0.0205 | 0.0244 | 7.0000e-005 | | 6.5000e-004 | 6.5000e-004 | | 6.5000e-004 | 6.5000e-004 | 0.0000 | 6.0007 | 6.0007 | 3.0000e-004 | 0.0000 | 6.0081 |
| Total | 3.6600e-003 | 0.0205 | 0.0244 | 7.0000e-005 | 0.0271 | 6.5000e-004 | 0.0278 | 0.0149 | 6.5000e-004 | 0.0156 | 0.0000 | 6.0007 | 6.0007 | 3.0000e-004 | 0.0000 | 6.0081 |

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3.2 Site Preparation - 2031

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0000e-005 | 4.0000e-005 | 5.7000e-004 | 0.0000 | 3.3000e-004 | 0.0000 | 3.4000e-004 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 0.0000 | 0.2206 | 0.2206 | 0.0000 | 0.0000 | 0.2207 |
| Total | 8.0000e-005 | 4.0000e-005 | 5.7000e-004 | 0.0000 | 3.3000e-004 | 0.0000 | 3.4000e-004 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 0.0000 | 0.2206 | 0.2206 | 0.0000 | 0.0000 | 0.2207 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.0122 | 0.0000 | 0.0122 | 6.7000e-003 | 0.0000 | 6.7000e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 3.6600e-003 | 0.0205 | 0.0244 | 7.0000e-005 | | 6.5000e-004 | 6.5000e-004 | | 6.5000e-004 | 6.5000e-004 | 0.0000 | 6.0007 | 6.0007 | 3.0000e-004 | 0.0000 | 6.0081 |
| Total | 3.6600e-003 | 0.0205 | 0.0244 | 7.0000e-005 | 0.0122 | 6.5000e-004 | 0.0128 | 6.7000e-003 | 6.5000e-004 | 7.3500e-003 | 0.0000 | 6.0007 | 6.0007 | 3.0000e-004 | 0.0000 | 6.0081 |

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3.2 Site Preparation - 2031

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0000e-005 | 4.0000e-005 | 5.7000e-004 | 0.0000 | 3.3000e-004 | 0.0000 | 3.4000e-004 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 0.0000 | 0.2206 | 0.2206 | 0.0000 | 0.0000 | 0.2207 |
| Total | 8.0000e-005 | 4.0000e-005 | 5.7000e-004 | 0.0000 | 3.3000e-004 | 0.0000 | 3.4000e-004 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 0.0000 | 0.2206 | 0.2206 | 0.0000 | 0.0000 | 0.2207 |

3.3 Grading - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3301 | 0.0000 | 21.3301 | 2.6489 | 0.0000 | 2.6489 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | | 0.2581 | 0.2581 | | 0.2375 | 0.2375 | 0.0000 | 708.4348 | 708.4348 | 0.2291 | 0.0000 | 714.1628 |
| Total | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | 21.3301 | 0.2581 | 21.5882 | 2.6489 | 0.2375 | 2.8864 | 0.0000 | 708.4348 | 708.4348 | 0.2291 | 0.0000 | 714.1628 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |
| Total | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5985 | 0.0000 | 9.5985 | 1.1920 | 0.0000 | 1.1920 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | | 0.2581 | 0.2581 | | 0.2375 | 0.2375 | 0.0000 | 708.4339 | 708.4339 | 0.2291 | 0.0000 | 714.1620 |
| Total | 0.5449 | 6.0320 | 4.0142 | 8.0600e-003 | 9.5985 | 0.2581 | 9.8566 | 1.1920 | 0.2375 | 1.4295 | 0.0000 | 708.4339 | 708.4339 | 0.2291 | 0.0000 | 714.1620 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |
| Total | 0.0152 | 0.0102 | 0.1120 | 3.1000e-004 | 0.0322 | 2.4000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7800e-003 | 0.0000 | 28.4634 | 28.4634 | 8.1000e-004 | 0.0000 | 28.4837 |

3.3 Grading - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3301 | 0.0000 | 21.3301 | 2.6489 | 0.0000 | 2.6489 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4712 | 5.0497 | 3.7754 | 8.0700e-003 | | 0.2125 | 0.2125 | | 0.1955 | 0.1955 | 0.0000 | 708.9498 | 708.9498 | 0.2293 | 0.0000 | 714.6820 |
| Total | 0.4712 | 5.0497 | 3.7754 | 8.0700e-003 | 21.3301 | 0.2125 | 21.5426 | 2.6489 | 0.1955 | 2.8445 | 0.0000 | 708.9498 | 708.9498 | 0.2293 | 0.0000 | 714.6820 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0140 | 9.1500e-003 | 0.1024 | 3.0000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7700e-003 | 0.0000 | 27.4338 | 27.4338 | 7.2000e-004 | 0.0000 | 27.4519 |
| Total | 0.0140 | 9.1500e-003 | 0.1024 | 3.0000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7700e-003 | 0.0000 | 27.4338 | 27.4338 | 7.2000e-004 | 0.0000 | 27.4519 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5985 | 0.0000 | 9.5985 | 1.1920 | 0.0000 | 1.1920 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4712 | 5.0497 | 3.7754 | 8.0700e-003 | | 0.2125 | 0.2125 | | 0.1955 | 0.1955 | 0.0000 | 708.9490 | 708.9490 | 0.2293 | 0.0000 | 714.6812 |
| Total | 0.4712 | 5.0497 | 3.7754 | 8.0700e-003 | 9.5985 | 0.2125 | 9.8111 | 1.1920 | 0.1955 | 1.3876 | 0.0000 | 708.9490 | 708.9490 | 0.2293 | 0.0000 | 714.6812 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0140 | 9.1500e-003 | 0.1024 | 3.0000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7700e-003 | 0.0000 | 27.4338 | 27.4338 | 7.2000e-004 | 0.0000 | 27.4519 |
| Total | 0.0140 | 9.1500e-003 | 0.1024 | 3.0000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.2000e-004 | 8.7700e-003 | 0.0000 | 27.4338 | 27.4338 | 7.2000e-004 | 0.0000 | 27.4519 |

3.3 Grading - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3301 | 0.0000 | 21.3301 | 2.6489 | 0.0000 | 2.6489 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4318 | 4.4870 | 3.6467 | 8.0700e-003 | | 0.1852 | 0.1852 | | 0.1704 | 0.1704 | 0.0000 | 708.9577 | 708.9577 | 0.2293 | 0.0000 | 714.6900 |
| Total | 0.4318 | 4.4870 | 3.6467 | 8.0700e-003 | 21.3301 | 0.1852 | 21.5153 | 2.6489 | 0.1704 | 2.8193 | 0.0000 | 708.9577 | 708.9577 | 0.2293 | 0.0000 | 714.6900 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0130 | 8.1900e-003 | 0.0936 | 2.9000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.1000e-004 | 8.7700e-003 | 0.0000 | 26.3965 | 26.3965 | 6.5000e-004 | 0.0000 | 26.4127 |
| Total | 0.0130 | 8.1900e-003 | 0.0936 | 2.9000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.1000e-004 | 8.7700e-003 | 0.0000 | 26.3965 | 26.3965 | 6.5000e-004 | 0.0000 | 26.4127 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5985 | 0.0000 | 9.5985 | 1.1920 | 0.0000 | 1.1920 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4318 | 4.4870 | 3.6467 | 8.0700e-003 | | 0.1852 | 0.1852 | | 0.1704 | 0.1704 | 0.0000 | 708.9569 | 708.9569 | 0.2293 | 0.0000 | 714.6891 |
| Total | 0.4318 | 4.4870 | 3.6467 | 8.0700e-003 | 9.5985 | 0.1852 | 9.7837 | 1.1920 | 0.1704 | 1.3624 | 0.0000 | 708.9569 | 708.9569 | 0.2293 | 0.0000 | 714.6891 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0130 | 8.1900e-003 | 0.0936 | 2.9000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.1000e-004 | 8.7700e-003 | 0.0000 | 26.3965 | 26.3965 | 6.5000e-004 | 0.0000 | 26.4127 |
| Total | 0.0130 | 8.1900e-003 | 0.0936 | 2.9000e-004 | 0.0322 | 2.3000e-004 | 0.0324 | 8.5600e-003 | 2.1000e-004 | 8.7700e-003 | 0.0000 | 26.3965 | 26.3965 | 6.5000e-004 | 0.0000 | 26.4127 |

3.3 Grading - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3361 | 0.0000 | 21.3361 | 2.6523 | 0.0000 | 2.6523 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4216 | 4.2414 | 3.6317 | 8.1300e-003 | | 0.1749 | 0.1749 | | 0.1609 | 0.1609 | 0.0000 | 714.2058 | 714.2058 | 0.2310 | 0.0000 | 719.9805 |
| Total | 0.4216 | 4.2414 | 3.6317 | 8.1300e-003 | 21.3361 | 0.1749 | 21.5110 | 2.6523 | 0.1609 | 2.8132 | 0.0000 | 714.2058 | 714.2058 | 0.2310 | 0.0000 | 719.9805 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0123 | 7.4900e-003 | 0.0887 | 2.9000e-004 | 0.0325 | 2.3000e-004 | 0.0327 | 8.6300e-003 | 2.1000e-004 | 8.8400e-003 | 0.0000 | 26.0889 | 26.0889 | 6.1000e-004 | 0.0000 | 26.1040 |
| Total | 0.0123 | 7.4900e-003 | 0.0887 | 2.9000e-004 | 0.0325 | 2.3000e-004 | 0.0327 | 8.6300e-003 | 2.1000e-004 | 8.8400e-003 | 0.0000 | 26.0889 | 26.0889 | 6.1000e-004 | 0.0000 | 26.1040 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.6012 | 0.0000 | 9.6012 | 1.1935 | 0.0000 | 1.1935 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4216 | 4.2414 | 3.6317 | 8.1300e-003 | | 0.1749 | 0.1749 | | 0.1609 | 0.1609 | 0.0000 | 714.2049 | 714.2049 | 0.2310 | 0.0000 | 719.9796 |
| Total | 0.4216 | 4.2414 | 3.6317 | 8.1300e-003 | 9.6012 | 0.1749 | 9.7762 | 1.1935 | 0.1609 | 1.3545 | 0.0000 | 714.2049 | 714.2049 | 0.2310 | 0.0000 | 719.9796 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0123 | 7.4900e-003 | 0.0887 | 2.9000e-004 | 0.0325 | 2.3000e-004 | 0.0327 | 8.6300e-003 | 2.1000e-004 | 8.8400e-003 | 0.0000 | 26.0889 | 26.0889 | 6.1000e-004 | 0.0000 | 26.1040 |
| Total | 0.0123 | 7.4900e-003 | 0.0887 | 2.9000e-004 | 0.0325 | 2.3000e-004 | 0.0327 | 8.6300e-003 | 2.1000e-004 | 8.8400e-003 | 0.0000 | 26.0889 | 26.0889 | 6.1000e-004 | 0.0000 | 26.1040 |

3.3 Grading - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3331 | 0.0000 | 21.3331 | 2.6506 | 0.0000 | 2.6506 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |
| Total | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | 21.3331 | 0.1476 | 21.4807 | 2.6506 | 0.1358 | 2.7864 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0115 | 6.7500e-003 | 0.0814 | 2.8000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.9465 | 24.9465 | 5.4000e-004 | 0.0000 | 24.9601 |
| Total | 0.0115 | 6.7500e-003 | 0.0814 | 2.8000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.9465 | 24.9465 | 5.4000e-004 | 0.0000 | 24.9601 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5999 | 0.0000 | 9.5999 | 1.1928 | 0.0000 | 1.1928 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |
| Total | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | 9.5999 | 0.1476 | 9.7475 | 1.1928 | 0.1358 | 1.3285 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0115 | 6.7500e-003 | 0.0814 | 2.8000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.9465 | 24.9465 | 5.4000e-004 | 0.0000 | 24.9601 |
| Total | 0.0115 | 6.7500e-003 | 0.0814 | 2.8000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.9465 | 24.9465 | 5.4000e-004 | 0.0000 | 24.9601 |

3.3 Grading - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3331 | 0.0000 | 21.3331 | 2.6506 | 0.0000 | 2.6506 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |
| Total | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | 21.3331 | 0.1476 | 21.4807 | 2.6506 | 0.1358 | 2.7864 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0108 | 6.2200e-003 | 0.0771 | 2.7000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.6665 | 24.6665 | 5.2000e-004 | 0.0000 | 24.6794 |
| Total | 0.0108 | 6.2200e-003 | 0.0771 | 2.7000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.6665 | 24.6665 | 5.2000e-004 | 0.0000 | 24.6794 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5999 | 0.0000 | 9.5999 | 1.1928 | 0.0000 | 1.1928 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |
| Total | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | 9.5999 | 0.1476 | 9.7475 | 1.1928 | 0.1358 | 1.3285 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0108 | 6.2200e-003 | 0.0771 | 2.7000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.6665 | 24.6665 | 5.2000e-004 | 0.0000 | 24.6794 |
| Total | 0.0108 | 6.2200e-003 | 0.0771 | 2.7000e-004 | 0.0323 | 2.3000e-004 | 0.0326 | 8.5900e-003 | 2.1000e-004 | 8.8000e-003 | 0.0000 | 24.6665 | 24.6665 | 5.2000e-004 | 0.0000 | 24.6794 |

3.3 Grading - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3331 | 0.0000 | 21.3331 | 2.6506 | 0.0000 | 2.6506 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |
| Total | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | 21.3331 | 0.1476 | 21.4807 | 2.6506 | 0.1358 | 2.7864 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0102 | 5.6700e-003 | 0.0718 | 2.6000e-004 | 0.0323 | 2.2000e-004 | 0.0325 | 8.5900e-003 | 2.0000e-004 | 8.7900e-003 | 0.0000 | 23.8226 | 23.8226 | 4.7000e-004 | 0.0000 | 23.8344 |
| Total | 0.0102 | 5.6700e-003 | 0.0718 | 2.6000e-004 | 0.0323 | 2.2000e-004 | 0.0325 | 8.5900e-003 | 2.0000e-004 | 8.7900e-003 | 0.0000 | 23.8226 | 23.8226 | 4.7000e-004 | 0.0000 | 23.8344 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5999 | 0.0000 | 9.5999 | 1.1928 | 0.0000 | 1.1928 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |
| Total | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | 9.5999 | 0.1476 | 9.7475 | 1.1928 | 0.1358 | 1.3285 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0102 | 5.6700e-003 | 0.0718 | 2.6000e-004 | 0.0323 | 2.2000e-004 | 0.0325 | 8.5900e-003 | 2.0000e-004 | 8.7900e-003 | 0.0000 | 23.8226 | 23.8226 | 4.7000e-004 | 0.0000 | 23.8344 |
| Total | 0.0102 | 5.6700e-003 | 0.0718 | 2.6000e-004 | 0.0323 | 2.2000e-004 | 0.0325 | 8.5900e-003 | 2.0000e-004 | 8.7900e-003 | 0.0000 | 23.8226 | 23.8226 | 4.7000e-004 | 0.0000 | 23.8344 |

3.3 Grading - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3301 | 0.0000 | 21.3301 | 2.6489 | 0.0000 | 2.6489 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3772 | 3.6326 | 3.4230 | 8.0700e-003 | | 0.1470 | 0.1470 | | 0.1353 | 0.1353 | 0.0000 | 708.5808 | 708.5808 | 0.2292 | 0.0000 | 714.3100 |
| Total | 0.3772 | 3.6326 | 3.4230 | 8.0700e-003 | 21.3301 | 0.1470 | 21.4771 | 2.6489 | 0.1353 | 2.7842 | 0.0000 | 708.5808 | 708.5808 | 0.2292 | 0.0000 | 714.3100 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.4400e-003 | 5.1600e-003 | 0.0667 | 2.5000e-004 | 0.0322 | 2.0000e-004 | 0.0324 | 8.5600e-003 | 1.8000e-004 | 8.7400e-003 | 0.0000 | 22.9878 | 22.9878 | 4.3000e-004 | 0.0000 | 22.9985 |
| Total | 9.4400e-003 | 5.1600e-003 | 0.0667 | 2.5000e-004 | 0.0322 | 2.0000e-004 | 0.0324 | 8.5600e-003 | 1.8000e-004 | 8.7400e-003 | 0.0000 | 22.9878 | 22.9878 | 4.3000e-004 | 0.0000 | 22.9985 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5985 | 0.0000 | 9.5985 | 1.1920 | 0.0000 | 1.1920 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3772 | 3.6326 | 3.4230 | 8.0700e-003 | | 0.1470 | 0.1470 | | 0.1353 | 0.1353 | 0.0000 | 708.5799 | 708.5799 | 0.2292 | 0.0000 | 714.3092 |
| Total | 0.3772 | 3.6326 | 3.4230 | 8.0700e-003 | 9.5985 | 0.1470 | 9.7456 | 1.1920 | 0.1353 | 1.3273 | 0.0000 | 708.5799 | 708.5799 | 0.2292 | 0.0000 | 714.3092 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.4400e-003 | 5.1600e-003 | 0.0667 | 2.5000e-004 | 0.0322 | 2.0000e-004 | 0.0324 | 8.5600e-003 | 1.8000e-004 | 8.7400e-003 | 0.0000 | 22.9878 | 22.9878 | 4.3000e-004 | 0.0000 | 22.9985 |
| Total | 9.4400e-003 | 5.1600e-003 | 0.0667 | 2.5000e-004 | 0.0322 | 2.0000e-004 | 0.0324 | 8.5600e-003 | 1.8000e-004 | 8.7400e-003 | 0.0000 | 22.9878 | 22.9878 | 4.3000e-004 | 0.0000 | 22.9985 |

3.3 Grading - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3331 | 0.0000 | 21.3331 | 2.6506 | 0.0000 | 2.6506 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |
| Total | 0.3786 | 3.6466 | 3.4362 | 8.1000e-003 | 21.3331 | 0.1476 | 21.4807 | 2.6506 | 0.1358 | 2.7864 | 0.0000 | 711.3061 | 711.3061 | 0.2301 | 0.0000 | 717.0573 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.7700e-003 | 4.7400e-003 | 0.0626 | 2.5000e-004 | 0.0323 | 1.9000e-004 | 0.0325 | 8.5900e-003 | 1.7000e-004 | 8.7600e-003 | 0.0000 | 22.4171 | 22.4171 | 3.9000e-004 | 0.0000 | 22.4269 |
| Total | 8.7700e-003 | 4.7400e-003 | 0.0626 | 2.5000e-004 | 0.0323 | 1.9000e-004 | 0.0325 | 8.5900e-003 | 1.7000e-004 | 8.7600e-003 | 0.0000 | 22.4171 | 22.4171 | 3.9000e-004 | 0.0000 | 22.4269 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5999 | 0.0000 | 9.5999 | 1.1928 | 0.0000 | 1.1928 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | | 0.1476 | 0.1476 | | 0.1358 | 0.1358 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |
| Total | 0.3786 | 3.6465 | 3.4362 | 8.1000e-003 | 9.5999 | 0.1476 | 9.7475 | 1.1928 | 0.1358 | 1.3285 | 0.0000 | 711.3052 | 711.3052 | 0.2301 | 0.0000 | 717.0565 |

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3.3 Grading - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.7700e-003 | 4.7400e-003 | 0.0626 | 2.5000e-004 | 0.0323 | 1.9000e-004 | 0.0325 | 8.5900e-003 | 1.7000e-004 | 8.7600e-003 | 0.0000 | 22.4171 | 22.4171 | 3.9000e-004 | 0.0000 | 22.4269 |
| Total | 8.7700e-003 | 4.7400e-003 | 0.0626 | 2.5000e-004 | 0.0323 | 1.9000e-004 | 0.0325 | 8.5900e-003 | 1.7000e-004 | 8.7600e-003 | 0.0000 | 22.4171 | 22.4171 | 3.9000e-004 | 0.0000 | 22.4269 |

3.3 Grading - 2030

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 21.3331 | 0.0000 | 21.3331 | 2.6506 | 0.0000 | 2.6506 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4281 | 1.8069 | 3.0046 | 9.1300e-003 | | 0.0637 | 0.0637 | | 0.0637 | 0.0637 | 0.0000 | 853.9427 | 853.9427 | 0.0345 | 0.0000 | 854.8055 |
| Total | 0.4281 | 1.8069 | 3.0046 | 9.1300e-003 | 21.3331 | 0.0637 | 21.3968 | 2.6506 | 0.0637 | 2.7143 | 0.0000 | 853.9427 | 853.9427 | 0.0345 | 0.0000 | 854.8055 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2030

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0400e-003 | 4.3300e-003 | 0.0585 | 2.4000e-004 | 0.0323 | 1.7000e-004 | 0.0325 | 8.5900e-003 | 1.6000e-004 | 8.7500e-003 | 0.0000 | 21.8350 | 21.8350 | 3.6000e-004 | 0.0000 | 21.8439 |
| Total | 8.0400e-003 | 4.3300e-003 | 0.0585 | 2.4000e-004 | 0.0323 | 1.7000e-004 | 0.0325 | 8.5900e-003 | 1.6000e-004 | 8.7500e-003 | 0.0000 | 21.8350 | 21.8350 | 3.6000e-004 | 0.0000 | 21.8439 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.5999 | 0.0000 | 9.5999 | 1.1928 | 0.0000 | 1.1928 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4281 | 1.8069 | 3.0046 | 9.1300e-003 | | 0.0637 | 0.0637 | | 0.0637 | 0.0637 | 0.0000 | 853.9417 | 853.9417 | 0.0345 | 0.0000 | 854.8044 |
| Total | 0.4281 | 1.8069 | 3.0046 | 9.1300e-003 | 9.5999 | 0.0637 | 9.6636 | 1.1928 | 0.0637 | 1.2565 | 0.0000 | 853.9417 | 853.9417 | 0.0345 | 0.0000 | 854.8044 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2030

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0400e-003 | 4.3300e-003 | 0.0585 | 2.4000e-004 | 0.0323 | 1.7000e-004 | 0.0325 | 8.5900e-003 | 1.6000e-004 | 8.7500e-003 | 0.0000 | 21.8350 | 21.8350 | 3.6000e-004 | 0.0000 | 21.8439 |
| Total | 8.0400e-003 | 4.3300e-003 | 0.0585 | 2.4000e-004 | 0.0323 | 1.7000e-004 | 0.0325 | 8.5900e-003 | 1.6000e-004 | 8.7500e-003 | 0.0000 | 21.8350 | 21.8350 | 3.6000e-004 | 0.0000 | 21.8439 |

3.3 Grading - 2031

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|---------------|--------------------|----------------|--------------------|----------------|----------------|--------------------|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 20.5562 | 0.0000 | 20.5562 | 2.2236 | 0.0000 | 2.2236 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 4.9200e-003 | 0.0208 | 0.0345 | 1.0000e-004 | | 7.3000e-004 | 7.3000e-004 | | 7.3000e-004 | 7.3000e-004 | 0.0000 | 9.8154 | 9.8154 | 4.0000e-004 | 0.0000 | 9.8254 |
| Total | 4.9200e-003 | 0.0208 | 0.0345 | 1.0000e-004 | 20.5562 | 7.3000e-004 | 20.5570 | 2.2236 | 7.3000e-004 | 2.2243 | 0.0000 | 9.8154 | 9.8154 | 4.0000e-004 | 0.0000 | 9.8254 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2031

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0000e-005 | 5.0000e-005 | 6.3000e-004 | 0.0000 | 3.7000e-004 | 0.0000 | 3.7000e-004 | 1.0000e-004 | 0.0000 | 1.0000e-004 | 0.0000 | 0.2451 | 0.2451 | 0.0000 | 0.0000 | 0.2452 |
| Total | 8.0000e-005 | 5.0000e-005 | 6.3000e-004 | 0.0000 | 3.7000e-004 | 0.0000 | 3.7000e-004 | 1.0000e-004 | 0.0000 | 1.0000e-004 | 0.0000 | 0.2451 | 0.2451 | 0.0000 | 0.0000 | 0.2452 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 9.2503 | 0.0000 | 9.2503 | 1.0006 | 0.0000 | 1.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 4.9200e-003 | 0.0208 | 0.0345 | 1.0000e-004 | | 7.3000e-004 | 7.3000e-004 | | 7.3000e-004 | 7.3000e-004 | 0.0000 | 9.8154 | 9.8154 | 4.0000e-004 | 0.0000 | 9.8253 |
| Total | 4.9200e-003 | 0.0208 | 0.0345 | 1.0000e-004 | 9.2503 | 7.3000e-004 | 9.2510 | 1.0006 | 7.3000e-004 | 1.0013 | 0.0000 | 9.8154 | 9.8154 | 4.0000e-004 | 0.0000 | 9.8253 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.3 Grading - 2031

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0000e-005 | 5.0000e-005 | 6.3000e-004 | 0.0000 | 3.7000e-004 | 0.0000 | 3.7000e-004 | 1.0000e-004 | 0.0000 | 1.0000e-004 | 0.0000 | 0.2451 | 0.2451 | 0.0000 | 0.0000 | 0.2452 |
| Total | 8.0000e-005 | 5.0000e-005 | 6.3000e-004 | 0.0000 | 3.7000e-004 | 0.0000 | 3.7000e-004 | 1.0000e-004 | 0.0000 | 1.0000e-004 | 0.0000 | 0.2451 | 0.2451 | 0.0000 | 0.0000 | 0.2452 |

3.4 Building Construction - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2471 | 2.2662 | 2.1548 | 3.5000e-003 | | 0.1246 | 0.1246 | | 0.1172 | 0.1172 | 0.0000 | 301.1285 | 301.1285 | 0.0727 | 0.0000 | 302.9447 |
| Total | 0.2471 | 2.2662 | 2.1548 | 3.5000e-003 | | 0.1246 | 0.1246 | | 0.1172 | 0.1172 | 0.0000 | 301.1285 | 301.1285 | 0.0727 | 0.0000 | 302.9447 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.8018 | 24.3607 | 5.7361 | 0.0613 | 1.3962 | 0.0707 | 1.4669 | 0.4036 | 0.0676 | 0.4713 | 0.0000 | 5,817.0306 | 5,817.0306 | 0.4988 | 0.0000 | 5,829.4999 |
| Worker | 4.5029 | 3.0445 | 33.3088 | 0.0937 | 9.5734 | 0.0718 | 9.6453 | 2.5447 | 0.0662 | 2.6109 | 0.0000 | 8,462.1659 | 8,462.1659 | 0.2410 | 0.0000 | 8,468.1913 |
| Total | 5.3047 | 27.4051 | 39.0448 | 0.1550 | 10.9696 | 0.1425 | 11.1121 | 2.9483 | 0.1338 | 3.0821 | 0.0000 | 14,279.1965 | 14,279.1965 | 0.7398 | 0.0000 | 14,297.6912 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2471 | 2.2662 | 2.1548 | 3.5000e-003 | | 0.1246 | 0.1246 | | 0.1172 | 0.1172 | 0.0000 | 301.1281 | 301.1281 | 0.0727 | 0.0000 | 302.9443 |
| Total | 0.2471 | 2.2662 | 2.1548 | 3.5000e-003 | | 0.1246 | 0.1246 | | 0.1172 | 0.1172 | 0.0000 | 301.1281 | 301.1281 | 0.0727 | 0.0000 | 302.9443 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.8018 | 24.3607 | 5.7361 | 0.0613 | 1.3962 | 0.0707 | 1.4669 | 0.4036 | 0.0676 | 0.4713 | 0.0000 | 5,817.0306 | 5,817.0306 | 0.4988 | 0.0000 | 5,829.4999 |
| Worker | 4.5029 | 3.0445 | 33.3088 | 0.0937 | 9.5734 | 0.0718 | 9.6453 | 2.5447 | 0.0662 | 2.6109 | 0.0000 | 8,462.1659 | 8,462.1659 | 0.2410 | 0.0000 | 8,468.1913 |
| Total | 5.3047 | 27.4051 | 39.0448 | 0.1550 | 10.9696 | 0.1425 | 11.1121 | 2.9483 | 0.1338 | 3.0821 | 0.0000 | 14,279.1965 | 14,279.1965 | 0.7398 | 0.0000 | 14,297.6912 |

3.4 Building Construction - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2428 | 301.2428 | 0.0722 | 0.0000 | 303.0471 |
| Total | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2428 | 301.2428 | 0.0722 | 0.0000 | 303.0471 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.7366 | 23.0959 | 5.1627 | 0.0608 | 1.3962 | 0.0613 | 1.4575 | 0.4036 | 0.0587 | 0.4623 | 0.0000 | 5,763.8186 | 5,763.8186 | 0.4896 | 0.0000 | 5,776.0585 |
| Worker | 4.1697 | 2.7207 | 30.4345 | 0.0902 | 9.5734 | 0.0695 | 9.6430 | 2.5447 | 0.0640 | 2.6087 | 0.0000 | 8,156.0534 | 8,156.0534 | 0.2152 | 0.0000 | 8,161.4345 |
| Total | 4.9063 | 25.8166 | 35.5972 | 0.1510 | 10.9696 | 0.1309 | 11.1005 | 2.9483 | 0.1227 | 3.0710 | 0.0000 | 13,919.8720 | 13,919.8720 | 0.7048 | 0.0000 | 13,937.4930 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2425 | 301.2425 | 0.0722 | 0.0000 | 303.0467 |
| Total | 0.2218 | 2.0300 | 2.1272 | 3.5000e-003 | | 0.1052 | 0.1052 | | 0.0990 | 0.0990 | 0.0000 | 301.2425 | 301.2425 | 0.0722 | 0.0000 | 303.0467 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.7366 | 23.0959 | 5.1627 | 0.0608 | 1.3962 | 0.0613 | 1.4575 | 0.4036 | 0.0587 | 0.4623 | 0.0000 | 5,763.8186 | 5,763.8186 | 0.4896 | 0.0000 | 5,776.0585 |
| Worker | 4.1697 | 2.7207 | 30.4345 | 0.0902 | 9.5734 | 0.0695 | 9.6430 | 2.5447 | 0.0640 | 2.6087 | 0.0000 | 8,156.0534 | 8,156.0534 | 0.2152 | 0.0000 | 8,161.4345 |
| Total | 4.9063 | 25.8166 | 35.5972 | 0.1510 | 10.9696 | 0.1309 | 11.1005 | 2.9483 | 0.1227 | 3.0710 | 0.0000 | 13,919.8720 | 13,919.8720 | 0.7048 | 0.0000 | 13,937.4930 |

3.4 Building Construction - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3462 | 301.3462 | 0.0717 | 0.0000 | 303.1383 |
| Total | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3462 | 301.3462 | 0.0717 | 0.0000 | 303.1383 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.5174 | 17.8604 | 4.2576 | 0.0593 | 1.3962 | 0.0170 | 1.4132 | 0.4036 | 0.0162 | 0.4198 | 0.0000 | 5,626.3848 | 5,626.3848 | 0.3475 | 0.0000 | 5,635.0719 |
| Worker | 3.8697 | 2.4354 | 27.8257 | 0.0868 | 9.5734 | 0.0675 | 9.6410 | 2.5447 | 0.0622 | 2.6069 | 0.0000 | 7,847.6857 | 7,847.6857 | 0.1921 | 0.0000 | 7,852.4872 |
| Total | 4.3871 | 20.2958 | 32.0833 | 0.1461 | 10.9696 | 0.0845 | 11.0541 | 2.9483 | 0.0784 | 3.0267 | 0.0000 | 13,474.0706 | 13,474.0706 | 0.5395 | 0.0000 | 13,487.5592 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3458 | 301.3458 | 0.0717 | 0.0000 | 303.1380 |
| Total | 0.2045 | 1.8700 | 2.1117 | 3.5000e-003 | | 0.0910 | 0.0910 | | 0.0856 | 0.0856 | 0.0000 | 301.3458 | 301.3458 | 0.0717 | 0.0000 | 303.1380 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.5174 | 17.8604 | 4.2576 | 0.0593 | 1.3962 | 0.0170 | 1.4132 | 0.4036 | 0.0162 | 0.4198 | 0.0000 | 5,626.3848 | 5,626.3848 | 0.3475 | 0.0000 | 5,635.0719 |
| Worker | 3.8697 | 2.4354 | 27.8257 | 0.0868 | 9.5734 | 0.0675 | 9.6410 | 2.5447 | 0.0622 | 2.6069 | 0.0000 | 7,847.6857 | 7,847.6857 | 0.1921 | 0.0000 | 7,852.4872 |
| Total | 4.3871 | 20.2958 | 32.0833 | 0.1461 | 10.9696 | 0.0845 | 11.0541 | 2.9483 | 0.0784 | 3.0267 | 0.0000 | 13,474.0706 | 13,474.0706 | 0.5395 | 0.0000 | 13,487.5592 |

3.4 Building Construction - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7223 | 303.7223 | 0.0718 | 0.0000 | 305.5179 |
| Total | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7223 | 303.7223 | 0.0718 | 0.0000 | 305.5179 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4961 | 17.8515 | 3.9057 | 0.0593 | 1.4069 | 0.0169 | 1.4238 | 0.4067 | 0.0161 | 0.4229 | 0.0000 | 5,625.4360 | 5,625.4360 | 0.3628 | 0.0000 | 5,634.5057 |
| Worker | 3.6532 | 2.2276 | 26.3610 | 0.0858 | 9.6471 | 0.0689 | 9.7160 | 2.5643 | 0.0635 | 2.6277 | 0.0000 | 7,756.2175 | 7,756.2175 | 0.1804 | 0.0000 | 7,760.7270 |
| Total | 4.1492 | 20.0791 | 30.2667 | 0.1451 | 11.0540 | 0.0858 | 11.1398 | 2.9710 | 0.0796 | 3.0506 | 0.0000 | 13,381.6535 | 13,381.6535 | 0.5432 | 0.0000 | 13,395.2327 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7220 | 303.7220 | 0.0718 | 0.0000 | 305.5175 |
| Total | 0.1928 | 1.7611 | 2.1179 | 3.5300e-003 | | 0.0803 | 0.0803 | | 0.0756 | 0.0756 | 0.0000 | 303.7220 | 303.7220 | 0.0718 | 0.0000 | 305.5175 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4961 | 17.8515 | 3.9057 | 0.0593 | 1.4069 | 0.0169 | 1.4238 | 0.4067 | 0.0161 | 0.4229 | 0.0000 | 5,625.4360 | 5,625.4360 | 0.3628 | 0.0000 | 5,634.5057 |
| Worker | 3.6532 | 2.2276 | 26.3610 | 0.0858 | 9.6471 | 0.0689 | 9.7160 | 2.5643 | 0.0635 | 2.6277 | 0.0000 | 7,756.2175 | 7,756.2175 | 0.1804 | 0.0000 | 7,760.7270 |
| Total | 4.1492 | 20.0791 | 30.2667 | 0.1451 | 11.0540 | 0.0858 | 11.1398 | 2.9710 | 0.0796 | 3.0506 | 0.0000 | 13,381.6535 | 13,381.6535 | 0.5432 | 0.0000 | 13,395.2327 |

3.4 Building Construction - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4728 | 17.6333 | 3.5662 | 0.0586 | 1.4016 | 0.0165 | 1.4181 | 0.4052 | 0.0158 | 0.4210 | 0.0000 | 5,563.8524 | 5,563.8524 | 0.3785 | 0.0000 | 5,573.3150 |
| Worker | 3.4063 | 2.0054 | 24.2016 | 0.0820 | 9.6103 | 0.0672 | 9.6774 | 2.5545 | 0.0618 | 2.6163 | 0.0000 | 7,416.6038 | 7,416.6038 | 0.1619 | 0.0000 | 7,420.6501 |
| Total | 3.8792 | 19.6387 | 27.7678 | 0.1406 | 11.0118 | 0.0837 | 11.0955 | 2.9597 | 0.0776 | 3.0373 | 0.0000 | 12,980.4561 | 12,980.4561 | 0.5404 | 0.0000 | 12,993.9652 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |
| Total | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4728 | 17.6333 | 3.5662 | 0.0586 | 1.4016 | 0.0165 | 1.4181 | 0.4052 | 0.0158 | 0.4210 | 0.0000 | 5,563.8524 | 5,563.8524 | 0.3785 | 0.0000 | 5,573.3150 |
| Worker | 3.4063 | 2.0054 | 24.2016 | 0.0820 | 9.6103 | 0.0672 | 9.6774 | 2.5545 | 0.0618 | 2.6163 | 0.0000 | 7,416.6038 | 7,416.6038 | 0.1619 | 0.0000 | 7,420.6501 |
| Total | 3.8792 | 19.6387 | 27.7678 | 0.1406 | 11.0118 | 0.0837 | 11.0955 | 2.9597 | 0.0776 | 3.0373 | 0.0000 | 12,980.4561 | 12,980.4561 | 0.5404 | 0.0000 | 12,993.9652 |

3.4 Building Construction - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4588 | 17.4728 | 3.3883 | 0.0583 | 1.4016 | 0.0163 | 1.4179 | 0.4052 | 0.0156 | 0.4208 | 0.0000 | 5,526.6608 | 5,526.6608 | 0.3820 | 0.0000 | 5,536.2117 |
| Worker | 3.2236 | 1.8489 | 22.9265 | 0.0811 | 9.6103 | 0.0682 | 9.6784 | 2.5545 | 0.0627 | 2.6172 | 0.0000 | 7,333.3525 | 7,333.3525 | 0.1536 | 0.0000 | 7,337.1935 |
| Total | 3.6824 | 19.3217 | 26.3147 | 0.1393 | 11.0118 | 0.0845 | 11.0963 | 2.9597 | 0.0783 | 3.0380 | 0.0000 | 12,860.0133 | 12,860.0133 | 0.5357 | 0.0000 | 12,873.4051 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |
| Total | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4588 | 17.4728 | 3.3883 | 0.0583 | 1.4016 | 0.0163 | 1.4179 | 0.4052 | 0.0156 | 0.4208 | 0.0000 | 5,526.6608 | 5,526.6608 | 0.3820 | 0.0000 | 5,536.2117 |
| Worker | 3.2236 | 1.8489 | 22.9265 | 0.0811 | 9.6103 | 0.0682 | 9.6784 | 2.5545 | 0.0627 | 2.6172 | 0.0000 | 7,333.3525 | 7,333.3525 | 0.1536 | 0.0000 | 7,337.1935 |
| Total | 3.6824 | 19.3217 | 26.3147 | 0.1393 | 11.0118 | 0.0845 | 11.0963 | 2.9597 | 0.0783 | 3.0380 | 0.0000 | 12,860.0133 | 12,860.0133 | 0.5357 | 0.0000 | 12,873.4051 |

3.4 Building Construction - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4471 | 17.3153 | 3.2416 | 0.0579 | 1.4016 | 0.0161 | 1.4177 | 0.4052 | 0.0154 | 0.4206 | 0.0000 | 5,494.4829 | 5,494.4829 | 0.3811 | 0.0000 | 5,504.0093 |
| Worker | 3.0279 | 1.6869 | 21.3304 | 0.0783 | 9.6103 | 0.0646 | 9.6749 | 2.5545 | 0.0594 | 2.6139 | 0.0000 | 7,082.4678 | 7,082.4678 | 0.1395 | 0.0000 | 7,085.9562 |
| Total | 3.4750 | 19.0022 | 24.5720 | 0.1362 | 11.0118 | 0.0807 | 11.0925 | 2.9597 | 0.0748 | 3.0345 | 0.0000 | 12,576.9507 | 12,576.9507 | 0.5206 | 0.0000 | 12,589.9655 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |
| Total | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4471 | 17.3153 | 3.2416 | 0.0579 | 1.4016 | 0.0161 | 1.4177 | 0.4052 | 0.0154 | 0.4206 | 0.0000 | 5,494.4829 | 5,494.4829 | 0.3811 | 0.0000 | 5,504.0093 |
| Worker | 3.0279 | 1.6869 | 21.3304 | 0.0783 | 9.6103 | 0.0646 | 9.6749 | 2.5545 | 0.0594 | 2.6139 | 0.0000 | 7,082.4678 | 7,082.4678 | 0.1395 | 0.0000 | 7,085.9562 |
| Total | 3.4750 | 19.0022 | 24.5720 | 0.1362 | 11.0118 | 0.0807 | 11.0925 | 2.9597 | 0.0748 | 3.0345 | 0.0000 | 12,576.9507 | 12,576.9507 | 0.5206 | 0.0000 | 12,589.9655 |

3.4 Building Construction - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4953 | 301.4953 | 0.0709 | 0.0000 | 303.2671 |
| Total | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4953 | 301.4953 | 0.0709 | 0.0000 | 303.2671 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4353 | 17.1291 | 3.1073 | 0.0574 | 1.3962 | 0.0159 | 1.4121 | 0.4036 | 0.0152 | 0.4188 | 0.0000 | 5,447.9874 | 5,447.9874 | 0.3780 | 0.0000 | 5,457.4369 |
| Worker | 2.8069 | 1.5355 | 19.8371 | 0.0755 | 9.5734 | 0.0598 | 9.6332 | 2.5447 | 0.0550 | 2.5997 | 0.0000 | 6,834.2768 | 6,834.2768 | 0.1268 | 0.0000 | 6,837.4464 |
| Total | 3.2423 | 18.6647 | 22.9444 | 0.1329 | 10.9696 | 0.0757 | 11.0453 | 2.9483 | 0.0702 | 3.0185 | 0.0000 | 12,282.2642 | 12,282.2642 | 0.5048 | 0.0000 | 12,294.8833 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4949 | 301.4949 | 0.0709 | 0.0000 | 303.2667 |
| Total | 0.1778 | 1.6211 | 2.0910 | 3.5000e-003 | | 0.0686 | 0.0686 | | 0.0645 | 0.0645 | 0.0000 | 301.4949 | 301.4949 | 0.0709 | 0.0000 | 303.2667 |

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3.4 Building Construction - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4353 | 17.1291 | 3.1073 | 0.0574 | 1.3962 | 0.0159 | 1.4121 | 0.4036 | 0.0152 | 0.4188 | 0.0000 | 5,447.9874 | 5,447.9874 | 0.3780 | 0.0000 | 5,457.4369 |
| Worker | 2.8069 | 1.5355 | 19.8371 | 0.0755 | 9.5734 | 0.0598 | 9.6332 | 2.5447 | 0.0550 | 2.5997 | 0.0000 | 6,834.2768 | 6,834.2768 | 0.1268 | 0.0000 | 6,837.4464 |
| Total | 3.2423 | 18.6647 | 22.9444 | 0.1329 | 10.9696 | 0.0757 | 11.0453 | 2.9483 | 0.0702 | 3.0185 | 0.0000 | 12,282.2642 | 12,282.2642 | 0.5048 | 0.0000 | 12,294.8833 |

3.4 Building Construction - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |
| Total | 0.1785 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6549 | 302.6549 | 0.0711 | 0.0000 | 304.4335 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4277 | 17.0749 | 3.0074 | 0.0574 | 1.4016 | 0.0158 | 1.4173 | 0.4052 | 0.0151 | 0.4203 | 0.0000 | 5,446.4456 | 5,446.4456 | 0.3757 | 0.0000 | 5,455.8369 |
| Worker | 2.6065 | 1.4101 | 18.6017 | 0.0736 | 9.6103 | 0.0558 | 9.6660 | 2.5545 | 0.0513 | 2.6058 | 0.0000 | 6,664.6119 | 6,664.6119 | 0.1160 | 0.0000 | 6,667.5112 |
| Total | 3.0341 | 18.4849 | 21.6091 | 0.1310 | 11.0118 | 0.0715 | 11.0834 | 2.9597 | 0.0664 | 3.0261 | 0.0000 | 12,111.0575 | 12,111.0575 | 0.4916 | 0.0000 | 12,123.3481 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |
| Total | 0.1784 | 1.6273 | 2.0991 | 3.5200e-003 | | 0.0689 | 0.0689 | | 0.0648 | 0.0648 | 0.0000 | 302.6545 | 302.6545 | 0.0711 | 0.0000 | 304.4331 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4277 | 17.0749 | 3.0074 | 0.0574 | 1.4016 | 0.0158 | 1.4173 | 0.4052 | 0.0151 | 0.4203 | 0.0000 | 5,446.4456 | 5,446.4456 | 0.3757 | 0.0000 | 5,455.8369 |
| Worker | 2.6065 | 1.4101 | 18.6017 | 0.0736 | 9.6103 | 0.0558 | 9.6660 | 2.5545 | 0.0513 | 2.6058 | 0.0000 | 6,664.6119 | 6,664.6119 | 0.1160 | 0.0000 | 6,667.5112 |
| Total | 3.0341 | 18.4849 | 21.6091 | 0.1310 | 11.0118 | 0.0715 | 11.0834 | 2.9597 | 0.0664 | 3.0261 | 0.0000 | 12,111.0575 | 12,111.0575 | 0.4916 | 0.0000 | 12,123.3481 |

3.4 Building Construction - 2030

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1708 | 1.0355 | 2.1085 | 4.0400e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 343.0336 | 343.0336 | 0.0138 | 0.0000 | 343.3777 |
| Total | 0.1708 | 1.0355 | 2.1085 | 4.0400e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 343.0336 | 343.0336 | 0.0138 | 0.0000 | 343.3777 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2030

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4208 | 16.9694 | 2.9271 | 0.0572 | 1.4016 | 0.0156 | 1.4172 | 0.4052 | 0.0149 | 0.4201 | 0.0000 | 5,429.1827 | 5,429.1827 | 0.3723 | 0.0000 | 5,438.4906 |
| Worker | 2.3906 | 1.2882 | 17.3965 | 0.0717 | 9.6103 | 0.0519 | 9.6621 | 2.5545 | 0.0477 | 2.6022 | 0.0000 | 6,491.5548 | 6,491.5548 | 0.1057 | 0.0000 | 6,494.1970 |
| Total | 2.8114 | 18.2576 | 20.3236 | 0.1289 | 11.0118 | 0.0674 | 11.0793 | 2.9597 | 0.0626 | 3.0223 | 0.0000 | 11,920.7374 | 11,920.7374 | 0.4780 | 0.0000 | 11,932.6876 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1708 | 1.0355 | 2.1085 | 4.0400e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 343.0332 | 343.0332 | 0.0138 | 0.0000 | 343.3773 |
| Total | 0.1708 | 1.0355 | 2.1085 | 4.0400e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 343.0332 | 343.0332 | 0.0138 | 0.0000 | 343.3773 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2030

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.4208 | 16.9694 | 2.9271 | 0.0572 | 1.4016 | 0.0156 | 1.4172 | 0.4052 | 0.0149 | 0.4201 | 0.0000 | 5,429.1827 | 5,429.1827 | 0.3723 | 0.0000 | 5,438.4906 |
| Worker | 2.3906 | 1.2882 | 17.3965 | 0.0717 | 9.6103 | 0.0519 | 9.6621 | 2.5545 | 0.0477 | 2.6022 | 0.0000 | 6,491.5548 | 6,491.5548 | 0.1057 | 0.0000 | 6,494.1970 |
| Total | 2.8114 | 18.2576 | 20.3236 | 0.1289 | 11.0118 | 0.0674 | 11.0793 | 2.9597 | 0.0626 | 3.0223 | 0.0000 | 11,920.7374 | 11,920.7374 | 0.4780 | 0.0000 | 11,932.6876 |

3.4 Building Construction - 2031

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 1.9600e-003 | 0.0119 | 0.0242 | 5.0000e-005 | | 2.2000e-004 | 2.2000e-004 | | 2.2000e-004 | 2.2000e-004 | 0.0000 | 3.9429 | 3.9429 | 1.6000e-004 | 0.0000 | 3.9469 |
| Total | 1.9600e-003 | 0.0119 | 0.0242 | 5.0000e-005 | | 2.2000e-004 | 2.2000e-004 | | 2.2000e-004 | 2.2000e-004 | 0.0000 | 3.9429 | 3.9429 | 1.6000e-004 | 0.0000 | 3.9469 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2031

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 4.7700e-003 | 0.1940 | 0.0328 | 6.6000e-004 | 0.0161 | 1.8000e-004 | 0.0163 | 4.6600e-003 | 1.7000e-004 | 4.8300e-003 | 0.0000 | 62.2548 | 62.2548 | 4.2600e-003 | 0.0000 | 62.3612 |
| Worker | 0.0249 | 0.0135 | 0.1868 | 8.0000e-004 | 0.1105 | 5.5000e-004 | 0.1110 | 0.0294 | 5.1000e-004 | 0.0299 | 0.0000 | 72.8666 | 72.8666 | 1.1000e-003 | 0.0000 | 72.8942 |
| Total | 0.0297 | 0.2075 | 0.2196 | 1.4600e-003 | 0.1266 | 7.3000e-004 | 0.1273 | 0.0340 | 6.8000e-004 | 0.0347 | 0.0000 | 135.1215 | 135.1215 | 5.3600e-003 | 0.0000 | 135.2555 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 1.9600e-003 | 0.0119 | 0.0242 | 5.0000e-005 | | 2.2000e-004 | 2.2000e-004 | | 2.2000e-004 | 2.2000e-004 | 0.0000 | 3.9429 | 3.9429 | 1.6000e-004 | 0.0000 | 3.9469 |
| Total | 1.9600e-003 | 0.0119 | 0.0242 | 5.0000e-005 | | 2.2000e-004 | 2.2000e-004 | | 2.2000e-004 | 2.2000e-004 | 0.0000 | 3.9429 | 3.9429 | 1.6000e-004 | 0.0000 | 3.9469 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.4 Building Construction - 2031

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 4.7700e-003 | 0.1940 | 0.0328 | 6.6000e-004 | 0.0161 | 1.8000e-004 | 0.0163 | 4.6600e-003 | 1.7000e-004 | 4.8300e-003 | 0.0000 | 62.2548 | 62.2548 | 4.2600e-003 | 0.0000 | 62.3612 |
| Worker | 0.0249 | 0.0135 | 0.1868 | 8.0000e-004 | 0.1105 | 5.5000e-004 | 0.1110 | 0.0294 | 5.1000e-004 | 0.0299 | 0.0000 | 72.8666 | 72.8666 | 1.1000e-003 | 0.0000 | 72.8942 |
| Total | 0.0297 | 0.2075 | 0.2196 | 1.4600e-003 | 0.1266 | 7.3000e-004 | 0.1273 | 0.0340 | 6.8000e-004 | 0.0347 | 0.0000 | 135.1215 | 135.1215 | 5.3600e-003 | 0.0000 | 135.2555 |

3.5 Paving - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1632 | 1.6795 | 1.9049 | 2.9600e-003 | | 0.0881 | 0.0881 | | 0.0811 | 0.0811 | 0.0000 | 260.3052 | 260.3052 | 0.0842 | 0.0000 | 262.4099 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1632 | 1.6795 | 1.9049 | 2.9600e-003 | | 0.0881 | 0.0881 | | 0.0811 | 0.0811 | 0.0000 | 260.3052 | 260.3052 | 0.0842 | 0.0000 | 262.4099 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.5 Paving - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0114 | 7.6800e-003 | 0.0840 | 2.4000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.7000e-004 | 6.5900e-003 | 0.0000 | 21.3475 | 21.3475 | 6.1000e-004 | 0.0000 | 21.3627 |
| Total | 0.0114 | 7.6800e-003 | 0.0840 | 2.4000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.7000e-004 | 6.5900e-003 | 0.0000 | 21.3475 | 21.3475 | 6.1000e-004 | 0.0000 | 21.3627 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1632 | 1.6795 | 1.9049 | 2.9600e-003 | | 0.0881 | 0.0881 | | 0.0811 | 0.0811 | 0.0000 | 260.3049 | 260.3049 | 0.0842 | 0.0000 | 262.4096 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1632 | 1.6795 | 1.9049 | 2.9600e-003 | | 0.0881 | 0.0881 | | 0.0811 | 0.0811 | 0.0000 | 260.3049 | 260.3049 | 0.0842 | 0.0000 | 262.4096 |

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3.5 Paving - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0114 | 7.6800e-003 | 0.0840 | 2.4000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.7000e-004 | 6.5900e-003 | 0.0000 | 21.3475 | 21.3475 | 6.1000e-004 | 0.0000 | 21.3627 |
| Total | 0.0114 | 7.6800e-003 | 0.0840 | 2.4000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.7000e-004 | 6.5900e-003 | 0.0000 | 21.3475 | 21.3475 | 6.1000e-004 | 0.0000 | 21.3627 |

3.5 Paving - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3583 | 260.3583 | 0.0842 | 0.0000 | 262.4634 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3583 | 260.3583 | 0.0842 | 0.0000 | 262.4634 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.5 Paving - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |
| Total | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3579 | 260.3579 | 0.0842 | 0.0000 | 262.4631 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1434 | 1.4462 | 1.8955 | 2.9600e-003 | | 0.0738 | 0.0738 | | 0.0679 | 0.0679 | 0.0000 | 260.3579 | 260.3579 | 0.0842 | 0.0000 | 262.4631 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.5 Paving - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |
| Total | 0.0105 | 6.8600e-003 | 0.0768 | 2.3000e-004 | 0.0242 | 1.8000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 20.5753 | 20.5753 | 5.4000e-004 | 0.0000 | 20.5889 |

3.5 Paving - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3493 | 260.3493 | 0.0842 | 0.0000 | 262.4543 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3493 | 260.3493 | 0.0842 | 0.0000 | 262.4543 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.5 Paving - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |
| Total | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3490 | 260.3490 | 0.0842 | 0.0000 | 262.4540 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1343 | 1.3249 | 1.8960 | 2.9600e-003 | | 0.0663 | 0.0663 | | 0.0610 | 0.0610 | 0.0000 | 260.3490 | 260.3490 | 0.0842 | 0.0000 | 262.4540 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.5 Paving - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |
| Total | 9.7600e-003 | 6.1400e-003 | 0.0702 | 2.2000e-004 | 0.0242 | 1.7000e-004 | 0.0243 | 6.4200e-003 | 1.6000e-004 | 6.5800e-003 | 0.0000 | 19.7974 | 19.7974 | 4.8000e-004 | 0.0000 | 19.8095 |

3.5 Paving - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3476 | 262.3476 | 0.0849 | 0.0000 | 264.4688 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3476 | 262.3476 | 0.0849 | 0.0000 | 264.4688 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.5 Paving - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |
| Total | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3473 | 262.3473 | 0.0849 | 0.0000 | 264.4685 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1295 | 1.2477 | 1.9160 | 2.9900e-003 | | 0.0614 | 0.0614 | | 0.0565 | 0.0565 | 0.0000 | 262.3473 | 262.3473 | 0.0849 | 0.0000 | 264.4685 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.5 Paving - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |
| Total | 9.2200e-003 | 5.6200e-003 | 0.0665 | 2.2000e-004 | 0.0243 | 1.7000e-004 | 0.0245 | 6.4700e-003 | 1.6000e-004 | 6.6300e-003 | 0.0000 | 19.5666 | 19.5666 | 4.6000e-004 | 0.0000 | 19.5780 |

3.5 Paving - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.5 Paving - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |
| Total | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.5 Paving - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |
| Total | 8.5900e-003 | 5.0600e-003 | 0.0611 | 2.1000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.7099 | 18.7099 | 4.1000e-004 | 0.0000 | 18.7201 |

3.5 Paving - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.5 Paving - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |
| Total | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.5 Paving - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |
| Total | 8.1300e-003 | 4.6600e-003 | 0.0578 | 2.0000e-004 | 0.0242 | 1.7000e-004 | 0.0244 | 6.4400e-003 | 1.6000e-004 | 6.6000e-003 | 0.0000 | 18.4999 | 18.4999 | 3.9000e-004 | 0.0000 | 18.5096 |

3.5 Paving - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.5 Paving - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |
| Total | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

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Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |
| Total | 7.6400e-003 | 4.2600e-003 | 0.0538 | 2.0000e-004 | 0.0242 | 1.6000e-004 | 0.0244 | 6.4400e-003 | 1.5000e-004 | 6.5900e-003 | 0.0000 | 17.8670 | 17.8670 | 3.5000e-004 | 0.0000 | 17.8758 |

3.5 Paving - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2503 | 260.2503 | 0.0842 | 0.0000 | 262.3546 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2503 | 260.2503 | 0.0842 | 0.0000 | 262.3546 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.5 Paving - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |
| Total | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2500 | 260.2500 | 0.0842 | 0.0000 | 262.3543 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1190 | 1.1156 | 1.8951 | 2.9600e-003 | | 0.0544 | 0.0544 | | 0.0501 | 0.0501 | 0.0000 | 260.2500 | 260.2500 | 0.0842 | 0.0000 | 262.3543 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.5 Paving - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |
| Total | 7.0800e-003 | 3.8700e-003 | 0.0500 | 1.9000e-004 | 0.0242 | 1.5000e-004 | 0.0243 | 6.4200e-003 | 1.4000e-004 | 6.5600e-003 | 0.0000 | 17.2409 | 17.2409 | 3.2000e-004 | 0.0000 | 17.2489 |

3.5 Paving - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2513 | 261.2513 | 0.0845 | 0.0000 | 263.3636 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

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Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.5800e-003 | 3.5600e-003 | 0.0469 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0244 | 6.4400e-003 | 1.3000e-004 | 6.5700e-003 | 0.0000 | 16.8129 | 16.8129 | 2.9000e-004 | 0.0000 | 16.8202 |
| Total | 6.5800e-003 | 3.5600e-003 | 0.0469 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0244 | 6.4400e-003 | 1.3000e-004 | 6.5700e-003 | 0.0000 | 16.8129 | 16.8129 | 2.9000e-004 | 0.0000 | 16.8202 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1194 | 1.1199 | 1.9024 | 2.9800e-003 | | 0.0546 | 0.0546 | | 0.0503 | 0.0503 | 0.0000 | 261.2510 | 261.2510 | 0.0845 | 0.0000 | 263.3633 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.5 Paving - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.5800e-003 | 3.5600e-003 | 0.0469 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0244 | 6.4400e-003 | 1.3000e-004 | 6.5700e-003 | 0.0000 | 16.8129 | 16.8129 | 2.9000e-004 | 0.0000 | 16.8202 |
| Total | 6.5800e-003 | 3.5600e-003 | 0.0469 | 1.9000e-004 | 0.0242 | 1.4000e-004 | 0.0244 | 6.4400e-003 | 1.3000e-004 | 6.5700e-003 | 0.0000 | 16.8129 | 16.8129 | 2.9000e-004 | 0.0000 | 16.8202 |

3.5 Paving - 2030

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1807 | 0.9292 | 2.0684 | 3.6600e-003 | | 0.0432 | 0.0432 | | 0.0432 | 0.0432 | 0.0000 | 314.4987 | 314.4987 | 0.0147 | 0.0000 | 314.8673 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1807 | 0.9292 | 2.0684 | 3.6600e-003 | | 0.0432 | 0.0432 | | 0.0432 | 0.0432 | 0.0000 | 314.4987 | 314.4987 | 0.0147 | 0.0000 | 314.8673 |

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3.5 Paving - 2030

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.0300e-003 | 3.2500e-003 | 0.0439 | 1.8000e-004 | 0.0242 | 1.3000e-004 | 0.0244 | 6.4400e-003 | 1.2000e-004 | 6.5600e-003 | 0.0000 | 16.3763 | 16.3763 | 2.7000e-004 | 0.0000 | 16.3829 |
| Total | 6.0300e-003 | 3.2500e-003 | 0.0439 | 1.8000e-004 | 0.0242 | 1.3000e-004 | 0.0244 | 6.4400e-003 | 1.2000e-004 | 6.5600e-003 | 0.0000 | 16.3763 | 16.3763 | 2.7000e-004 | 0.0000 | 16.3829 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1807 | 0.9292 | 2.0684 | 3.6600e-003 | | 0.0432 | 0.0432 | | 0.0432 | 0.0432 | 0.0000 | 314.4983 | 314.4983 | 0.0147 | 0.0000 | 314.8669 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1807 | 0.9292 | 2.0684 | 3.6600e-003 | | 0.0432 | 0.0432 | | 0.0432 | 0.0432 | 0.0000 | 314.4983 | 314.4983 | 0.0147 | 0.0000 | 314.8669 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.5 Paving - 2030

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.0300e-003 | 3.2500e-003 | 0.0439 | 1.8000e-004 | 0.0242 | 1.3000e-004 | 0.0244 | 6.4400e-003 | 1.2000e-004 | 6.5600e-003 | 0.0000 | 16.3763 | 16.3763 | 2.7000e-004 | 0.0000 | 16.3829 |
| Total | 6.0300e-003 | 3.2500e-003 | 0.0439 | 1.8000e-004 | 0.0242 | 1.3000e-004 | 0.0244 | 6.4400e-003 | 1.2000e-004 | 6.5600e-003 | 0.0000 | 16.3763 | 16.3763 | 2.7000e-004 | 0.0000 | 16.3829 |

3.5 Paving - 2031

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 2.0800e-003 | 0.0107 | 0.0238 | 4.0000e-005 | | 5.0000e-004 | 5.0000e-004 | | 5.0000e-004 | 5.0000e-004 | 0.0000 | 3.6149 | 3.6149 | 1.7000e-004 | 0.0000 | 3.6192 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 2.0800e-003 | 0.0107 | 0.0238 | 4.0000e-005 | | 5.0000e-004 | 5.0000e-004 | | 5.0000e-004 | 5.0000e-004 | 0.0000 | 3.6149 | 3.6149 | 1.7000e-004 | 0.0000 | 3.6192 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.5 Paving - 2031

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.0000e-005 | 3.0000e-005 | 4.7000e-004 | 0.0000 | 2.8000e-004 | 0.0000 | 2.8000e-004 | 7.0000e-005 | 0.0000 | 8.0000e-005 | 0.0000 | 0.1838 | 0.1838 | 0.0000 | 0.0000 | 0.1839 |
| Total | 6.0000e-005 | 3.0000e-005 | 4.7000e-004 | 0.0000 | 2.8000e-004 | 0.0000 | 2.8000e-004 | 7.0000e-005 | 0.0000 | 8.0000e-005 | 0.0000 | 0.1838 | 0.1838 | 0.0000 | 0.0000 | 0.1839 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 2.0800e-003 | 0.0107 | 0.0238 | 4.0000e-005 | | 5.0000e-004 | 5.0000e-004 | | 5.0000e-004 | 5.0000e-004 | 0.0000 | 3.6149 | 3.6149 | 1.7000e-004 | 0.0000 | 3.6192 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 2.0800e-003 | 0.0107 | 0.0238 | 4.0000e-005 | | 5.0000e-004 | 5.0000e-004 | | 5.0000e-004 | 5.0000e-004 | 0.0000 | 3.6149 | 3.6149 | 1.7000e-004 | 0.0000 | 3.6192 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.5 Paving - 2031

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 6.0000e-005 | 3.0000e-005 | 4.7000e-004 | 0.0000 | 2.8000e-004 | 0.0000 | 2.8000e-004 | 7.0000e-005 | 0.0000 | 8.0000e-005 | 0.0000 | 0.1838 | 0.1838 | 0.0000 | 0.0000 | 0.1839 |
| Total | 6.0000e-005 | 3.0000e-005 | 4.7000e-004 | 0.0000 | 2.8000e-004 | 0.0000 | 2.8000e-004 | 7.0000e-005 | 0.0000 | 8.0000e-005 | 0.0000 | 0.1838 | 0.1838 | 0.0000 | 0.0000 | 0.1839 |

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0285 | 0.1985 | 0.2363 | 3.9000e-004 | | 0.0122 | 0.0122 | | 0.0122 | 0.0122 | 0.0000 | 33.1923 | 33.1923 | 2.2800e-003 | 0.0000 | 33.2492 |
| Total | 11.4696 | 0.1985 | 0.2363 | 3.9000e-004 | | 0.0122 | 0.0122 | | 0.0122 | 0.0122 | 0.0000 | 33.1923 | 33.1923 | 2.2800e-003 | 0.0000 | 33.2492 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.6 Architectural Coating - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.9004 | 0.6088 | 6.6606 | 0.0187 | 1.9144 | 0.0144 | 1.9287 | 0.5089 | 0.0132 | 0.5221 | 0.0000 | 1,692.1485 | 1,692.1485 | 0.0482 | 0.0000 | 1,693.3534 |
| Total | 0.9004 | 0.6088 | 6.6606 | 0.0187 | 1.9144 | 0.0144 | 1.9287 | 0.5089 | 0.0132 | 0.5221 | 0.0000 | 1,692.1485 | 1,692.1485 | 0.0482 | 0.0000 | 1,693.3534 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0285 | 0.1985 | 0.2363 | 3.9000e-004 | | 0.0122 | 0.0122 | | 0.0122 | 0.0122 | 0.0000 | 33.1923 | 33.1923 | 2.2800e-003 | 0.0000 | 33.2492 |
| Total | 11.4696 | 0.1985 | 0.2363 | 3.9000e-004 | | 0.0122 | 0.0122 | | 0.0122 | 0.0122 | 0.0000 | 33.1923 | 33.1923 | 2.2800e-003 | 0.0000 | 33.2492 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.6 Architectural Coating - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.9004 | 0.6088 | 6.6606 | 0.0187 | 1.9144 | 0.0144 | 1.9287 | 0.5089 | 0.0132 | 0.5221 | 0.0000 | 1,692.1485 | 1,692.1485 | 0.0482 | 0.0000 | 1,693.3534 |
| Total | 0.9004 | 0.6088 | 6.6606 | 0.0187 | 1.9144 | 0.0144 | 1.9287 | 0.5089 | 0.0132 | 0.5221 | 0.0000 | 1,692.1485 | 1,692.1485 | 0.0482 | 0.0000 | 1,693.3534 |

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0266 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |
| Total | 11.4677 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.6 Architectural Coating - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.8338 | 0.5441 | 6.0859 | 0.0180 | 1.9144 | 0.0139 | 1.9283 | 0.5089 | 0.0128 | 0.5217 | 0.0000 | 1,630.936 3 | 1,630.936 3 | 0.0430 | 0.0000 | 1,632.012 4 |
| Total | 0.8338 | 0.5441 | 6.0859 | 0.0180 | 1.9144 | 0.0139 | 1.9283 | 0.5089 | 0.0128 | 0.5217 | 0.0000 | 1,630.936 3 | 1,630.936 3 | 0.0430 | 0.0000 | 1,632.012 4 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0266 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |
| Total | 11.4677 | 0.1831 | 0.2358 | 3.9000e-004 | | 0.0106 | 0.0106 | | 0.0106 | 0.0106 | 0.0000 | 33.1923 | 33.1923 | 2.1600e-003 | 0.0000 | 33.2463 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.6 Architectural Coating - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.8338 | 0.5441 | 6.0859 | 0.0180 | 1.9144 | 0.0139 | 1.9283 | 0.5089 | 0.0128 | 0.5217 | 0.0000 | 1,630.936 3 | 1,630.936 3 | 0.0430 | 0.0000 | 1,632.012 4 |
| Total | 0.8338 | 0.5441 | 6.0859 | 0.0180 | 1.9144 | 0.0139 | 1.9283 | 0.5089 | 0.0128 | 0.5217 | 0.0000 | 1,630.936 3 | 1,630.936 3 | 0.0430 | 0.0000 | 1,632.012 4 |

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0249 | 0.1694 | 0.2355 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |
| Total | 11.4661 | 0.1694 | 0.2355 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.7738 | 0.4870 | 5.5642 | 0.0174 | 1.9144 | 0.0135 | 1.9279 | 0.5089 | 0.0124 | 0.5213 | 0.0000 | 1,569.273 2 | 1,569.273 2 | 0.0384 | 0.0000 | 1,570.233 3 |
| Total | 0.7738 | 0.4870 | 5.5642 | 0.0174 | 1.9144 | 0.0135 | 1.9279 | 0.5089 | 0.0124 | 0.5213 | 0.0000 | 1,569.273 2 | 1,569.273 2 | 0.0384 | 0.0000 | 1,570.233 3 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0249 | 0.1694 | 0.2354 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |
| Total | 11.4661 | 0.1694 | 0.2354 | 3.9000e-004 | | 9.2100e-003 | 9.2100e-003 | | 9.2100e-003 | 9.2100e-003 | 0.0000 | 33.1923 | 33.1923 | 1.9900e-003 | 0.0000 | 33.2419 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.7738 | 0.4870 | 5.5642 | 0.0174 | 1.9144 | 0.0135 | 1.9279 | 0.5089 | 0.0124 | 0.5213 | 0.0000 | 1,569.273 2 | 1,569.273 2 | 0.0384 | 0.0000 | 1,570.233 3 |
| Total | 0.7738 | 0.4870 | 5.5642 | 0.0174 | 1.9144 | 0.0135 | 1.9279 | 0.5089 | 0.0124 | 0.5213 | 0.0000 | 1,569.273 2 | 1,569.273 2 | 0.0384 | 0.0000 | 1,570.233 3 |

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.5292 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0237 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |
| Total | 11.5528 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |

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3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.7305 | 0.4455 | 5.2713 | 0.0172 | 1.9291 | 0.0138 | 1.9429 | 0.5128 | 0.0127 | 0.5255 | 0.0000 | 1,550.9826 | 1,550.9826 | 0.0361 | 0.0000 | 1,551.8844 |
| Total | 0.7305 | 0.4455 | 5.2713 | 0.0172 | 1.9291 | 0.0138 | 1.9429 | 0.5128 | 0.0127 | 0.5255 | 0.0000 | 1,550.9826 | 1,550.9826 | 0.0361 | 0.0000 | 1,551.8844 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.5292 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0237 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |
| Total | 11.5528 | 0.1597 | 0.2371 | 3.9000e-004 | | 7.9800e-003 | 7.9800e-003 | | 7.9800e-003 | 7.9800e-003 | 0.0000 | 33.4476 | 33.4476 | 1.8800e-003 | 0.0000 | 33.4947 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.7305 | 0.4455 | 5.2713 | 0.0172 | 1.9291 | 0.0138 | 1.9429 | 0.5128 | 0.0127 | 0.5255 | 0.0000 | 1,550.9826 | 1,550.9826 | 0.0361 | 0.0000 | 1,551.8844 |
| Total | 0.7305 | 0.4455 | 5.2713 | 0.0172 | 1.9291 | 0.0138 | 1.9429 | 0.5128 | 0.0127 | 0.5255 | 0.0000 | 1,550.9826 | 1,550.9826 | 0.0361 | 0.0000 | 1,551.8844 |

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.6 Architectural Coating - 2025

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.6812 | 0.4010 | 4.8395 | 0.0164 | 1.9217 | 0.0134 | 1.9352 | 0.5108 | 0.0124 | 0.5232 | 0.0000 | 1,483.0713 | 1,483.0713 | 0.0324 | 0.0000 | 1,483.8804 |
| Total | 0.6812 | 0.4010 | 4.8395 | 0.0164 | 1.9217 | 0.0134 | 1.9352 | 0.5108 | 0.0124 | 0.5232 | 0.0000 | 1,483.0713 | 1,483.0713 | 0.0324 | 0.0000 | 1,483.8804 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.6 Architectural Coating - 2025

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.6812 | 0.4010 | 4.8395 | 0.0164 | 1.9217 | 0.0134 | 1.9352 | 0.5108 | 0.0124 | 0.5232 | 0.0000 | 1,483.0713 | 1,483.0713 | 0.0324 | 0.0000 | 1,483.8804 |
| Total | 0.6812 | 0.4010 | 4.8395 | 0.0164 | 1.9217 | 0.0134 | 1.9352 | 0.5108 | 0.0124 | 0.5232 | 0.0000 | 1,483.0713 | 1,483.0713 | 0.0324 | 0.0000 | 1,483.8804 |

3.6 Architectural Coating - 2026

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.6 Architectural Coating - 2026

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.6446 | 0.3697 | 4.5845 | 0.0162 | 1.9217 | 0.0136 | 1.9354 | 0.5108 | 0.0125 | 0.5234 | 0.0000 | 1,466.4238 | 1,466.4238 | 0.0307 | 0.0000 | 1,467.1919 |
| Total | 0.6446 | 0.3697 | 4.5845 | 0.0162 | 1.9217 | 0.0136 | 1.9354 | 0.5108 | 0.0125 | 0.5234 | 0.0000 | 1,466.4238 | 1,466.4238 | 0.0307 | 0.0000 | 1,467.1919 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.6 Architectural Coating - 2026

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.6446 | 0.3697 | 4.5845 | 0.0162 | 1.9217 | 0.0136 | 1.9354 | 0.5108 | 0.0125 | 0.5234 | 0.0000 | 1,466.4238 | 1,466.4238 | 0.0307 | 0.0000 | 1,467.1919 |
| Total | 0.6446 | 0.3697 | 4.5845 | 0.0162 | 1.9217 | 0.0136 | 1.9354 | 0.5108 | 0.0125 | 0.5234 | 0.0000 | 1,466.4238 | 1,466.4238 | 0.0307 | 0.0000 | 1,467.1919 |

3.6 Architectural Coating - 2027

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.6 Architectural Coating - 2027

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.6055 | 0.3373 | 4.2654 | 0.0157 | 1.9217 | 0.0129 | 1.9347 | 0.5108 | 0.0119 | 0.5227 | 0.0000 | 1,416.2553 | 1,416.2553 | 0.0279 | 0.0000 | 1,416.9529 |
| Total | 0.6055 | 0.3373 | 4.2654 | 0.0157 | 1.9217 | 0.0129 | 1.9347 | 0.5108 | 0.0119 | 0.5227 | 0.0000 | 1,416.2553 | 1,416.2553 | 0.0279 | 0.0000 | 1,416.9529 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.6 Architectural Coating - 2027

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.6055 | 0.3373 | 4.2654 | 0.0157 | 1.9217 | 0.0129 | 1.9347 | 0.5108 | 0.0119 | 0.5227 | 0.0000 | 1,416.2553 | 1,416.2553 | 0.0279 | 0.0000 | 1,416.9529 |
| Total | 0.6055 | 0.3373 | 4.2654 | 0.0157 | 1.9217 | 0.0129 | 1.9347 | 0.5108 | 0.0119 | 0.5227 | 0.0000 | 1,416.2553 | 1,416.2553 | 0.0279 | 0.0000 | 1,416.9529 |

3.6 Architectural Coating - 2028

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0222 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2376 |
| Total | 11.4634 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2376 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.6 Architectural Coating - 2028

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.5613 | 0.3071 | 3.9668 | 0.0151 | 1.9144 | 0.0120 | 1.9263 | 0.5089 | 0.0110 | 0.5199 | 0.0000 | 1,366.6255 | 1,366.6255 | 0.0254 | 0.0000 | 1,367.2593 |
| Total | 0.5613 | 0.3071 | 3.9668 | 0.0151 | 1.9144 | 0.0120 | 1.9263 | 0.5089 | 0.0110 | 0.5199 | 0.0000 | 1,366.6255 | 1,366.6255 | 0.0254 | 0.0000 | 1,367.2593 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4411 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0222 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2375 |
| Total | 11.4634 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 6.7000e-003 | | 6.7000e-003 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2375 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.6 Architectural Coating - 2028

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.5613 | 0.3071 | 3.9668 | 0.0151 | 1.9144 | 0.0120 | 1.9263 | 0.5089 | 0.0110 | 0.5199 | 0.0000 | 1,366.6255 | 1,366.6255 | 0.0254 | 0.0000 | 1,367.2593 |
| Total | 0.5613 | 0.3071 | 3.9668 | 0.0151 | 1.9144 | 0.0120 | 1.9263 | 0.5089 | 0.0110 | 0.5199 | 0.0000 | 1,366.6255 | 1,366.6255 | 0.0254 | 0.0000 | 1,367.2593 |

3.6 Architectural Coating - 2029

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |

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3.6 Architectural Coating - 2029

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.5212 | 0.2820 | 3.7197 | 0.0147 | 1.9217 | 0.0112 | 1.9329 | 0.5108 | 0.0103 | 0.5211 | 0.0000 | 1,332.698 2 | 1,332.698 2 | 0.0232 | 0.0000 | 1,333.278 0 |
| Total | 0.5212 | 0.2820 | 3.7197 | 0.0147 | 1.9217 | 0.0112 | 1.9329 | 0.5108 | 0.0103 | 0.5211 | 0.0000 | 1,332.698 2 | 1,332.698 2 | 0.0232 | 0.0000 | 1,333.278 0 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0223 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 11.5074 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 6.7200e-003 | | 6.7200e-003 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |

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3.6 Architectural Coating - 2029

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.5212 | 0.2820 | 3.7197 | 0.0147 | 1.9217 | 0.0112 | 1.9329 | 0.5108 | 0.0103 | 0.5211 | 0.0000 | 1,332.698 2 | 1,332.698 2 | 0.0232 | 0.0000 | 1,333.278 0 |
| Total | 0.5212 | 0.2820 | 3.7197 | 0.0147 | 1.9217 | 0.0112 | 1.9329 | 0.5108 | 0.0103 | 0.5211 | 0.0000 | 1,332.698 2 | 1,332.698 2 | 0.0232 | 0.0000 | 1,333.278 0 |

3.6 Architectural Coating - 2030

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0171 | 0.1117 | 0.2346 | 3.9000e-004 | | 2.6500e-003 | 2.6500e-003 | | 2.6500e-003 | 2.6500e-003 | 0.0000 | 33.3200 | 33.3200 | 1.3500e-003 | 0.0000 | 33.3537 |
| Total | 11.5022 | 0.1117 | 0.2346 | 3.9000e-004 | | 2.6500e-003 | 2.6500e-003 | | 2.6500e-003 | 2.6500e-003 | 0.0000 | 33.3200 | 33.3200 | 1.3500e-003 | 0.0000 | 33.3537 |

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3.6 Architectural Coating - 2030

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|--------------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4780 | 0.2576 | 3.4787 | 0.0143 | 1.9217 | 0.0104 | 1.9321 | 0.5108 | 9.5400e-003 | 0.5204 | 0.0000 | 1,298.0926 | 1,298.0926 | 0.0211 | 0.0000 | 1,298.6210 |
| Total | 0.4780 | 0.2576 | 3.4787 | 0.0143 | 1.9217 | 0.0104 | 1.9321 | 0.5108 | 9.5400e-003 | 0.5204 | 0.0000 | 1,298.0926 | 1,298.0926 | 0.0211 | 0.0000 | 1,298.6210 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0171 | 0.1117 | 0.2346 | 3.9000e-004 | | 2.6500e-003 | 2.6500e-003 | | 2.6500e-003 | 2.6500e-003 | 0.0000 | 33.3199 | 33.3199 | 1.3500e-003 | 0.0000 | 33.3536 |
| Total | 11.5022 | 0.1117 | 0.2346 | 3.9000e-004 | | 2.6500e-003 | 2.6500e-003 | | 2.6500e-003 | 2.6500e-003 | 0.0000 | 33.3199 | 33.3199 | 1.3500e-003 | 0.0000 | 33.3536 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

3.6 Architectural Coating - 2030

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|--------------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.4780 | 0.2576 | 3.4787 | 0.0143 | 1.9217 | 0.0104 | 1.9321 | 0.5108 | 9.5400e-003 | 0.5204 | 0.0000 | 1,298.0926 | 1,298.0926 | 0.0211 | 0.0000 | 1,298.6210 |
| Total | 0.4780 | 0.2576 | 3.4787 | 0.0143 | 1.9217 | 0.0104 | 1.9321 | 0.5108 | 9.5400e-003 | 0.5204 | 0.0000 | 1,298.0926 | 1,298.0926 | 0.0211 | 0.0000 | 1,298.6210 |

3.6 Architectural Coating - 2031

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 0.1320 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 2.0000e-004 | 1.2800e-003 | 2.7000e-003 | 0.0000 | | 3.0000e-005 | 3.0000e-005 | | 3.0000e-005 | 3.0000e-005 | 0.0000 | 0.3830 | 0.3830 | 2.0000e-005 | 0.0000 | 0.3834 |
| Total | 0.1322 | 1.2800e-003 | 2.7000e-003 | 0.0000 | | 3.0000e-005 | 3.0000e-005 | | 3.0000e-005 | 3.0000e-005 | 0.0000 | 0.3830 | 0.3830 | 2.0000e-005 | 0.0000 | 0.3834 |

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3.6 Architectural Coating - 2031

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 4.9800e-003 | 2.7000e-003 | 0.0374 | 1.6000e-004 | 0.0221 | 1.1000e-004 | 0.0222 | 5.8700e-003 | 1.0000e-004 | 5.9700e-003 | 0.0000 | 14.5709 | 14.5709 | 2.2000e-004 | 0.0000 | 14.5764 |
| Total | 4.9800e-003 | 2.7000e-003 | 0.0374 | 1.6000e-004 | 0.0221 | 1.1000e-004 | 0.0222 | 5.8700e-003 | 1.0000e-004 | 5.9700e-003 | 0.0000 | 14.5709 | 14.5709 | 2.2000e-004 | 0.0000 | 14.5764 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 0.1320 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 2.0000e-004 | 1.2800e-003 | 2.7000e-003 | 0.0000 | | 3.0000e-005 | 3.0000e-005 | | 3.0000e-005 | 3.0000e-005 | 0.0000 | 0.3830 | 0.3830 | 2.0000e-005 | 0.0000 | 0.3834 |
| Total | 0.1322 | 1.2800e-003 | 2.7000e-003 | 0.0000 | | 3.0000e-005 | 3.0000e-005 | | 3.0000e-005 | 3.0000e-005 | 0.0000 | 0.3830 | 0.3830 | 2.0000e-005 | 0.0000 | 0.3834 |

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3.6 Architectural Coating - 2031

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 4.9800e-003 | 2.7000e-003 | 0.0374 | 1.6000e-004 | 0.0221 | 1.1000e-004 | 0.0222 | 5.8700e-003 | 1.0000e-004 | 5.9700e-003 | 0.0000 | 14.5709 | 14.5709 | 2.2000e-004 | 0.0000 | 14.5764 |
| Total | 4.9800e-003 | 2.7000e-003 | 0.0374 | 1.6000e-004 | 0.0221 | 1.1000e-004 | 0.0222 | 5.8700e-003 | 1.0000e-004 | 5.9700e-003 | 0.0000 | 14.5709 | 14.5709 | 2.2000e-004 | 0.0000 | 14.5764 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Improve Pedestrian Network

Implement Trip Reduction Program

Encourage Telecommuting and Alternative Work Schedules

Employee Vanpool/Shuttle

Provide Ride Sharing Program

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|---------|---------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|--------|--------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 7.4102 | 88.1549 | 82.8593 | 0.6183 | 53.5260 | 0.2109 | 53.7368 | 14.3481 | 0.1974 | 14.5455 | 0.0000 | 57,556.07 60 | 57,556.07 60 | 2.9298 | 0.0000 | 57,629.32 13 |
| Unmitigated | 7.7989 | 90.4176 | 89.2360 | 0.6659 | 58.3944 | 0.2285 | 58.6229 | 15.6531 | 0.2139 | 15.8670 | 0.0000 | 61,977.76 78 | 61,977.76 78 | 3.0118 | 0.0000 | 62,053.06 28 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|-----------------------|-------------------------|------------------|------------------|--------------------|--------------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| City Park | 0.00 | 0.00 | 0.00 | | |
| Condo/Townhouse | 0.00 | 0.00 | 0.00 | | |
| Elementary School | 0.00 | 0.00 | 0.00 | | |
| Office Park | 0.00 | 0.00 | 0.00 | | |
| Single Family Housing | 46,294.74 | 46,294.74 | 46,294.74 | 154,946,476 | 142,028,364 |
| Strip Mall | 0.00 | 0.00 | 0.00 | | |
| Total | 46,294.74 | 46,294.74 | 46,294.74 | 154,946,476 | 142,028,364 |

4.3 Trip Type Information

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

| Land Use | Miles | | | Trip % | | | Trip Purpose % | | |
|-----------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| City Park | 14.70 | 6.60 | 6.60 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |
| Condo/Townhouse | 16.80 | 7.10 | 7.90 | 42.30 | 19.60 | 38.10 | 86 | 11 | 3 |
| Elementary School | 14.70 | 6.60 | 6.60 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| Office Park | 14.70 | 6.60 | 6.60 | 33.00 | 48.00 | 19.00 | 82 | 15 | 3 |
| Single Family Housing | 15.12 | 6.39 | 7.11 | 42.30 | 19.60 | 38.10 | 86 | 11 | 3 |
| Strip Mall | 14.70 | 6.60 | 6.60 | 16.60 | 64.40 | 19.00 | 45 | 40 | 15 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| City Park | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |
| Condo/Townhouse | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |
| Elementary School | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |
| Office Park | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |
| Single Family Housing | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |
| Strip Mall | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Kilowatt Hours of Renewable Electricity Generated

Install Energy Efficient Appliances

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|---------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|--------|--------|-------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Electricity Mitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 9,114.9148 | 9,114.9148 | 0.8039 | 0.1663 | 9,184.5795 |
| Electricity Unmitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 10,008.5285 | 10,008.5285 | 0.8828 | 0.1826 | 10,085.0231 |
| NaturalGas Mitigated | 0.8513 | 7.3169 | 3.4024 | 0.0464 | | | 0.5882 | 0.5882 | | 0.5882 | 0.0000 | 8,425.3586 | 8,425.3586 | 0.1615 | 0.1545 | 8,475.4263 |
| NaturalGas Unmitigated | 1.0245 | 8.8057 | 4.0971 | 0.0559 | | | 0.7079 | 0.7079 | | 0.7079 | 0.0000 | 10,139.2242 | 10,139.2242 | 0.1943 | 0.1859 | 10,199.4765 |

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5.2 Energy by Land Use - NaturalGas

Unmitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|-----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|--------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 4.09256e+007 | 0.2207 | 1.8858 | 0.8025 | 0.0120 | | 0.1525 | 0.1525 | | 0.1525 | 0.1525 | 0.0000 | 2,183.9454 | 2,183.9454 | 0.0419 | 0.0400 | 2,196.9235 | |
| Elementary School | 2.93899e+006 | 0.0159 | 0.1441 | 0.1210 | 8.6000e-004 | | 0.0110 | 0.0110 | | 0.0110 | 0.0110 | 0.0000 | 156.8359 | 156.8359 | 3.0100e-003 | 2.8800e-003 | 157.7679 | |
| Office Park | 5.29886e+006 | 0.0286 | 0.2598 | 0.2182 | 1.5600e-003 | | 0.0197 | 0.0197 | | 0.0197 | 0.0197 | 0.0000 | 282.7671 | 282.7671 | 5.4200e-003 | 5.1800e-003 | 284.4475 | |
| Single Family Housing | 1.3185e+008 | 0.7110 | 6.0755 | 2.5853 | 0.0388 | | 0.4912 | 0.4912 | | 0.4912 | 0.4912 | 0.0000 | 7,036.0419 | 7,036.0419 | 0.1349 | 0.1290 | 7,077.8536 | |
| Strip Mall | 8.988e+006 | 0.0485 | 0.4406 | 0.3701 | 2.6400e-003 | | 0.0335 | 0.0335 | | 0.0335 | 0.0335 | 0.0000 | 479.6339 | 479.6339 | 9.1900e-003 | 8.7900e-003 | 482.4841 | |
| Total | | 1.0245 | 8.8057 | 4.0971 | 0.0559 | | 0.7079 | 0.7079 | | 0.7079 | 0.7079 | 0.0000 | 10,139.2242 | 10,139.2242 | 0.1943 | 0.1859 | 10,199.4765 | |

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5.2 Energy by Land Use - NaturalGas

Mitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|-----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|--------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 3.44367e+007 | 0.1857 | 1.5868 | 0.6752 | 0.0101 | | 0.1283 | 0.1283 | | 0.1283 | 0.1283 | 0.0000 | 1,837.6720 | 1,837.6720 | 0.0352 | 0.0337 | 1,848.5923 | |
| Elementary School | 2.39614e+006 | 0.0129 | 0.1175 | 0.0987 | 7.0000e-004 | | 8.9300e-003 | 8.9300e-003 | | 8.9300e-003 | 8.9300e-003 | 0.0000 | 127.8671 | 127.8671 | 2.4500e-003 | 2.3400e-003 | 128.6270 | |
| Office Park | 4.27723e+006 | 0.0231 | 0.2097 | 0.1761 | 1.2600e-003 | | 0.0159 | 0.0159 | | 0.0159 | 0.0159 | 0.0000 | 228.2494 | 228.2494 | 4.3700e-003 | 4.1800e-003 | 229.6058 | |
| Single Family Housing | 1.09235e+008 | 0.5890 | 5.0334 | 2.1419 | 0.0321 | | 0.4070 | 0.4070 | | 0.4070 | 0.4070 | 0.0000 | 5,829.2156 | 5,829.2156 | 0.1117 | 0.1069 | 5,863.8557 | |
| Strip Mall | 7.53984e+006 | 0.0407 | 0.3696 | 0.3105 | 2.2200e-003 | | 0.0281 | 0.0281 | | 0.0281 | 0.0281 | 0.0000 | 402.3546 | 402.3546 | 7.7100e-003 | 7.3800e-003 | 404.7456 | |
| Total | | 0.8513 | 7.3169 | 3.4023 | 0.0464 | | 0.5882 | 0.5882 | | 0.5882 | 0.5882 | 0.0000 | 8,425.3586 | 8,425.3586 | 0.1615 | 0.1545 | 8,475.4263 | |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|--------------------|---------------|---------------|--------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 1.25475e+007 | 1,871.3417 | 0.1651 | 0.0342 | 1,885.6442 |
| Elementary School | 821654 | 122.5424 | 0.0108 | 2.2400e-003 | 123.4790 |
| Office Park | 2.71223e+006 | 404.5056 | 0.0357 | 7.3800e-003 | 407.5972 |
| Single Family Housing | 4.41804e+007 | 6,589.1184 | 0.5812 | 0.1202 | 6,639.4786 |
| Strip Mall | 6.846e+006 | 1,021.0205 | 0.0901 | 0.0186 | 1,028.8241 |
| Total | | 10,008.5285 | 0.8828 | 0.1826 | 10,085.0231 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | -3.33333 | -0.0005 | 0.0000 | 0.0000 | -0.0005 |
| Condo/Townhouse | 1.14671e+007 | 1,710.2232 | 0.1508 | 0.0312 | 1,723.2943 |
| Elementary School | 701563 | 104.6319 | 9.2300e-003 | 1.9100e-003 | 105.4316 |
| Office Park | 2.37867e+006 | 354.7571 | 0.0313 | 6.4700e-003 | 357.4685 |
| Single Family Housing | 4.07055e+007 | 6,070.8590 | 0.5355 | 0.1108 | 6,117.2583 |
| Strip Mall | 5.8632e+006 | 874.4440 | 0.0771 | 0.0160 | 881.1273 |
| Total | | 9,114.9148 | 0.8039 | 0.1663 | 9,184.5795 |

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- No Hearths Installed

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|--------|----------|-------------|---------------|--------------|------------|----------------|---------------|-------------|------------|------------|-------------|---------|--------|-------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 62.1477 | 0.6249 | 54.1441 | 2.8700e-003 | | 0.3015 | 0.3015 | | 0.3015 | 0.3015 | 0.0000 | 88.8411 | 88.8411 | 0.0846 | 0.0000 | 90.9571 |
| Unmitigated | 98.7381 | 8.7368 | 384.6946 | 1.0950 | | 54.2563 | 54.2563 | | 54.2563 | 54.2563 | 7,194.9148 | 3,260.3525 | 10,455.2673 | 33.7802 | 0.0581 | 11,317.0991 |

6.2 Area by SubCategory

Unmitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|-----------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------|--------------------|----------------|---------------|--------------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 49.0417 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 36.5905 | 8.1119 | 330.5505 | 1.0922 | | 53.9547 | 53.9547 | | 53.9547 | 53.9547 | 7,194.9148 | 3,171.5113 | 10,366.4262 | 33.6956 | 0.0581 | 11,226.1420 |
| Landscaping | 1.6209 | 0.6249 | 54.1441 | 2.8700e-003 | | 0.3015 | 0.3015 | | 0.3015 | 0.3015 | 0.0000 | 88.8411 | 88.8411 | 0.0846 | 0.0000 | 90.9571 |
| Total | 98.7381 | 8.7368 | 384.6946 | 1.0950 | | 54.2563 | 54.2563 | | 54.2563 | 54.2563 | 7,194.9148 | 3,260.3525 | 10,455.2673 | 33.7802 | 0.0581 | 11,317.0991 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

6.2 Area by SubCategory

Mitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|----------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 11.4851 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 49.0417 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Landscaping | 1.6209 | 0.6249 | 54.1441 | 2.8700e-003 | | 0.3015 | 0.3015 | | 0.3015 | 0.3015 | 0.0000 | 88.8411 | 88.8411 | 0.0846 | 0.0000 | 90.9571 |
| Total | 62.1477 | 0.6249 | 54.1441 | 2.8700e-003 | | 0.3015 | 0.3015 | | 0.3015 | 0.3015 | 0.0000 | 88.8411 | 88.8411 | 0.0846 | 0.0000 | 90.9571 |

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|---------|--------|------------|
| Category | MT/yr | | | |
| Mitigated | 737.9851 | 15.2744 | 0.3702 | 1,230.1646 |
| Unmitigated | 922.4814 | 19.0931 | 0.4628 | 1,537.7058 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

7.2 Water by Land Use

Unmitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-----------------|----------------|---------------|-------------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 136.615 | 71.3124 | 6.2900e-003 | 1.3000e-003 | 71.8574 |
| Condo/Townhouse | 148.421 / 93.5697 | 215.7060 | 4.8512 | 0.1173 | 371.9324 |
| Elementary School | 3.39394 / 8.72726 | 8.3712 | 0.1112 | 2.7400e-003 | 11.9699 |
| Office Park | 41.3426 / 25.339 | 59.7066 | 1.3513 | 0.0327 | 103.2206 |
| Single Family Housing | 328.572 / 207.143 | 477.5265 | 10.7394 | 0.2596 | 823.3779 |
| Strip Mall | 62.2209 / 38.1354 | 89.8587 | 2.0337 | 0.0492 | 155.3475 |
| Total | | 922.4814 | 19.0930 | 0.4627 | 1,537.7057 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

7.2 Water by Land Use

Mitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-----------------|----------------|---------------|-------------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 109.292 | 57.0499 | 5.0300e-003 | 1.0400e-003 | 57.4859 |
| Condo/Townhouse | 118.737 / 74.8557 | 172.5648 | 3.8809 | 0.0938 | 297.5459 |
| Elementary School | 2.71515 / 6.98181 | 6.6970 | 0.0890 | 2.2000e-003 | 9.5760 |
| Office Park | 33.0741 / 20.2712 | 47.7653 | 1.0810 | 0.0261 | 82.5765 |
| Single Family Housing | 262.857 / 165.714 | 382.0212 | 8.5916 | 0.2077 | 658.7024 |
| Strip Mall | 49.7767 / 30.5083 | 71.8870 | 1.6269 | 0.0393 | 124.2780 |
| Total | | 737.9851 | 15.2744 | 0.3702 | 1,230.1646 |

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|----------------|---------|--------|----------------|
| | MT/yr | | | |
| Mitigated | 1,157.634 6 | 68.4143 | 0.0000 | 2,867.990 8 |
| Unmitigated | 1,543.512 8 | 91.2190 | 0.0000 | 3,823.987 7 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

8.2 Waste by Land Use**Unmitigated**

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-------------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 9.86 | 2.0015 | 0.1183 | 0.0000 | 4.9586 |
| Condo/Townhouse | 1047.88 | 212.7102 | 12.5708 | 0.0000 | 526.9804 |
| Elementary School | 255.5 | 51.8642 | 3.0651 | 0.0000 | 128.4913 |
| Office Park | 216.33 | 43.9130 | 2.5952 | 0.0000 | 108.7927 |
| Single Family Housing | 5192.28 | 1,053.9859 | 62.2888 | 0.0000 | 2,611.2055 |
| Strip Mall | 882 | 179.0380 | 10.5808 | 0.0000 | 443.5591 |
| Total | | 1,543.5128 | 91.2190 | 0.0000 | 3,823.9877 |

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

8.2 Waste by Land Use

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-------------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 7.395 | 1.5011 | 0.0887 | 0.0000 | 3.7190 |
| Condo/Townhouse | 785.91 | 159.5326 | 9.4281 | 0.0000 | 395.2353 |
| Elementary School | 191.625 | 38.8981 | 2.2988 | 0.0000 | 96.3685 |
| Office Park | 162.248 | 32.9348 | 1.9464 | 0.0000 | 81.5945 |
| Single Family Housing | 3894.21 | 790.4894 | 46.7166 | 0.0000 | 1,958.4041 |
| Strip Mall | 661.5 | 134.2785 | 7.9356 | 0.0000 | 332.6694 |
| Total | | 1,157.6346 | 68.4142 | 0.0000 | 2,867.9908 |

9.0 Operational Offroad

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

| Equipment Type | Number | Hours/Day | Hours/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|------------|-------------|-------------|-----------|
|----------------|--------|-----------|------------|-------------|-------------|-----------|

Boilers

Village D Specific Plan - Phase III Operational Mitigated (Phases I and II) - Madera County, Annual

| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

User Defined Equipment

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

11.0 Vegetation

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

**Village D Specific Plan - Phase III Operational (Phase III) Mitigated
Madera County, Annual**

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-----------------------|----------|---------------|-------------|--------------------|------------|
| Elementary School | 700.00 | Student | 20.00 | 58,522.36 | 0 |
| City Park | 50.00 | Acre | 50.00 | 2,178,000.00 | 0 |
| Condo/Townhouse | 1,883.00 | Dwelling Unit | 154.00 | 1,883,000.00 | 5385 |
| Single Family Housing | 1,597.00 | Dwelling Unit | 228.40 | 2,874,600.00 | 4567 |
| Strip Mall | 995.56 | 1000sqft | 65.00 | 995,560.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|---------------------------------|--------------------------------|---------------------------------|-------|----------------------------------|-------|
| Urbanization | Rural | Wind Speed (m/s) | 2.9 | Precipitation Freq (Days) | 51 |
| Climate Zone | 3 | | | Operational Year | 2050 |
| Utility Company | Pacific Gas & Electric Company | | | | |
| CO2 Intensity (lb/MW hr) | 328.8 | CH4 Intensity (lb/MW hr) | 0.029 | N2O Intensity (lb/MW hr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

Project Characteristics - CO2 intensity based on 5-year average (PG&E 2015)

Land Use - Based on land use summary

Construction Phase - Operational run only

Vehicle Trips - Based on trip generation prepared for the proposed project

Construction Off-road Equipment Mitigation - Mitigation includes Tier 4 construction equipment and compliance with SJVAPCD Rule 9510

Mobile Land Use Mitigation -

Mobile Commute Mitigation - Implement trip reduction program, encourage telecommuting, employee vanpool/shuttle, and ride sharing program

Area Mitigation - Only natural gas hearth and use low VOC paint

Energy Mitigation - Assuming energy-efficient clothes washers, dishwashers, fans, and refrigerators in all residential units. Mitigation includes exceed Title 24 by 20%, 20% lighting energy reduction, and 20 percent on-site renewable energy

Water Mitigation - Mitigation includes applying a water conservation strategy to reduce water usage by 20%

Waste Mitigation - Assuming 25 percent reduction in waste disposed, consistent with the CalRecycle Waste Diversion and Recycling Mandate

| Table Name | Column Name | Default Value | New Value |
|-------------------------|------------------------------|---------------|------------|
| tblAreaMitigation | UseLowVOCPaintParkingCheck | False | True |
| tblConstDustMitigation | WaterUnpavedRoadVehicleSpeed | 0 | 15 |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 3.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |

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| | | | |
|---------------------------|----------------------------|-----------|--------------|
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 4.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 9.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblLandUse | LotAcreage | 1.34 | 20.00 |
| tblLandUse | LotAcreage | 117.69 | 154.00 |
| tblLandUse | LotAcreage | 518.51 | 228.40 |
| tblLandUse | LotAcreage | 22.85 | 65.00 |
| tblProjectCharacteristics | CO2IntensityFactor | 641.35 | 328.8 |
| tblProjectCharacteristics | UrbanizationLevel | Urban | Rural |
| tblVehicleTrips | HO_TL | 7.90 | 7.11 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

| | | | |
|-----------------|--------------------|--------|--------|
| tblVehicleTrips | HS_TL | 7.10 | 6.39 |
| tblVehicleTrips | HW_TL | 16.80 | 15.12 |
| tblVehicleTrips | ST_TR | 22.75 | 0.00 |
| tblVehicleTrips | ST_TR | 5.67 | 0.00 |
| tblVehicleTrips | ST_TR | 9.91 | 20.55 |
| tblVehicleTrips | ST_TR | 42.04 | 0.00 |
| tblVehicleTrips | SU_TR | 16.74 | 0.00 |
| tblVehicleTrips | SU_TR | 4.84 | 0.00 |
| tblVehicleTrips | SU_TR | 8.62 | 20.55 |
| tblVehicleTrips | SU_TR | 20.43 | 0.00 |
| tblVehicleTrips | WD_TR | 1.89 | 0.00 |
| tblVehicleTrips | WD_TR | 5.81 | 0.00 |
| tblVehicleTrips | WD_TR | 1.29 | 0.00 |
| tblVehicleTrips | WD_TR | 9.52 | 20.55 |
| tblVehicleTrips | WD_TR | 44.32 | 0.00 |
| tblWoodstoves | NumberCatalytic | 154.00 | 117.69 |
| tblWoodstoves | NumberCatalytic | 228.40 | 518.51 |
| tblWoodstoves | NumberNoncatalytic | 154.00 | 117.69 |
| tblWoodstoves | NumberNoncatalytic | 228.40 | 518.51 |

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|--------|--------|------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2040 | 0.2600 | 1.0454 | 2.0925 | 6.2600e-003 | 2.3867 | 0.0265 | 2.4133 | 1.3037 | 0.0265 | 1.3302 | 0.0000 | 539.1594 | 539.1594 | 0.0204 | 0.0000 | 539.6687 |
| 2041 | 0.3216 | 0.9965 | 2.6239 | 8.1700e-003 | 2.6460 | 0.0283 | 2.6743 | 0.9011 | 0.0283 | 0.9294 | 0.0000 | 746.3346 | 746.3346 | 0.0253 | 0.0000 | 746.9661 |
| 2042 | 0.3593 | 0.9666 | 2.9487 | 9.3400e-003 | 2.0510 | 0.0295 | 2.0805 | 0.5737 | 0.0295 | 0.6032 | 0.0000 | 872.9418 | 872.9418 | 0.0282 | 0.0000 | 873.6478 |
| 2043 | 0.3593 | 0.9666 | 2.9487 | 9.3400e-003 | 2.0510 | 0.0295 | 2.0805 | 0.5737 | 0.0295 | 0.6032 | 0.0000 | 872.9418 | 872.9418 | 0.0282 | 0.0000 | 873.6478 |
| 2044 | 0.3943 | 1.4592 | 3.3155 | 0.0126 | 2.3407 | 0.0296 | 2.3703 | 0.6388 | 0.0295 | 0.6683 | 0.0000 | 1,172.9464 | 1,172.9464 | 0.0390 | 0.0000 | 1,173.9212 |
| 2045 | 0.8847 | 9.4193 | 8.9048 | 0.0653 | 5.8357 | 0.0299 | 5.8656 | 1.5675 | 0.0285 | 1.5960 | 0.0000 | 6,018.5834 | 6,018.5834 | 0.2079 | 0.0000 | 6,023.7812 |
| 2046 | 0.8881 | 9.4555 | 8.9390 | 0.0656 | 5.8582 | 0.0300 | 5.8882 | 1.5735 | 0.0286 | 1.6022 | 0.0000 | 6,041.7318 | 6,041.7318 | 0.2087 | 0.0000 | 6,046.9496 |
| 2047 | 0.8881 | 9.4555 | 8.9390 | 0.0656 | 5.8582 | 0.0300 | 5.8882 | 1.5735 | 0.0286 | 1.6022 | 0.0000 | 6,041.7318 | 6,041.7318 | 0.2087 | 0.0000 | 6,046.9496 |
| 2048 | 0.8915 | 9.4918 | 8.9733 | 0.0658 | 5.8806 | 0.0301 | 5.9107 | 1.5796 | 0.0288 | 1.6083 | 0.0000 | 6,064.8802 | 6,064.8802 | 0.2095 | 0.0000 | 6,070.1180 |
| 2049 | 0.8881 | 9.4555 | 8.9390 | 0.0656 | 5.8582 | 0.0300 | 5.8882 | 1.5735 | 0.0286 | 1.6022 | 0.0000 | 6,041.7318 | 6,041.7318 | 0.2087 | 0.0000 | 6,046.9496 |
| 2050 | 0.8628 | 9.3682 | 8.8079 | 0.0652 | 5.8357 | 0.0292 | 5.8649 | 1.5675 | 0.0279 | 1.5954 | 0.0000 | 6,006.8170 | 6,006.8170 | 0.2029 | 0.0000 | 6,011.8890 |
| 2051 | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | 4.9370 | 9.5800e-003 | 4.9466 | 1.2118 | 9.5800e-003 | 1.2214 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| 2052 | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | 4.9750 | 9.6600e-003 | 4.9846 | 1.2211 | 9.6600e-003 | 1.2308 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |
| 2053 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2054 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2055 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2056 | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | 4.9370 | 9.5800e-003 | 4.9466 | 1.2118 | 9.5800e-003 | 1.2214 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| 2057 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|----------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2058 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2059 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2060 | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | 4.9750 | 9.6600e-003 | 4.9846 | 1.2211 | 9.6600e-003 | 1.2308 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |
| 2061 | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | 4.9370 | 9.5800e-003 | 4.9466 | 1.2118 | 9.5800e-003 | 1.2214 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| 2062 | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | 4.9370 | 9.5800e-003 | 4.9466 | 1.2118 | 9.5800e-003 | 1.2214 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| 2063 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2064 | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | 4.9750 | 9.6600e-003 | 4.9846 | 1.2211 | 9.6600e-003 | 1.2308 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |
| 2065 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2066 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2067 | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | 4.9370 | 9.5800e-003 | 4.9466 | 1.2118 | 9.5800e-003 | 1.2214 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| 2068 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2069 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2070 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2071 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2072 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2073 | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | 4.9370 | 9.5800e-003 | 4.9466 | 1.2118 | 9.5800e-003 | 1.2214 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| 2074 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2075 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------------|------------------------------|---------------|---------------|------------------------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2076 | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | 4.9750 | 9.6600e-003 | 4.9846 | 1.2211 | 9.6600e-003 | 1.2308 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |
| 2077 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2078 | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | 4.9370 | 9.5800e-003 | 4.9466 | 1.2118 | 9.5800e-003 | 1.2214 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| 2079 | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | 4.9370 | 9.5800e-003 | 4.9466 | 1.2118 | 9.5800e-003 | 1.2214 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| 2080 | 0.1469 | 0.7296 | 2.0954 | 3.9000e-003 | 2.9518 | 0.0119 | 2.9638 | 0.7245 | 0.0119 | 0.7365 | 0.0000 | 332.6497 | 332.6497 | 0.0117 | 0.0000 | 332.9411 |
| 2081 | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | 0.0210 | 0.0152 | 0.0362 | 5.1500e-003 | 0.0152 | 0.0203 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |
| 2082 | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | 0.0210 | 0.0152 | 0.0362 | 5.1500e-003 | 0.0152 | 0.0203 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |
| 2083 | 18.1441 | 0.1403 | 0.4513 | 7.8000e-004 | 0.7889 | 2.6600e-003 | 0.7915 | 0.1936 | 2.6600e-003 | 0.1963 | 0.0000 | 66.7167 | 66.7167 | 2.2900e-003 | 0.0000 | 66.7739 |
| 2084 | 20.4930 | 0.0945 | 0.2330 | 3.9000e-004 | 0.8889 | 9.7000e-004 | 0.8899 | 0.2182 | 9.7000e-004 | 0.2192 | 0.0000 | 33.1923 | 33.1923 | 1.1700e-003 | 0.0000 | 33.2215 |
| 2085 | 13.3993 | 0.0618 | 0.1524 | 2.5000e-004 | 0.5812 | 6.3000e-004 | 0.5819 | 0.1427 | 6.3000e-004 | 0.1433 | 0.0000 | 21.7027 | 21.7027 | 7.6000e-004 | 0.0000 | 21.7218 |
| Maximum | 20.4930 | 9.4918 | 8.9733 | 0.0658 | 5.8806 | 0.0301 | 5.9107 | 1.5796 | 0.0295 | 1.6083 | 0.0000 | 6,064.880 2 | 6,064.880 2 | 0.2095 | 0.0000 | 6,070.118 0 |

2.1 Overall Construction

Mitigated Construction

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|----------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2040 | 0.0642 | 0.2655 | 2.7566 | 6.2600e-003 | 1.0900 | 8.1900e-003 | 1.0982 | 0.5909 | 8.1800e-003 | 0.5991 | 0.0000 | 539.1587 | 539.1587 | 0.0204 | 0.0000 | 539.6681 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|-------------|--------|------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2041 | 0.0781 | 0.3249 | 3.1067 | 8.1700e-003 | 1.2078 | 0.0100 | 1.2178 | 0.4100 | 0.0100 | 0.4200 | 0.0000 | 657.8931 | 657.8931 | 0.0226 | 0.0000 | 658.4584 |
| 2042 | 0.0866 | 0.3612 | 3.3207 | 9.3400e-003 | 0.9408 | 0.0111 | 0.9519 | 0.2629 | 0.0111 | 0.2740 | 0.0000 | 730.4530 | 730.4530 | 0.0240 | 0.0000 | 731.0525 |
| 2043 | 0.0866 | 0.3612 | 3.3207 | 9.3400e-003 | 0.9408 | 0.0111 | 0.9519 | 0.2629 | 0.0111 | 0.2740 | 0.0000 | 730.4530 | 730.4530 | 0.0240 | 0.0000 | 731.0525 |
| 2044 | 0.1290 | 0.8401 | 3.5913 | 0.0126 | 1.2552 | 0.0119 | 1.2671 | 0.3417 | 0.0118 | 0.3534 | 0.0000 | 1,025.3568 | 1,025.3568 | 0.0345 | 0.0000 | 1,026.2197 |
| 2045 | 0.7420 | 8.5797 | 7.6086 | 0.0653 | 5.8357 | 0.0221 | 5.8578 | 1.5675 | 0.0207 | 1.5882 | 0.0000 | 5,788.2275 | 5,788.2275 | 0.1999 | 0.0000 | 5,793.2260 |
| 2046 | 0.7449 | 8.6127 | 7.6379 | 0.0656 | 5.8582 | 0.0221 | 5.8803 | 1.5735 | 0.0208 | 1.5943 | 0.0000 | 5,810.4899 | 5,810.4899 | 0.2007 | 0.0000 | 5,815.5077 |
| 2047 | 0.7449 | 8.6127 | 7.6379 | 0.0656 | 5.8582 | 0.0221 | 5.8803 | 1.5735 | 0.0208 | 1.5943 | 0.0000 | 5,810.4899 | 5,810.4899 | 0.2007 | 0.0000 | 5,815.5077 |
| 2048 | 0.7477 | 8.6457 | 7.6671 | 0.0658 | 5.8806 | 0.0222 | 5.9028 | 1.5796 | 0.0208 | 1.6004 | 0.0000 | 5,832.7523 | 5,832.7523 | 0.2015 | 0.0000 | 5,837.7893 |
| 2049 | 0.7449 | 8.6127 | 7.6379 | 0.0656 | 5.8582 | 0.0221 | 5.8803 | 1.5735 | 0.0208 | 1.5943 | 0.0000 | 5,810.4899 | 5,810.4899 | 0.2007 | 0.0000 | 5,815.5077 |
| 2050 | 0.7201 | 8.5287 | 7.5117 | 0.0652 | 5.8357 | 0.0214 | 5.8571 | 1.5675 | 0.0201 | 1.5876 | 0.0000 | 5,776.4610 | 5,776.4610 | 0.1949 | 0.0000 | 5,781.3338 |
| 2051 | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | 4.9370 | 1.7300e-003 | 4.9387 | 1.2118 | 1.7300e-003 | 1.2135 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| 2052 | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | 4.9750 | 1.7400e-003 | 4.9767 | 1.2211 | 1.7400e-003 | 1.2229 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |
| 2053 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2054 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2055 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2056 | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | 4.9370 | 1.7300e-003 | 4.9387 | 1.2118 | 1.7300e-003 | 1.2135 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| 2057 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2058 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|--------|----------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2059 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2060 | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | 4.9750 | 1.7400e-003 | 4.9767 | 1.2211 | 1.7400e-003 | 1.2229 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |
| 2061 | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | 4.9370 | 1.7300e-003 | 4.9387 | 1.2118 | 1.7300e-003 | 1.2135 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| 2062 | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | 4.9370 | 1.7300e-003 | 4.9387 | 1.2118 | 1.7300e-003 | 1.2135 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| 2063 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2064 | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | 4.9750 | 1.7400e-003 | 4.9767 | 1.2211 | 1.7400e-003 | 1.2229 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |
| 2065 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2066 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2067 | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | 4.9370 | 1.7300e-003 | 4.9387 | 1.2118 | 1.7300e-003 | 1.2135 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| 2068 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2069 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2070 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2071 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2072 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2073 | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | 4.9370 | 1.7300e-003 | 4.9387 | 1.2118 | 1.7300e-003 | 1.2135 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| 2074 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2075 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2076 | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | 4.9750 | 1.7400e-003 | 4.9767 | 1.2211 | 1.7400e-003 | 1.2229 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2077 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2078 | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | 4.9370 | 1.7300e-003 | 4.9387 | 1.2118 | 1.7300e-003 | 1.2135 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| 2079 | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | 4.9370 | 1.7300e-003 | 4.9387 | 1.2118 | 1.7300e-003 | 1.2135 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| 2080 | 0.0227 | 0.0985 | 1.4018 | 3.9000e-003 | 2.9518 | 3.0300e-003 | 2.9549 | 0.7245 | 3.0300e-003 | 0.7276 | 0.0000 | 195.3220 | 195.3220 | 6.9000e-003 | 0.0000 | 195.4946 |
| 2081 | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | 0.0210 | 4.8800e-003 | 0.0259 | 5.1500e-003 | 4.8800e-003 | 0.0100 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |
| 2082 | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | 0.0210 | 4.8800e-003 | 0.0259 | 5.1500e-003 | 4.8800e-003 | 0.0100 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |
| 2083 | 18.1196 | 0.0188 | 0.2681 | 7.8000e-004 | 0.7889 | 5.8000e-004 | 0.7894 | 0.1936 | 5.8000e-004 | 0.1942 | 0.0000 | 37.3542 | 37.3542 | 1.2600e-003 | 0.0000 | 37.3856 |
| 2084 | 20.4781 | 0.0000 | 0.0000 | 3.9000e-004 | 0.8889 | 0.0000 | 0.8889 | 0.2182 | 0.0000 | 0.2182 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 2085 | 13.3895 | 0.0000 | 0.0000 | 2.5000e-004 | 0.5812 | 0.0000 | 0.5812 | 0.1427 | 0.0000 | 0.1427 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Maximum | 20.4781 | 8.6457 | 7.6671 | 0.0658 | 5.8806 | 0.0222 | 5.9028 | 1.5796 | 0.0208 | 1.6004 | 0.0000 | 5,832.7523 | 5,832.7523 | 0.2015 | 0.0000 | 5,837.7893 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|--------------|--------------|--------------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|-------------|--------------|--------------|--------------|-------------|--------------|
| Percent Reduction | 10.35 | 38.07 | 32.65 | 0.00 | 3.09 | 61.74 | 3.28 | 4.25 | 62.54 | 4.98 | 0.00 | 17.17 | 17.17 | 17.02 | 0.00 | 17.17 |

| Quarter | Start Date | End Date | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|-----------|--|--|
| 1 | 1-2-2040 | 4-1-2040 | 0.3252 | 0.0822 |
| 2 | 4-2-2040 | 7-1-2040 | 0.3251 | 0.0821 |
| 3 | 7-2-2040 | 10-1-2040 | 0.3287 | 0.0830 |
| 4 | 10-2-2040 | 1-1-2041 | 0.3288 | 0.0831 |
| 5 | 1-2-2041 | 4-1-2041 | 0.3217 | 0.0813 |
| 6 | 4-2-2041 | 7-1-2041 | 0.3277 | 0.0967 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

| | | | | |
|----|-----------|-----------|--------|--------|
| 7 | 7-2-2041 | 10-1-2041 | 0.3339 | 0.1128 |
| 8 | 10-2-2041 | 1-1-2042 | 0.3340 | 0.1129 |
| 9 | 1-2-2042 | 4-1-2042 | 0.3267 | 0.1105 |
| 10 | 4-2-2042 | 7-1-2042 | 0.3302 | 0.1116 |
| 11 | 7-2-2042 | 10-1-2042 | 0.3339 | 0.1128 |
| 12 | 10-2-2042 | 1-1-2043 | 0.3340 | 0.1129 |
| 13 | 1-2-2043 | 4-1-2043 | 0.3267 | 0.1105 |
| 14 | 4-2-2043 | 7-1-2043 | 0.3302 | 0.1116 |
| 15 | 7-2-2043 | 10-1-2043 | 0.3339 | 0.1128 |
| 16 | 10-2-2043 | 1-1-2044 | 0.3340 | 0.1129 |
| 17 | 1-2-2044 | 4-1-2044 | 0.3304 | 0.1117 |
| 18 | 4-2-2044 | 7-1-2044 | 0.3302 | 0.1116 |
| 19 | 7-2-2044 | 10-1-2044 | 0.3339 | 0.1128 |
| 20 | 10-2-2044 | 1-1-2045 | 0.9149 | 0.6871 |
| 21 | 1-2-2045 | 4-1-2045 | 2.5597 | 2.3168 |
| 22 | 4-2-2045 | 7-1-2045 | 2.5698 | 2.3242 |
| 23 | 7-2-2045 | 10-1-2045 | 2.5982 | 2.3500 |
| 24 | 10-2-2045 | 1-1-2046 | 2.6168 | 2.3685 |
| 25 | 1-2-2046 | 4-1-2046 | 2.5597 | 2.3168 |
| 26 | 4-2-2046 | 7-1-2046 | 2.5698 | 2.3242 |
| 27 | 7-2-2046 | 10-1-2046 | 2.5982 | 2.3500 |
| 28 | 10-2-2046 | 1-1-2047 | 2.6168 | 2.3685 |
| 29 | 1-2-2047 | 4-1-2047 | 2.5597 | 2.3168 |
| 30 | 4-2-2047 | 7-1-2047 | 2.5698 | 2.3242 |
| 31 | 7-2-2047 | 10-1-2047 | 2.5982 | 2.3500 |
| 32 | 10-2-2047 | 1-1-2048 | 2.6168 | 2.3685 |
| 33 | 1-2-2048 | 4-1-2048 | 2.5881 | 2.3425 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

| | | | | |
|----|-----------|-----------|--------|--------|
| 34 | 4-2-2048 | 7-1-2048 | 2.5698 | 2.3242 |
| 35 | 7-2-2048 | 10-1-2048 | 2.5982 | 2.3500 |
| 36 | 10-2-2048 | 1-1-2049 | 2.6168 | 2.3685 |
| 37 | 1-2-2049 | 4-1-2049 | 2.5597 | 2.3168 |
| 38 | 4-2-2049 | 7-1-2049 | 2.5698 | 2.3242 |
| 39 | 7-2-2049 | 10-1-2049 | 2.5982 | 2.3500 |
| 40 | 10-2-2049 | 1-1-2050 | 2.6165 | 2.3683 |
| 41 | 1-2-2050 | 4-1-2050 | 2.5413 | 2.2984 |
| 42 | 4-2-2050 | 7-1-2050 | 2.5512 | 2.3057 |
| 43 | 7-2-2050 | 10-1-2050 | 2.5795 | 2.3312 |
| 44 | 10-2-2050 | 1-1-2051 | 2.5726 | 2.3244 |
| 45 | 1-2-2051 | 4-1-2051 | 0.2599 | 0.0171 |
| 46 | 4-2-2051 | 7-1-2051 | 0.2628 | 0.0173 |
| 47 | 7-2-2051 | 10-1-2051 | 0.2657 | 0.0175 |
| 48 | 10-2-2051 | 1-1-2052 | 0.2657 | 0.0175 |
| 49 | 1-2-2052 | 4-1-2052 | 0.2628 | 0.0173 |
| 50 | 4-2-2052 | 7-1-2052 | 0.2628 | 0.0173 |
| 51 | 7-2-2052 | 10-1-2052 | 0.2657 | 0.0175 |
| 52 | 10-2-2052 | 1-1-2053 | 0.2657 | 0.0175 |
| 53 | 1-2-2053 | 4-1-2053 | 0.2599 | 0.0171 |
| 54 | 4-2-2053 | 7-1-2053 | 0.2628 | 0.0173 |
| 55 | 7-2-2053 | 10-1-2053 | 0.2657 | 0.0175 |
| 56 | 10-2-2053 | 1-1-2054 | 0.2657 | 0.0175 |
| 57 | 1-2-2054 | 4-1-2054 | 0.2599 | 0.0171 |
| 58 | 4-2-2054 | 7-1-2054 | 0.2628 | 0.0173 |
| 59 | 7-2-2054 | 10-1-2054 | 0.2657 | 0.0175 |
| 60 | 10-2-2054 | 1-1-2055 | 0.2657 | 0.0175 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

| | | | | |
|----|-----------|-----------|--------|--------|
| 61 | 1-2-2055 | 4-1-2055 | 0.2599 | 0.0171 |
| 62 | 4-2-2055 | 7-1-2055 | 0.2628 | 0.0173 |
| 63 | 7-2-2055 | 10-1-2055 | 0.2657 | 0.0175 |
| 64 | 10-2-2055 | 1-1-2056 | 0.2657 | 0.0175 |
| 65 | 1-2-2056 | 4-1-2056 | 0.2628 | 0.0173 |
| 66 | 4-2-2056 | 7-1-2056 | 0.2628 | 0.0173 |
| 67 | 7-2-2056 | 10-1-2056 | 0.2657 | 0.0175 |
| 68 | 10-2-2056 | 1-1-2057 | 0.2657 | 0.0175 |
| 69 | 1-2-2057 | 4-1-2057 | 0.2599 | 0.0171 |
| 70 | 4-2-2057 | 7-1-2057 | 0.2628 | 0.0173 |
| 71 | 7-2-2057 | 10-1-2057 | 0.2657 | 0.0175 |
| 72 | 10-2-2057 | 1-1-2058 | 0.2657 | 0.0175 |
| 73 | 1-2-2058 | 4-1-2058 | 0.2599 | 0.0171 |
| 74 | 4-2-2058 | 7-1-2058 | 0.2628 | 0.0173 |
| 75 | 7-2-2058 | 10-1-2058 | 0.2657 | 0.0175 |
| 76 | 10-2-2058 | 1-1-2059 | 0.2657 | 0.0175 |
| 77 | 1-2-2059 | 4-1-2059 | 0.2599 | 0.0171 |
| 78 | 4-2-2059 | 7-1-2059 | 0.2628 | 0.0173 |
| 79 | 7-2-2059 | 10-1-2059 | 0.2657 | 0.0175 |
| 80 | 10-2-2059 | 1-1-2060 | 0.2657 | 0.0175 |
| 81 | 1-2-2060 | 4-1-2060 | 0.2628 | 0.0173 |
| 82 | 4-2-2060 | 7-1-2060 | 0.2628 | 0.0173 |
| 83 | 7-2-2060 | 10-1-2060 | 0.2657 | 0.0175 |
| 84 | 10-2-2060 | 1-1-2061 | 0.2657 | 0.0175 |
| 85 | 1-2-2061 | 4-1-2061 | 0.2599 | 0.0171 |
| 86 | 4-2-2061 | 7-1-2061 | 0.2628 | 0.0173 |
| 87 | 7-2-2061 | 10-1-2061 | 0.2657 | 0.0175 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

| | | | | |
|-----|-----------|-----------|--------|--------|
| 88 | 10-2-2061 | 1-1-2062 | 0.2657 | 0.0175 |
| 89 | 1-2-2062 | 4-1-2062 | 0.2599 | 0.0171 |
| 90 | 4-2-2062 | 7-1-2062 | 0.2628 | 0.0173 |
| 91 | 7-2-2062 | 10-1-2062 | 0.2657 | 0.0175 |
| 92 | 10-2-2062 | 1-1-2063 | 0.2657 | 0.0175 |
| 93 | 1-2-2063 | 4-1-2063 | 0.2599 | 0.0171 |
| 94 | 4-2-2063 | 7-1-2063 | 0.2628 | 0.0173 |
| 95 | 7-2-2063 | 10-1-2063 | 0.2657 | 0.0175 |
| 96 | 10-2-2063 | 1-1-2064 | 0.2657 | 0.0175 |
| 97 | 1-2-2064 | 4-1-2064 | 0.2628 | 0.0173 |
| 98 | 4-2-2064 | 7-1-2064 | 0.2628 | 0.0173 |
| 99 | 7-2-2064 | 10-1-2064 | 0.2657 | 0.0175 |
| 100 | 10-2-2064 | 1-1-2065 | 0.2657 | 0.0175 |
| 101 | 1-2-2065 | 4-1-2065 | 0.2599 | 0.0171 |
| 102 | 4-2-2065 | 7-1-2065 | 0.2628 | 0.0173 |
| 103 | 7-2-2065 | 10-1-2065 | 0.2657 | 0.0175 |
| 104 | 10-2-2065 | 1-1-2066 | 0.2657 | 0.0175 |
| 105 | 1-2-2066 | 4-1-2066 | 0.2599 | 0.0171 |
| 106 | 4-2-2066 | 7-1-2066 | 0.2628 | 0.0173 |
| 107 | 7-2-2066 | 10-1-2066 | 0.2657 | 0.0175 |
| 108 | 10-2-2066 | 1-1-2067 | 0.2657 | 0.0175 |
| 109 | 1-2-2067 | 4-1-2067 | 0.2599 | 0.0171 |
| 110 | 4-2-2067 | 7-1-2067 | 0.2628 | 0.0173 |
| 111 | 7-2-2067 | 10-1-2067 | 0.2657 | 0.0175 |
| 112 | 10-2-2067 | 1-1-2068 | 0.2657 | 0.0175 |
| 113 | 1-2-2068 | 4-1-2068 | 0.2628 | 0.0173 |
| 114 | 4-2-2068 | 7-1-2068 | 0.2628 | 0.0173 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

| | | | | |
|-----|-----------|-----------|--------|--------|
| 115 | 7-2-2068 | 10-1-2068 | 0.2657 | 0.0175 |
| 116 | 10-2-2068 | 1-1-2069 | 0.2657 | 0.0175 |
| 117 | 1-2-2069 | 4-1-2069 | 0.2599 | 0.0171 |
| 118 | 4-2-2069 | 7-1-2069 | 0.2628 | 0.0173 |
| 119 | 7-2-2069 | 10-1-2069 | 0.2657 | 0.0175 |
| 120 | 10-2-2069 | 1-1-2070 | 0.2657 | 0.0175 |
| 121 | 1-2-2070 | 4-1-2070 | 0.2599 | 0.0171 |
| 122 | 4-2-2070 | 7-1-2070 | 0.2628 | 0.0173 |
| 123 | 7-2-2070 | 10-1-2070 | 0.2657 | 0.0175 |
| 124 | 10-2-2070 | 1-1-2071 | 0.2657 | 0.0175 |
| 125 | 1-2-2071 | 4-1-2071 | 0.2599 | 0.0171 |
| 126 | 4-2-2071 | 7-1-2071 | 0.2628 | 0.0173 |
| 127 | 7-2-2071 | 10-1-2071 | 0.2657 | 0.0175 |
| 128 | 10-2-2071 | 1-1-2072 | 0.2657 | 0.0175 |
| 129 | 1-2-2072 | 4-1-2072 | 0.2628 | 0.0173 |
| 130 | 4-2-2072 | 7-1-2072 | 0.2628 | 0.0173 |
| 131 | 7-2-2072 | 10-1-2072 | 0.2657 | 0.0175 |
| 132 | 10-2-2072 | 1-1-2073 | 0.2657 | 0.0175 |
| 133 | 1-2-2073 | 4-1-2073 | 0.2599 | 0.0171 |
| 134 | 4-2-2073 | 7-1-2073 | 0.2628 | 0.0173 |
| 135 | 7-2-2073 | 10-1-2073 | 0.2657 | 0.0175 |
| 136 | 10-2-2073 | 1-1-2074 | 0.2657 | 0.0175 |
| 137 | 1-2-2074 | 4-1-2074 | 0.2599 | 0.0171 |
| 138 | 4-2-2074 | 7-1-2074 | 0.2628 | 0.0173 |
| 139 | 7-2-2074 | 10-1-2074 | 0.2657 | 0.0175 |
| 140 | 10-2-2074 | 1-1-2075 | 0.2657 | 0.0175 |
| 141 | 1-2-2075 | 4-1-2075 | 0.2599 | 0.0171 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

| | | | | |
|-----|-----------|-----------|--------|--------|
| 142 | 4-2-2075 | 7-1-2075 | 0.2628 | 0.0173 |
| 143 | 7-2-2075 | 10-1-2075 | 0.2657 | 0.0175 |
| 144 | 10-2-2075 | 1-1-2076 | 0.2657 | 0.0175 |
| 145 | 1-2-2076 | 4-1-2076 | 0.2628 | 0.0173 |
| 146 | 4-2-2076 | 7-1-2076 | 0.2628 | 0.0173 |
| 147 | 7-2-2076 | 10-1-2076 | 0.2657 | 0.0175 |
| 148 | 10-2-2076 | 1-1-2077 | 0.2657 | 0.0175 |
| 149 | 1-2-2077 | 4-1-2077 | 0.2599 | 0.0171 |
| 150 | 4-2-2077 | 7-1-2077 | 0.2628 | 0.0173 |
| 151 | 7-2-2077 | 10-1-2077 | 0.2657 | 0.0175 |
| 152 | 10-2-2077 | 1-1-2078 | 0.2657 | 0.0175 |
| 153 | 1-2-2078 | 4-1-2078 | 0.2599 | 0.0171 |
| 154 | 4-2-2078 | 7-1-2078 | 0.2628 | 0.0173 |
| 155 | 7-2-2078 | 10-1-2078 | 0.2657 | 0.0175 |
| 156 | 10-2-2078 | 1-1-2079 | 0.2657 | 0.0175 |
| 157 | 1-2-2079 | 4-1-2079 | 0.2599 | 0.0171 |
| 158 | 4-2-2079 | 7-1-2079 | 0.2628 | 0.0173 |
| 159 | 7-2-2079 | 10-1-2079 | 0.2657 | 0.0175 |
| 160 | 10-2-2079 | 1-1-2080 | 0.2657 | 0.0175 |
| 161 | 1-2-2080 | 4-1-2080 | 0.2628 | 0.0173 |
| 162 | 4-2-2080 | 7-1-2080 | 0.2628 | 0.0173 |
| 163 | 7-2-2080 | 10-1-2080 | 0.1925 | 0.0381 |
| 164 | 10-2-2080 | 1-1-2081 | 0.1534 | 0.0491 |
| 165 | 1-2-2081 | 4-1-2081 | 0.1500 | 0.0481 |
| 166 | 4-2-2081 | 7-1-2081 | 0.1517 | 0.0486 |
| 167 | 7-2-2081 | 10-1-2081 | 0.1534 | 0.0491 |
| 168 | 10-2-2081 | 1-1-2082 | 0.1534 | 0.0491 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

| | | | | |
|-----|-----------|-----------|--------|--------|
| 169 | 1-2-2082 | 4-1-2082 | 0.1500 | 0.0481 |
| 170 | 4-2-2082 | 7-1-2082 | 0.1517 | 0.0486 |
| 171 | 7-2-2082 | 10-1-2082 | 0.1534 | 0.0491 |
| 172 | 10-2-2082 | 1-1-2083 | 0.1534 | 0.0491 |
| 173 | 1-2-2083 | 4-1-2083 | 2.7849 | 2.7228 |
| 174 | 4-2-2083 | 7-1-2083 | 5.1469 | 5.1195 |
| 175 | 7-2-2083 | 10-1-2083 | 5.2034 | 5.1758 |
| 176 | 10-2-2083 | 1-1-2084 | 5.2034 | 5.1758 |
| 177 | 1-2-2084 | 4-1-2084 | 5.1469 | 5.1195 |
| 178 | 4-2-2084 | 7-1-2084 | 5.1469 | 5.1195 |
| 179 | 7-2-2084 | 10-1-2084 | 5.2034 | 5.1758 |
| 180 | 10-2-2084 | 1-1-2085 | 5.2034 | 5.1758 |
| 181 | 1-2-2085 | 4-1-2085 | 5.0903 | 5.0633 |
| 182 | 4-2-2085 | 7-1-2085 | 5.1469 | 5.1195 |
| 183 | 7-2-2085 | 9-30-2085 | 3.0542 | 3.0380 |
| | | Highest | 5.2034 | 5.1758 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

2.2 Overall Operational

Unmitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|-----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|--------------------|--------------------|----------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 41.8050 | 3.5197 | 144.0417 | 0.3938 | | 19.4568 | 19.4568 | | 19.4568 | 19.4568 | 2,571.9803 | 1,549.8011 | 4,121.7815 | 12.0926 | 0.0276 | 4,432.3337 |
| Energy | 0.4729 | 4.0770 | 1.9812 | 0.0258 | | 0.3267 | 0.3267 | | 0.3267 | 0.3267 | 0.0000 | 9,585.1291 | 9,585.1291 | 0.5223 | 0.1753 | 9,650.4292 |
| Mobile | 5.5287 | 64.0971 | 63.2594 | 0.4721 | 41.3958 | 0.1620 | 41.5578 | 11.0965 | 0.1516 | 11.2481 | 0.0000 | 43,936.0514 | 43,936.0514 | 2.1351 | 0.0000 | 43,989.4281 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 748.5677 | 0.0000 | 748.5677 | 44.2391 | 0.0000 | 1,854.5449 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 95.8667 | 375.4405 | 471.3072 | 9.8795 | 0.2394 | 789.6210 |
| Total | 47.8066 | 71.6937 | 209.2823 | 0.8917 | 41.3958 | 19.9455 | 61.3413 | 11.0965 | 19.9351 | 31.0316 | 3,416.4148 | 55,446.4221 | 58,862.8369 | 68.8687 | 0.4423 | 60,716.3568 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

2.2 Overall Operational

Mitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|-----------------|--------------------|--------------------|----------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 28.8395 | 1.5988 | 26.2958 | 9.6700e-003 | | 0.2486 | 0.2486 | | 0.2486 | 0.2486 | 0.0000 | 1,549.8011 | 1,549.8011 | 0.0692 | 0.0276 | 1,559.7662 |
| Energy | 0.3947 | 3.4024 | 1.6537 | 0.0215 | | 0.2727 | 0.2727 | | 0.2727 | 0.2727 | 0.0000 | 7,147.7901 | 7,147.7901 | 0.3608 | 0.1308 | 7,195.7787 |
| Mobile | 5.2462 | 62.4532 | 58.6265 | 0.4374 | 37.8587 | 0.1492 | 38.0079 | 10.1484 | 0.1396 | 10.2880 | 0.0000 | 40,723.5584 | 40,723.5584 | 2.0755 | 0.0000 | 40,775.4459 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 561.4258 | 0.0000 | 561.4258 | 33.1793 | 0.0000 | 1,390.9087 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 76.6934 | 300.3524 | 377.0457 | 7.9036 | 0.1915 | 631.6968 |
| Total | 34.4804 | 67.4544 | 86.5760 | 0.4686 | 37.8587 | 0.6705 | 38.5292 | 10.1484 | 0.6609 | 10.8093 | 638.1192 | 49,721.5020 | 50,359.6211 | 43.5884 | 0.3499 | 51,553.5963 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|--------------|-------------|--------------|--------------|---------------|--------------|--------------|----------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Percent Reduction | 27.88 | 5.91 | 58.63 | 47.44 | 8.54 | 96.64 | 37.19 | 8.54 | 96.68 | 65.17 | 81.32 | 10.33 | 14.45 | 36.71 | 20.89 | 15.09 |

3.0 Construction Detail

Construction Phase

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|-----------|---------------|----------|-------------------|
| 1 | Site Preparation | Site Preparation | 1/2/2040 | 5/17/2041 | 5 | 360 | |
| 2 | Grading | Grading | 5/18/2041 | 12/9/2044 | 5 | 930 | |
| 3 | Building Construction | Building Construction | 12/10/2044 | 8/2/2080 | 5 | 9300 | |
| 4 | Paving | Paving | 8/3/2080 | 2/12/2083 | 5 | 660 | |
| 5 | Architectural Coating | Architectural Coating | 2/13/2083 | 8/24/2085 | 5 | 660 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 2325

Acres of Paving: 0

Residential Indoor: 9,634,140; Residential Outdoor: 3,211,380; Non-Residential Indoor: 1,581,124; Non-Residential Outdoor: 527,041; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Site Preparation | Rubber Tired Dozers | 3 | 8.00 | 247 | 0.40 |
| Site Preparation | Tractors/Loaders/Backhoes | 4 | 8.00 | 97 | 0.37 |
| Grading | Excavators | 2 | 8.00 | 158 | 0.38 |
| Grading | Graders | 1 | 8.00 | 187 | 0.41 |
| Grading | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Grading | Scrapers | 2 | 8.00 | 367 | 0.48 |
| Grading | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Building Construction | Cranes | 1 | 7.00 | 231 | 0.29 |
| Building Construction | Forklifts | 3 | 8.00 | 89 | 0.20 |
| Building Construction | Generator Sets | 1 | 8.00 | 84 | 0.74 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97 | 0.37 |
| Building Construction | Welders | 1 | 8.00 | 46 | 0.45 |
| Paving | Pavers | 2 | 8.00 | 130 | 0.42 |
| Paving | Paving Equipment | 2 | 8.00 | 132 | 0.36 |
| Paving | Rollers | 2 | 8.00 | 80 | 0.38 |
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 3,189.00 | 902.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 638.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.1 Mitigation Measures Construction

- Use Alternative Fuel for Construction Equipment
- Use Cleaner Engines for Construction Equipment
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2040

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3577 | 0.0000 | 2.3577 | 1.2960 | 0.0000 | 1.2960 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.2565 | 1.0433 | 2.0593 | 6.0800e-003 | | 0.0264 | 0.0264 | | 0.0264 | 0.0264 | 0.0000 | 522.0602 | 522.0602 | 0.0202 | 0.0000 | 522.5654 |
| Total | 0.2565 | 1.0433 | 2.0593 | 6.0800e-003 | 2.3577 | 0.0264 | 2.3841 | 1.2960 | 0.0264 | 1.3224 | 0.0000 | 522.0602 | 522.0602 | 0.0202 | 0.0000 | 522.5654 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.2 Site Preparation - 2040

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.4500e-003 | 2.1700e-003 | 0.0332 | 1.9000e-004 | 0.0291 | 8.0000e-005 | 0.0292 | 7.7300e-003 | 8.0000e-005 | 7.8100e-003 | 0.0000 | 17.0992 | 17.0992 | 1.6000e-004 | 0.0000 | 17.1032 |
| Total | 3.4500e-003 | 2.1700e-003 | 0.0332 | 1.9000e-004 | 0.0291 | 8.0000e-005 | 0.0292 | 7.7300e-003 | 8.0000e-005 | 7.8100e-003 | 0.0000 | 17.0992 | 17.0992 | 1.6000e-004 | 0.0000 | 17.1032 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0609 | 0.0000 | 1.0609 | 0.5832 | 0.0000 | 0.5832 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0608 | 0.2633 | 2.7234 | 6.0800e-003 | | 8.1000e-003 | 8.1000e-003 | | 8.1000e-003 | 8.1000e-003 | 0.0000 | 522.0596 | 522.0596 | 0.0202 | 0.0000 | 522.5648 |
| Total | 0.0608 | 0.2633 | 2.7234 | 6.0800e-003 | 1.0609 | 8.1000e-003 | 1.0690 | 0.5832 | 8.1000e-003 | 0.5913 | 0.0000 | 522.0596 | 522.0596 | 0.0202 | 0.0000 | 522.5648 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.2 Site Preparation - 2040

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.4500e-003 | 2.1700e-003 | 0.0332 | 1.9000e-004 | 0.0291 | 8.0000e-005 | 0.0292 | 7.7300e-003 | 8.0000e-005 | 7.8100e-003 | 0.0000 | 17.0992 | 17.0992 | 1.6000e-004 | 0.0000 | 17.1032 |
| Total | 3.4500e-003 | 2.1700e-003 | 0.0332 | 1.9000e-004 | 0.0291 | 8.0000e-005 | 0.0292 | 7.7300e-003 | 8.0000e-005 | 7.8100e-003 | 0.0000 | 17.0992 | 17.0992 | 1.6000e-004 | 0.0000 | 17.1032 |

3.2 Site Preparation - 2041

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.8943 | 0.0000 | 0.8943 | 0.4916 | 0.0000 | 0.4916 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0973 | 0.3957 | 0.7811 | 2.3000e-003 | | 0.0100 | 0.0100 | | 0.0100 | 0.0100 | 0.0000 | 198.0228 | 198.0228 | 7.6700e-003 | 0.0000 | 198.2145 |
| Total | 0.0973 | 0.3957 | 0.7811 | 2.3000e-003 | 0.8943 | 0.0100 | 0.9043 | 0.4916 | 0.0100 | 0.5016 | 0.0000 | 198.0228 | 198.0228 | 7.6700e-003 | 0.0000 | 198.2145 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.2 Site Preparation - 2041

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 1.3100e-003 | 8.2000e-004 | 0.0126 | 7.0000e-005 | 0.0110 | 3.0000e-005 | 0.0111 | 2.9300e-003 | 3.0000e-005 | 2.9600e-003 | 0.0000 | 6.4859 | 6.4859 | 6.0000e-005 | 0.0000 | 6.4874 |
| Total | 1.3100e-003 | 8.2000e-004 | 0.0126 | 7.0000e-005 | 0.0110 | 3.0000e-005 | 0.0111 | 2.9300e-003 | 3.0000e-005 | 2.9600e-003 | 0.0000 | 6.4859 | 6.4859 | 6.0000e-005 | 0.0000 | 6.4874 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.4024 | 0.0000 | 0.4024 | 0.2212 | 0.0000 | 0.2212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0231 | 0.0999 | 1.0330 | 2.3000e-003 | | 3.0700e-003 | 3.0700e-003 | | 3.0700e-003 | 3.0700e-003 | 0.0000 | 198.0226 | 198.0226 | 7.6700e-003 | 0.0000 | 198.2142 |
| Total | 0.0231 | 0.0999 | 1.0330 | 2.3000e-003 | 0.4024 | 3.0700e-003 | 0.4055 | 0.2212 | 3.0700e-003 | 0.2243 | 0.0000 | 198.0226 | 198.0226 | 7.6700e-003 | 0.0000 | 198.2142 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.2 Site Preparation - 2041

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 1.3100e-003 | 8.2000e-004 | 0.0126 | 7.0000e-005 | 0.0110 | 3.0000e-005 | 0.0111 | 2.9300e-003 | 3.0000e-005 | 2.9600e-003 | 0.0000 | 6.4859 | 6.4859 | 6.0000e-005 | 0.0000 | 6.4874 |
| Total | 1.3100e-003 | 8.2000e-004 | 0.0126 | 7.0000e-005 | 0.0110 | 3.0000e-005 | 0.0111 | 2.9300e-003 | 3.0000e-005 | 2.9600e-003 | 0.0000 | 6.4859 | 6.4859 | 6.0000e-005 | 0.0000 | 6.4874 |

3.3 Grading - 2041

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.7206 | 0.0000 | 1.7206 | 0.4013 | 0.0000 | 0.4013 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.2207 | 0.5985 | 1.8073 | 5.6700e-003 | | 0.0182 | 0.0182 | | 0.0182 | 0.0182 | 0.0000 | 530.0334 | 530.0334 | 0.0174 | 0.0000 | 530.4688 |
| Total | 0.2207 | 0.5985 | 1.8073 | 5.6700e-003 | 1.7206 | 0.0182 | 1.7389 | 0.4013 | 0.0182 | 0.4195 | 0.0000 | 530.0334 | 530.0334 | 0.0174 | 0.0000 | 530.4688 |

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3.3 Grading - 2041

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.3800e-003 | 1.5000e-003 | 0.0229 | 1.3000e-004 | 0.0201 | 6.0000e-005 | 0.0201 | 5.3300e-003 | 5.0000e-005 | 5.3900e-003 | 0.0000 | 11.7925 | 11.7925 | 1.1000e-004 | 0.0000 | 11.7953 |
| Total | 2.3800e-003 | 1.5000e-003 | 0.0229 | 1.3000e-004 | 0.0201 | 6.0000e-005 | 0.0201 | 5.3300e-003 | 5.0000e-005 | 5.3900e-003 | 0.0000 | 11.7925 | 11.7925 | 1.1000e-004 | 0.0000 | 11.7953 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.7743 | 0.0000 | 0.7743 | 0.1806 | 0.0000 | 0.1806 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0514 | 0.2227 | 2.0382 | 5.6700e-003 | | 6.8500e-003 | 6.8500e-003 | | 6.8500e-003 | 6.8500e-003 | 0.0000 | 441.5921 | 441.5921 | 0.0148 | 0.0000 | 441.9614 |
| Total | 0.0514 | 0.2227 | 2.0382 | 5.6700e-003 | 0.7743 | 6.8500e-003 | 0.7811 | 0.1806 | 6.8500e-003 | 0.1874 | 0.0000 | 441.5921 | 441.5921 | 0.0148 | 0.0000 | 441.9614 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.3 Grading - 2041

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.3800e-003 | 1.5000e-003 | 0.0229 | 1.3000e-004 | 0.0201 | 6.0000e-005 | 0.0201 | 5.3300e-003 | 5.0000e-005 | 5.3900e-003 | 0.0000 | 11.7925 | 11.7925 | 1.1000e-004 | 0.0000 | 11.7953 |
| Total | 2.3800e-003 | 1.5000e-003 | 0.0229 | 1.3000e-004 | 0.0201 | 6.0000e-005 | 0.0201 | 5.3300e-003 | 5.0000e-005 | 5.3900e-003 | 0.0000 | 11.7925 | 11.7925 | 1.1000e-004 | 0.0000 | 11.7953 |

3.3 Grading - 2042

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.0187 | 0.0000 | 2.0187 | 0.5651 | 0.0000 | 0.5651 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3555 | 0.9642 | 2.9117 | 9.1300e-003 | | 0.0294 | 0.0294 | | 0.0294 | 0.0294 | 0.0000 | 853.9427 | 853.9427 | 0.0281 | 0.0000 | 854.6442 |
| Total | 0.3555 | 0.9642 | 2.9117 | 9.1300e-003 | 2.0187 | 0.0294 | 2.0481 | 0.5651 | 0.0294 | 0.5945 | 0.0000 | 853.9427 | 853.9427 | 0.0281 | 0.0000 | 854.6442 |

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3.3 Grading - 2042

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.8300e-003 | 2.4100e-003 | 0.0369 | 2.1000e-004 | 0.0323 | 9.0000e-005 | 0.0324 | 8.5900e-003 | 9.0000e-005 | 8.6800e-003 | 0.0000 | 18.9991 | 18.9991 | 1.8000e-004 | 0.0000 | 19.0036 |
| Total | 3.8300e-003 | 2.4100e-003 | 0.0369 | 2.1000e-004 | 0.0323 | 9.0000e-005 | 0.0324 | 8.5900e-003 | 9.0000e-005 | 8.6800e-003 | 0.0000 | 18.9991 | 18.9991 | 1.8000e-004 | 0.0000 | 19.0036 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.9084 | 0.0000 | 0.9084 | 0.2543 | 0.0000 | 0.2543 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0828 | 0.3588 | 3.2838 | 9.1300e-003 | | 0.0110 | 0.0110 | | 0.0110 | 0.0110 | 0.0000 | 711.4539 | 711.4539 | 0.0238 | 0.0000 | 712.0489 |
| Total | 0.0828 | 0.3588 | 3.2838 | 9.1300e-003 | 0.9084 | 0.0110 | 0.9195 | 0.2543 | 0.0110 | 0.2653 | 0.0000 | 711.4539 | 711.4539 | 0.0238 | 0.0000 | 712.0489 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.3 Grading - 2042

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.8300e-003 | 2.4100e-003 | 0.0369 | 2.1000e-004 | 0.0323 | 9.0000e-005 | 0.0324 | 8.5900e-003 | 9.0000e-005 | 8.6800e-003 | 0.0000 | 18.9991 | 18.9991 | 1.8000e-004 | 0.0000 | 19.0036 |
| Total | 3.8300e-003 | 2.4100e-003 | 0.0369 | 2.1000e-004 | 0.0323 | 9.0000e-005 | 0.0324 | 8.5900e-003 | 9.0000e-005 | 8.6800e-003 | 0.0000 | 18.9991 | 18.9991 | 1.8000e-004 | 0.0000 | 19.0036 |

3.3 Grading - 2043

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.0187 | 0.0000 | 2.0187 | 0.5651 | 0.0000 | 0.5651 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3555 | 0.9642 | 2.9117 | 9.1300e-003 | | 0.0294 | 0.0294 | | 0.0294 | 0.0294 | 0.0000 | 853.9427 | 853.9427 | 0.0281 | 0.0000 | 854.6442 |
| Total | 0.3555 | 0.9642 | 2.9117 | 9.1300e-003 | 2.0187 | 0.0294 | 2.0481 | 0.5651 | 0.0294 | 0.5945 | 0.0000 | 853.9427 | 853.9427 | 0.0281 | 0.0000 | 854.6442 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.3 Grading - 2043

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.8300e-003 | 2.4100e-003 | 0.0369 | 2.1000e-004 | 0.0323 | 9.0000e-005 | 0.0324 | 8.5900e-003 | 9.0000e-005 | 8.6800e-003 | 0.0000 | 18.9991 | 18.9991 | 1.8000e-004 | 0.0000 | 19.0036 |
| Total | 3.8300e-003 | 2.4100e-003 | 0.0369 | 2.1000e-004 | 0.0323 | 9.0000e-005 | 0.0324 | 8.5900e-003 | 9.0000e-005 | 8.6800e-003 | 0.0000 | 18.9991 | 18.9991 | 1.8000e-004 | 0.0000 | 19.0036 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.9084 | 0.0000 | 0.9084 | 0.2543 | 0.0000 | 0.2543 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0828 | 0.3588 | 3.2838 | 9.1300e-003 | | 0.0110 | 0.0110 | | 0.0110 | 0.0110 | 0.0000 | 711.4539 | 711.4539 | 0.0238 | 0.0000 | 712.0489 |
| Total | 0.0828 | 0.3588 | 3.2838 | 9.1300e-003 | 0.9084 | 0.0110 | 0.9195 | 0.2543 | 0.0110 | 0.2653 | 0.0000 | 711.4539 | 711.4539 | 0.0238 | 0.0000 | 712.0489 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.3 Grading - 2043

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.8300e-003 | 2.4100e-003 | 0.0369 | 2.1000e-004 | 0.0323 | 9.0000e-005 | 0.0324 | 8.5900e-003 | 9.0000e-005 | 8.6800e-003 | 0.0000 | 18.9991 | 18.9991 | 1.8000e-004 | 0.0000 | 19.0036 |
| Total | 3.8300e-003 | 2.4100e-003 | 0.0369 | 2.1000e-004 | 0.0323 | 9.0000e-005 | 0.0324 | 8.5900e-003 | 9.0000e-005 | 8.6800e-003 | 0.0000 | 18.9991 | 18.9991 | 1.8000e-004 | 0.0000 | 19.0036 |

3.3 Grading - 2044

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.9736 | 0.0000 | 1.9736 | 0.5403 | 0.0000 | 0.5403 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3351 | 0.9088 | 2.7444 | 8.6000e-003 | | 0.0277 | 0.0277 | | 0.0277 | 0.0277 | 0.0000 | 804.8655 | 804.8655 | 0.0265 | 0.0000 | 805.5267 |
| Total | 0.3351 | 0.9088 | 2.7444 | 8.6000e-003 | 1.9736 | 0.0277 | 2.0012 | 0.5403 | 0.0277 | 0.5680 | 0.0000 | 804.8655 | 804.8655 | 0.0265 | 0.0000 | 805.5267 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.3 Grading - 2044

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.6100e-003 | 2.2700e-003 | 0.0348 | 2.0000e-004 | 0.0305 | 9.0000e-005 | 0.0306 | 8.1000e-003 | 8.0000e-005 | 8.1800e-003 | 0.0000 | 17.9072 | 17.9072 | 1.7000e-004 | 0.0000 | 17.9114 |
| Total | 3.6100e-003 | 2.2700e-003 | 0.0348 | 2.0000e-004 | 0.0305 | 9.0000e-005 | 0.0306 | 8.1000e-003 | 8.0000e-005 | 8.1800e-003 | 0.0000 | 17.9072 | 17.9072 | 1.7000e-004 | 0.0000 | 17.9114 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.8881 | 0.0000 | 0.8881 | 0.2431 | 0.0000 | 0.2431 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0780 | 0.3382 | 3.0951 | 8.6000e-003 | | 0.0104 | 0.0104 | | 0.0104 | 0.0104 | 0.0000 | 670.5657 | 670.5657 | 0.0224 | 0.0000 | 671.1265 |
| Total | 0.0780 | 0.3382 | 3.0951 | 8.6000e-003 | 0.8881 | 0.0104 | 0.8985 | 0.2431 | 0.0104 | 0.2535 | 0.0000 | 670.5657 | 670.5657 | 0.0224 | 0.0000 | 671.1265 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.3 Grading - 2044

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.6100e-003 | 2.2700e-003 | 0.0348 | 2.0000e-004 | 0.0305 | 9.0000e-005 | 0.0306 | 8.1000e-003 | 8.0000e-005 | 8.1800e-003 | 0.0000 | 17.9072 | 17.9072 | 1.7000e-004 | 0.0000 | 17.9114 |
| Total | 3.6100e-003 | 2.2700e-003 | 0.0348 | 2.0000e-004 | 0.0305 | 9.0000e-005 | 0.0306 | 8.1000e-003 | 8.0000e-005 | 8.1800e-003 | 0.0000 | 17.9072 | 17.9072 | 1.7000e-004 | 0.0000 | 17.9114 |

3.4 Building Construction - 2044

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 8.9800e-003 | 0.0517 | 0.1209 | 2.3000e-004 | | 5.5000e-004 | 5.5000e-004 | | 5.5000e-004 | 5.5000e-004 | 0.0000 | 19.7146 | 19.7146 | 7.1000e-004 | 0.0000 | 19.7323 |
| Total | 8.9800e-003 | 0.0517 | 0.1209 | 2.3000e-004 | | 5.5000e-004 | 5.5000e-004 | | 5.5000e-004 | 5.5000e-004 | 0.0000 | 19.7146 | 19.7146 | 7.1000e-004 | 0.0000 | 19.7323 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2044

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0115 | 0.4744 | 0.0772 | 1.6500e-003 | 0.0405 | 4.2000e-004 | 0.0409 | 0.0117 | 4.0000e-004 | 0.0121 | 0.0000 | 156.3555 | 156.3555 | 0.0100 | 0.0000 | 156.6058 |
| Worker | 0.0351 | 0.0221 | 0.3382 | 1.9200e-003 | 0.2962 | 8.6000e-004 | 0.2971 | 0.0787 | 7.9000e-004 | 0.0795 | 0.0000 | 174.1036 | 174.1036 | 1.6600e-003 | 0.0000 | 174.1450 |
| Total | 0.0466 | 0.4965 | 0.4154 | 3.5700e-003 | 0.3367 | 1.2800e-003 | 0.3380 | 0.0904 | 1.1900e-003 | 0.0916 | 0.0000 | 330.4591 | 330.4591 | 0.0117 | 0.0000 | 330.7508 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 7.5000e-004 | 3.2400e-003 | 0.0461 | 2.3000e-004 | | 1.0000e-004 | 1.0000e-004 | | 1.0000e-004 | 1.0000e-004 | 0.0000 | 6.4248 | 6.4248 | 2.5000e-004 | 0.0000 | 6.4310 |
| Total | 7.5000e-004 | 3.2400e-003 | 0.0461 | 2.3000e-004 | | 1.0000e-004 | 1.0000e-004 | | 1.0000e-004 | 1.0000e-004 | 0.0000 | 6.4248 | 6.4248 | 2.5000e-004 | 0.0000 | 6.4310 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2044

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0115 | 0.4744 | 0.0772 | 1.6500e-003 | 0.0405 | 4.2000e-004 | 0.0409 | 0.0117 | 4.0000e-004 | 0.0121 | 0.0000 | 156.3555 | 156.3555 | 0.0100 | 0.0000 | 156.6058 |
| Worker | 0.0351 | 0.0221 | 0.3382 | 1.9200e-003 | 0.2962 | 8.6000e-004 | 0.2971 | 0.0787 | 7.9000e-004 | 0.0795 | 0.0000 | 174.1036 | 174.1036 | 1.6600e-003 | 0.0000 | 174.1450 |
| Total | 0.0466 | 0.4965 | 0.4154 | 3.5700e-003 | 0.3367 | 1.2800e-003 | 0.3380 | 0.0904 | 1.1900e-003 | 0.0916 | 0.0000 | 330.4591 | 330.4591 | 0.0117 | 0.0000 | 330.7508 |

3.4 Building Construction - 2045

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2045

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1992 | 8.1672 | 1.3339 | 0.0286 | 0.7012 | 7.3000e-003 | 0.7085 | 0.2027 | 6.9800e-003 | 0.2097 | 0.0000 | 2,709.3452 | 2,709.3452 | 0.1694 | 0.0000 | 2,713.5809 |
| Worker | 0.5299 | 0.3564 | 5.4755 | 0.0327 | 5.1345 | 0.0130 | 5.1475 | 1.3648 | 0.0120 | 1.3768 | 0.0000 | 2,967.5188 | 2,967.5188 | 0.0262 | 0.0000 | 2,968.1740 |
| Total | 0.7290 | 8.5236 | 6.8094 | 0.0613 | 5.8357 | 0.0203 | 5.8560 | 1.5675 | 0.0190 | 1.5865 | 0.0000 | 5,676.8641 | 5,676.8641 | 0.1956 | 0.0000 | 5,681.7549 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2045

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1992 | 8.1672 | 1.3339 | 0.0286 | 0.7012 | 7.3000e-003 | 0.7085 | 0.2027 | 6.9800e-003 | 0.2097 | 0.0000 | 2,709.3452 | 2,709.3452 | 0.1694 | 0.0000 | 2,713.5809 |
| Worker | 0.5299 | 0.3564 | 5.4755 | 0.0327 | 5.1345 | 0.0130 | 5.1475 | 1.3648 | 0.0120 | 1.3768 | 0.0000 | 2,967.5188 | 2,967.5188 | 0.0262 | 0.0000 | 2,968.1740 |
| Total | 0.7290 | 8.5236 | 6.8094 | 0.0613 | 5.8357 | 0.0203 | 5.8560 | 1.5675 | 0.0190 | 1.5865 | 0.0000 | 5,676.8641 | 5,676.8641 | 0.1956 | 0.0000 | 5,681.7549 |

3.4 Building Construction - 2046

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2046

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1999 | 8.1986 | 1.3391 | 0.0287 | 0.7039 | 7.3300e-003 | 0.7113 | 0.2035 | 7.0000e-003 | 0.2105 | 0.0000 | 2,719.7658 | 2,719.7658 | 0.1701 | 0.0000 | 2,724.0177 |
| Worker | 0.5319 | 0.3577 | 5.4965 | 0.0329 | 5.1542 | 0.0131 | 5.1673 | 1.3700 | 0.0120 | 1.3821 | 0.0000 | 2,978.9323 | 2,978.9323 | 0.0263 | 0.0000 | 2,979.5901 |
| Total | 0.7318 | 8.5563 | 6.8356 | 0.0615 | 5.8582 | 0.0204 | 5.8786 | 1.5735 | 0.0190 | 1.5926 | 0.0000 | 5,698.6981 | 5,698.6981 | 0.1964 | 0.0000 | 5,703.6078 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2046

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1999 | 8.1986 | 1.3391 | 0.0287 | 0.7039 | 7.3300e-003 | 0.7113 | 0.2035 | 7.0000e-003 | 0.2105 | 0.0000 | 2,719.7658 | 2,719.7658 | 0.1701 | 0.0000 | 2,724.0177 |
| Worker | 0.5319 | 0.3577 | 5.4965 | 0.0329 | 5.1542 | 0.0131 | 5.1673 | 1.3700 | 0.0120 | 1.3821 | 0.0000 | 2,978.9323 | 2,978.9323 | 0.0263 | 0.0000 | 2,979.5901 |
| Total | 0.7318 | 8.5563 | 6.8356 | 0.0615 | 5.8582 | 0.0204 | 5.8786 | 1.5735 | 0.0190 | 1.5926 | 0.0000 | 5,698.6981 | 5,698.6981 | 0.1964 | 0.0000 | 5,703.6078 |

3.4 Building Construction - 2047

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2047

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1999 | 8.1986 | 1.3391 | 0.0287 | 0.7039 | 7.3300e-003 | 0.7113 | 0.2035 | 7.0000e-003 | 0.2105 | 0.0000 | 2,719.7658 | 2,719.7658 | 0.1701 | 0.0000 | 2,724.0177 |
| Worker | 0.5319 | 0.3577 | 5.4965 | 0.0329 | 5.1542 | 0.0131 | 5.1673 | 1.3700 | 0.0120 | 1.3821 | 0.0000 | 2,978.9323 | 2,978.9323 | 0.0263 | 0.0000 | 2,979.5901 |
| Total | 0.7318 | 8.5563 | 6.8356 | 0.0615 | 5.8582 | 0.0204 | 5.8786 | 1.5735 | 0.0190 | 1.5926 | 0.0000 | 5,698.6981 | 5,698.6981 | 0.1964 | 0.0000 | 5,703.6078 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2047

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1999 | 8.1986 | 1.3391 | 0.0287 | 0.7039 | 7.3300e-003 | 0.7113 | 0.2035 | 7.0000e-003 | 0.2105 | 0.0000 | 2,719.7658 | 2,719.7658 | 0.1701 | 0.0000 | 2,724.0177 |
| Worker | 0.5319 | 0.3577 | 5.4965 | 0.0329 | 5.1542 | 0.0131 | 5.1673 | 1.3700 | 0.0120 | 1.3821 | 0.0000 | 2,978.9323 | 2,978.9323 | 0.0263 | 0.0000 | 2,979.5901 |
| Total | 0.7318 | 8.5563 | 6.8356 | 0.0615 | 5.8582 | 0.0204 | 5.8786 | 1.5735 | 0.0190 | 1.5926 | 0.0000 | 5,698.6981 | 5,698.6981 | 0.1964 | 0.0000 | 5,703.6078 |

3.4 Building Construction - 2048

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |
| Total | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2048

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2007 | 8.2300 | 1.3442 | 0.0288 | 0.7066 | 7.3600e-003 | 0.7140 | 0.2043 | 7.0300e-003 | 0.2113 | 0.0000 | 2,730.1864 | 2,730.1864 | 0.1707 | 0.0000 | 2,734.4546 |
| Worker | 0.5340 | 0.3591 | 5.5176 | 0.0330 | 5.1740 | 0.0131 | 5.1871 | 1.3753 | 0.0121 | 1.3874 | 0.0000 | 2,990.3459 | 2,990.3459 | 0.0264 | 0.0000 | 2,991.0061 |
| Total | 0.7347 | 8.5891 | 6.8618 | 0.0618 | 5.8806 | 0.0205 | 5.9011 | 1.5796 | 0.0191 | 1.5987 | 0.0000 | 5,720.5322 | 5,720.5322 | 0.1971 | 0.0000 | 5,725.4607 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |
| Total | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2048

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2007 | 8.2300 | 1.3442 | 0.0288 | 0.7066 | 7.3600e-003 | 0.7140 | 0.2043 | 7.0300e-003 | 0.2113 | 0.0000 | 2,730.1864 | 2,730.1864 | 0.1707 | 0.0000 | 2,734.4546 |
| Worker | 0.5340 | 0.3591 | 5.5176 | 0.0330 | 5.1740 | 0.0131 | 5.1871 | 1.3753 | 0.0121 | 1.3874 | 0.0000 | 2,990.3459 | 2,990.3459 | 0.0264 | 0.0000 | 2,991.0061 |
| Total | 0.7347 | 8.5891 | 6.8618 | 0.0618 | 5.8806 | 0.0205 | 5.9011 | 1.5796 | 0.0191 | 1.5987 | 0.0000 | 5,720.5322 | 5,720.5322 | 0.1971 | 0.0000 | 5,725.4607 |

3.4 Building Construction - 2049

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2049

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1999 | 8.1986 | 1.3391 | 0.0287 | 0.7039 | 7.3300e-003 | 0.7113 | 0.2035 | 7.0000e-003 | 0.2105 | 0.0000 | 2,719.7658 | 2,719.7658 | 0.1701 | 0.0000 | 2,724.0177 |
| Worker | 0.5319 | 0.3577 | 5.4965 | 0.0329 | 5.1542 | 0.0131 | 5.1673 | 1.3700 | 0.0120 | 1.3821 | 0.0000 | 2,978.9323 | 2,978.9323 | 0.0263 | 0.0000 | 2,979.5901 |
| Total | 0.7318 | 8.5563 | 6.8356 | 0.0615 | 5.8582 | 0.0204 | 5.8786 | 1.5735 | 0.0190 | 1.5926 | 0.0000 | 5,698.6981 | 5,698.6981 | 0.1964 | 0.0000 | 5,703.6078 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2049

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1999 | 8.1986 | 1.3391 | 0.0287 | 0.7039 | 7.3300e-003 | 0.7113 | 0.2035 | 7.0000e-003 | 0.2105 | 0.0000 | 2,719.7658 | 2,719.7658 | 0.1701 | 0.0000 | 2,724.0177 |
| Worker | 0.5319 | 0.3577 | 5.4965 | 0.0329 | 5.1542 | 0.0131 | 5.1673 | 1.3700 | 0.0120 | 1.3821 | 0.0000 | 2,978.9323 | 2,978.9323 | 0.0263 | 0.0000 | 2,979.5901 |
| Total | 0.7318 | 8.5563 | 6.8356 | 0.0615 | 5.8582 | 0.0204 | 5.8786 | 1.5735 | 0.0190 | 1.5926 | 0.0000 | 5,698.6981 | 5,698.6981 | 0.1964 | 0.0000 | 5,703.6078 |

3.4 Building Construction - 2050

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2050

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1998 | 8.1225 | 1.3428 | 0.0286 | 0.7012 | 7.2800e-003 | 0.7085 | 0.2027 | 6.9600e-003 | 0.2097 | 0.0000 | 2,714.1187 | 2,714.1187 | 0.1650 | 0.0000 | 2,718.2434 |
| Worker | 0.5074 | 0.3500 | 5.3696 | 0.0326 | 5.1345 | 0.0124 | 5.1469 | 1.3648 | 0.0114 | 1.3762 | 0.0000 | 2,950.9789 | 2,950.9789 | 0.0256 | 0.0000 | 2,951.6193 |
| Total | 0.7072 | 8.4725 | 6.7125 | 0.0612 | 5.8357 | 0.0197 | 5.8554 | 1.5675 | 0.0183 | 1.5859 | 0.0000 | 5,665.0976 | 5,665.0976 | 0.1906 | 0.0000 | 5,669.8627 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2050

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1998 | 8.1225 | 1.3428 | 0.0286 | 0.7012 | 7.2800e-003 | 0.7085 | 0.2027 | 6.9600e-003 | 0.2097 | 0.0000 | 2,714.1187 | 2,714.1187 | 0.1650 | 0.0000 | 2,718.2434 |
| Worker | 0.5074 | 0.3500 | 5.3696 | 0.0326 | 5.1345 | 0.0124 | 5.1469 | 1.3648 | 0.0114 | 1.3762 | 0.0000 | 2,950.9789 | 2,950.9789 | 0.0256 | 0.0000 | 2,951.6193 |
| Total | 0.7072 | 8.4725 | 6.7125 | 0.0612 | 5.8357 | 0.0197 | 5.8554 | 1.5675 | 0.0183 | 1.5859 | 0.0000 | 5,665.0976 | 5,665.0976 | 0.1906 | 0.0000 | 5,669.8627 |

3.4 Building Construction - 2051

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2051

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2051

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2052

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |
| Total | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2052

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4975 | 0.0000 | 0.4975 | 0.1221 | 0.0000 | 0.1221 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4775 | 0.0000 | 4.4775 | 1.0990 | 0.0000 | 1.0990 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9750 | 0.0000 | 4.9750 | 1.2211 | 0.0000 | 1.2211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |
| Total | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2052

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4975 | 0.0000 | 0.4975 | 0.1221 | 0.0000 | 0.1221 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4775 | 0.0000 | 4.4775 | 1.0990 | 0.0000 | 1.0990 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9750 | 0.0000 | 4.9750 | 1.2211 | 0.0000 | 1.2211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2053

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2053

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2053

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2054

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2054

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2054

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2055

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2055

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2055

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2056

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2056

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2056

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2057

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2057

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2057

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2058

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2058

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2058

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2059

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2059

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2059

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2060

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |
| Total | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |

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3.4 Building Construction - 2060

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4975 | 0.0000 | 0.4975 | 0.1221 | 0.0000 | 0.1221 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4775 | 0.0000 | 4.4775 | 1.0990 | 0.0000 | 1.0990 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9750 | 0.0000 | 4.9750 | 1.2211 | 0.0000 | 1.2211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |
| Total | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |

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3.4 Building Construction - 2060

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4975 | 0.0000 | 0.4975 | 0.1221 | 0.0000 | 0.1221 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4775 | 0.0000 | 4.4775 | 1.0990 | 0.0000 | 1.0990 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9750 | 0.0000 | 4.9750 | 1.2211 | 0.0000 | 1.2211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2061

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

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3.4 Building Construction - 2061

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2061

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2062

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2062

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2062

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2063

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2063

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2063

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2064

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |
| Total | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2064

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4975 | 0.0000 | 0.4975 | 0.1221 | 0.0000 | 0.1221 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4775 | 0.0000 | 4.4775 | 1.0990 | 0.0000 | 1.0990 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9750 | 0.0000 | 4.9750 | 1.2211 | 0.0000 | 1.2211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |
| Total | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |

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3.4 Building Construction - 2064

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4975 | 0.0000 | 0.4975 | 0.1221 | 0.0000 | 0.1221 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4775 | 0.0000 | 4.4775 | 1.0990 | 0.0000 | 1.0990 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9750 | 0.0000 | 4.9750 | 1.2211 | 0.0000 | 1.2211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2065

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2065

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2065

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2066

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2066

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2066

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2067

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2067

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2067

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2068

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2068

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2068

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2069

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2069

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2069

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2070

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2070

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2070

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2071

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2071

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2071

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2072

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2072

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2072

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2073

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

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3.4 Building Construction - 2073

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

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3.4 Building Construction - 2073

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2074

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2074

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2074

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2075

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2075

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2075

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2076

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |
| Total | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |

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3.4 Building Construction - 2076

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4975 | 0.0000 | 0.4975 | 0.1221 | 0.0000 | 0.1221 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4775 | 0.0000 | 4.4775 | 1.0990 | 0.0000 | 1.0990 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9750 | 0.0000 | 4.9750 | 1.2211 | 0.0000 | 1.2211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |
| Total | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2076

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4975 | 0.0000 | 0.4975 | 0.1221 | 0.0000 | 0.1221 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4775 | 0.0000 | 4.4775 | 1.0990 | 0.0000 | 1.0990 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9750 | 0.0000 | 4.9750 | 1.2211 | 0.0000 | 1.2211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2077

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2077

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2077

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2078

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2078

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2078

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2079

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.4 Building Construction - 2079

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

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3.4 Building Construction - 2079

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2080

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0928 | 0.5340 | 1.2492 | 2.4000e-003 | | 5.7100e-003 | 5.7100e-003 | | 5.7100e-003 | 5.7100e-003 | 0.0000 | 203.7173 | 203.7173 | 7.3200e-003 | 0.0000 | 203.9003 |
| Total | 0.0928 | 0.5340 | 1.2492 | 2.4000e-003 | | 5.7100e-003 | 5.7100e-003 | | 5.7100e-003 | 5.7100e-003 | 0.0000 | 203.7173 | 203.7173 | 7.3200e-003 | 0.0000 | 203.9003 |

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3.4 Building Construction - 2080

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.2943 | 0.0000 | 0.2943 | 0.0723 | 0.0000 | 0.0723 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 2.6489 | 0.0000 | 2.6489 | 0.6502 | 0.0000 | 0.6502 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 2.9432 | 0.0000 | 2.9432 | 0.7224 | 0.0000 | 0.7224 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 7.7300e-003 | 0.0335 | 0.4765 | 2.4000e-003 | | 1.0300e-003 | 1.0300e-003 | | 1.0300e-003 | 1.0300e-003 | 0.0000 | 66.3897 | 66.3897 | 2.5700e-003 | 0.0000 | 66.4540 |
| Total | 7.7300e-003 | 0.0335 | 0.4765 | 2.4000e-003 | | 1.0300e-003 | 1.0300e-003 | | 1.0300e-003 | 1.0300e-003 | 0.0000 | 66.3897 | 66.3897 | 2.5700e-003 | 0.0000 | 66.4540 |

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3.4 Building Construction - 2080

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.2943 | 0.0000 | 0.2943 | 0.0723 | 0.0000 | 0.0723 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 2.6489 | 0.0000 | 2.6489 | 0.6502 | 0.0000 | 0.6502 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 2.9432 | 0.0000 | 2.9432 | 0.7224 | 0.0000 | 0.7224 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.5 Paving - 2080

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0541 | 0.1956 | 0.8463 | 1.5000e-003 | | 6.2300e-003 | 6.2300e-003 | | 6.2300e-003 | 6.2300e-003 | 0.0000 | 128.9324 | 128.9324 | 4.3300e-003 | 0.0000 | 129.0407 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0541 | 0.1956 | 0.8463 | 1.5000e-003 | | 6.2300e-003 | 6.2300e-003 | | 6.2300e-003 | 6.2300e-003 | 0.0000 | 128.9324 | 128.9324 | 4.3300e-003 | 0.0000 | 129.0407 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.5 Paving - 2080

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 8.6000e-003 | 0.0000 | 8.6000e-003 | 2.1100e-003 | 0.0000 | 2.1100e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 8.6000e-003 | 0.0000 | 8.6000e-003 | 2.1100e-003 | 0.0000 | 2.1100e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0150 | 0.0650 | 0.9253 | 1.5000e-003 | | 2.0000e-003 | 2.0000e-003 | | 2.0000e-003 | 2.0000e-003 | 0.0000 | 128.9323 | 128.9323 | 4.3300e-003 | 0.0000 | 129.0406 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0150 | 0.0650 | 0.9253 | 1.5000e-003 | | 2.0000e-003 | 2.0000e-003 | | 2.0000e-003 | 2.0000e-003 | 0.0000 | 128.9323 | 128.9323 | 4.3300e-003 | 0.0000 | 129.0406 |

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3.5 Paving - 2080

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 8.6000e-003 | 0.0000 | 8.6000e-003 | 2.1100e-003 | 0.0000 | 2.1100e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 8.6000e-003 | 0.0000 | 8.6000e-003 | 2.1100e-003 | 0.0000 | 2.1100e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.5 Paving - 2081

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.5 Paving - 2081

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 0.0210 | 0.0000 | 0.0210 | 5.1500e-003 | 0.0000 | 5.1500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 0.0210 | 0.0000 | 0.0210 | 5.1500e-003 | 0.0000 | 5.1500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.5 Paving - 2081

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 0.0210 | 0.0000 | 0.0210 | 5.1500e-003 | 0.0000 | 5.1500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 0.0210 | 0.0000 | 0.0210 | 5.1500e-003 | 0.0000 | 5.1500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.5 Paving - 2082

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.5 Paving - 2082

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 0.0210 | 0.0000 | 0.0210 | 5.1500e-003 | 0.0000 | 5.1500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 0.0210 | 0.0000 | 0.0210 | 5.1500e-003 | 0.0000 | 5.1500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |

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3.5 Paving - 2082

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 0.0210 | 0.0000 | 0.0210 | 5.1500e-003 | 0.0000 | 5.1500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 0.0210 | 0.0000 | 0.0210 | 5.1500e-003 | 0.0000 | 5.1500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.5 Paving - 2083

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0157 | 0.0567 | 0.2452 | 4.3000e-004 | | 1.8000e-003 | 1.8000e-003 | | 1.8000e-003 | 1.8000e-003 | 0.0000 | 37.3543 | 37.3543 | 1.2600e-003 | 0.0000 | 37.3856 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0157 | 0.0567 | 0.2452 | 4.3000e-004 | | 1.8000e-003 | 1.8000e-003 | | 1.8000e-003 | 1.8000e-003 | 0.0000 | 37.3543 | 37.3543 | 1.2600e-003 | 0.0000 | 37.3856 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.5 Paving - 2083

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 2.4900e-003 | 0.0000 | 2.4900e-003 | 6.1000e-004 | 0.0000 | 6.1000e-004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 2.4900e-003 | 0.0000 | 2.4900e-003 | 6.1000e-004 | 0.0000 | 6.1000e-004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 4.3500e-003 | 0.0188 | 0.2681 | 4.3000e-004 | | 5.8000e-004 | 5.8000e-004 | | 5.8000e-004 | 5.8000e-004 | 0.0000 | 37.3542 | 37.3542 | 1.2600e-003 | 0.0000 | 37.3856 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 4.3500e-003 | 0.0188 | 0.2681 | 4.3000e-004 | | 5.8000e-004 | 5.8000e-004 | | 5.8000e-004 | 5.8000e-004 | 0.0000 | 37.3542 | 37.3542 | 1.2600e-003 | 0.0000 | 37.3856 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.5 Paving - 2083

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 2.4900e-003 | 0.0000 | 2.4900e-003 | 6.1000e-004 | 0.0000 | 6.1000e-004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 2.4900e-003 | 0.0000 | 2.4900e-003 | 6.1000e-004 | 0.0000 | 6.1000e-004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.6 Architectural Coating - 2083

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 18.1152 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0132 | 0.0836 | 0.2061 | 3.4000e-004 | | 8.5000e-004 | 8.5000e-004 | | 8.5000e-004 | 8.5000e-004 | 0.0000 | 29.3624 | 29.3624 | 1.0300e-003 | 0.0000 | 29.3883 |
| Total | 18.1284 | 0.0836 | 0.2061 | 3.4000e-004 | | 8.5000e-004 | 8.5000e-004 | | 8.5000e-004 | 8.5000e-004 | 0.0000 | 29.3624 | 29.3624 | 1.0300e-003 | 0.0000 | 29.3883 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.6 Architectural Coating - 2083

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 0.7864 | 0.0000 | 0.7864 | 0.1930 | 0.0000 | 0.1930 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 0.7864 | 0.0000 | 0.7864 | 0.1930 | 0.0000 | 0.1930 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.6 Architectural Coating - 2084

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 20.4781 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0149 | 0.0945 | 0.2330 | 3.9000e-004 | | 9.7000e-004 | 9.7000e-004 | | 9.7000e-004 | 9.7000e-004 | 0.0000 | 33.1923 | 33.1923 | 1.1700e-003 | 0.0000 | 33.2215 |
| Total | 20.4930 | 0.0945 | 0.2330 | 3.9000e-004 | | 9.7000e-004 | 9.7000e-004 | | 9.7000e-004 | 9.7000e-004 | 0.0000 | 33.1923 | 33.1923 | 1.1700e-003 | 0.0000 | 33.2215 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.6 Architectural Coating - 2084

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 0.8889 | 0.0000 | 0.8889 | 0.2182 | 0.0000 | 0.2182 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 0.8889 | 0.0000 | 0.8889 | 0.2182 | 0.0000 | 0.2182 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.6 Architectural Coating - 2085

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 13.3895 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 9.7700e-003 | 0.0618 | 0.1524 | 2.5000e-004 | | 6.3000e-004 | 6.3000e-004 | | 6.3000e-004 | 6.3000e-004 | 0.0000 | 21.7027 | 21.7027 | 7.6000e-004 | 0.0000 | 21.7218 |
| Total | 13.3993 | 0.0618 | 0.1524 | 2.5000e-004 | | 6.3000e-004 | 6.3000e-004 | | 6.3000e-004 | 6.3000e-004 | 0.0000 | 21.7027 | 21.7027 | 7.6000e-004 | 0.0000 | 21.7218 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

3.6 Architectural Coating - 2085

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 0.5812 | 0.0000 | 0.5812 | 0.1427 | 0.0000 | 0.1427 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 0.5812 | 0.0000 | 0.5812 | 0.1427 | 0.0000 | 0.1427 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Improve Pedestrian Network

Implement Trip Reduction Program

Encourage Telecommuting and Alternative Work Schedules

Employee Vanpool/Shuttle

Provide Ride Sharing Program

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|---------|---------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|--------|--------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 5.2462 | 62.4532 | 58.6265 | 0.4374 | 37.8587 | 0.1492 | 38.0079 | 10.1484 | 0.1396 | 10.2880 | 0.0000 | 40,723.55 84 | 40,723.55 84 | 2.0755 | 0.0000 | 40,775.44 59 |
| Unmitigated | 5.5287 | 64.0971 | 63.2594 | 0.4721 | 41.3958 | 0.1620 | 41.5578 | 11.0965 | 0.1516 | 11.2481 | 0.0000 | 43,936.05 14 | 43,936.05 14 | 2.1351 | 0.0000 | 43,989.42 81 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|-----------------------|-------------------------|------------------|------------------|--------------------|--------------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| City Park | 0.00 | 0.00 | 0.00 | | |
| Condo/Townhouse | 0.00 | 0.00 | 0.00 | | |
| Elementary School | 0.00 | 0.00 | 0.00 | | |
| Single Family Housing | 32,818.35 | 32,818.35 | 32,818.35 | 109,841,586 | 100,456,187 |
| Strip Mall | 0.00 | 0.00 | 0.00 | | |
| Total | 32,818.35 | 32,818.35 | 32,818.35 | 109,841,586 | 100,456,187 |

4.3 Trip Type Information

| Land Use | Miles | | | Trip % | | | Trip Purpose % | | |
|-----------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| City Park | 14.70 | 6.60 | 6.60 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |
| Condo/Townhouse | 16.80 | 7.10 | 7.90 | 42.30 | 19.60 | 38.10 | 86 | 11 | 3 |
| Elementary School | 14.70 | 6.60 | 6.60 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| Single Family Housing | 15.12 | 6.39 | 7.11 | 42.30 | 19.60 | 38.10 | 86 | 11 | 3 |
| Strip Mall | 14.70 | 6.60 | 6.60 | 16.60 | 64.40 | 19.00 | 45 | 40 | 15 |

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4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| City Park | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |
| Condo/Townhouse | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |
| Elementary School | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |
| Single Family Housing | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |
| Strip Mall | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable Energy

Install Energy Efficient Appliances

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|---------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|--------|--------|------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Electricity Mitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 3,241.9899 | 3,241.9899 | 0.2859 | 0.0592 | 3,266.7682 |
| Electricity Unmitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 4,904.8497 | 4,904.8497 | 0.4326 | 0.0895 | 4,942.3372 |
| NaturalGas Mitigated | 0.3947 | 3.4024 | 1.6537 | 0.0215 | | | 0.2727 | 0.2727 | | 0.2727 | 0.0000 | 3,905.8003 | 3,905.8003 | 0.0749 | 0.0716 | 3,929.0105 |
| NaturalGas Unmitigated | 0.4729 | 4.0770 | 1.9812 | 0.0258 | | | 0.3267 | 0.3267 | | 0.3267 | 0.0000 | 4,680.2794 | 4,680.2794 | 0.0897 | 0.0858 | 4,708.0920 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 3.38292e+007 | 0.1824 | 1.5588 | 0.6633 | 9.9500e-003 | | 0.1260 | 0.1260 | | 0.1260 | 0.1260 | 0.0000 | 1,805.2543 | 1,805.2543 | 0.0346 | 0.0331 | 1,815.9820 |
| Elementary School | 1.4695e+006 | 7.9200e-003 | 0.0720 | 0.0605 | 4.3000e-004 | | 5.4700e-003 | 5.4700e-003 | | 5.4700e-003 | 5.4700e-003 | 0.0000 | 78.4179 | 78.4179 | 1.5000e-003 | 1.4400e-003 | 78.8839 |
| Single Family Housing | 4.17539e+007 | 0.2251 | 1.9240 | 0.8187 | 0.0123 | | 0.1556 | 0.1556 | | 0.1556 | 0.1556 | 0.0000 | 2,228.1497 | 2,228.1497 | 0.0427 | 0.0409 | 2,241.3905 |
| Strip Mall | 1.06525e+007 | 0.0574 | 0.5222 | 0.4386 | 3.1300e-003 | | 0.0397 | 0.0397 | | 0.0397 | 0.0397 | 0.0000 | 568.4575 | 568.4575 | 0.0109 | 0.0104 | 571.8356 |
| Total | | 0.4729 | 4.0770 | 1.9812 | 0.0258 | | 0.3267 | 0.3267 | | 0.3267 | 0.3267 | 0.0000 | 4,680.2794 | 4,680.2794 | 0.0897 | 0.0858 | 4,708.0920 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

5.2 Energy by Land Use - NaturalGas

Mitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 2.84654e+007 | 0.1535 | 1.3116 | 0.5582 | 8.3700e-003 | | 0.1061 | 0.1061 | | 0.1061 | 0.1061 | 0.0000 | 1,519.0238 | 1,519.0238 | 0.0291 | 0.0279 | 1,528.0506 |
| Elementary School | 1.19807e+006 | 6.4600e-003 | 0.0587 | 0.0493 | 3.5000e-004 | | 4.4600e-003 | 4.4600e-003 | | 4.4600e-003 | 4.4600e-003 | 0.0000 | 63.9336 | 63.9336 | 1.2300e-003 | 1.1700e-003 | 64.3135 |
| Single Family Housing | 3.45923e+007 | 0.1865 | 1.5940 | 0.6783 | 0.0102 | | 0.1289 | 0.1289 | | 0.1289 | 0.1289 | 0.0000 | 1,845.9761 | 1,845.9761 | 0.0354 | 0.0338 | 1,856.9458 |
| Strip Mall | 8.93615e+006 | 0.0482 | 0.4381 | 0.3680 | 2.6300e-003 | | 0.0333 | 0.0333 | | 0.0333 | 0.0333 | 0.0000 | 476.8668 | 476.8668 | 9.1400e-003 | 8.7400e-003 | 479.7006 |
| Total | | 0.3947 | 3.4024 | 1.6537 | 0.0215 | | 0.2727 | 0.2727 | | 0.2727 | 0.2727 | 0.0000 | 3,905.8003 | 3,905.8003 | 0.0749 | 0.0716 | 3,929.0105 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 1.03718e+007 | 1,546.8553 | 0.1364 | 0.0282 | 1,558.6778 |
| Elementary School | 410827 | 61.2712 | 5.4000e-003 | 1.1200e-003 | 61.7395 |
| Single Family Housing | 1.39909e+007 | 2,086.6195 | 0.1840 | 0.0381 | 2,102.5674 |
| Strip Mall | 8.11381e+006 | 1,210.1037 | 0.1067 | 0.0221 | 1,219.3525 |
| Total | | 4,904.8497 | 0.4326 | 0.0895 | 4,942.3372 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 7.1306e+006 | 1,063.4658 | 0.0938 | 0.0194 | 1,071.5938 |
| Elementary School | 238631 | 35.5897 | 3.1400e-003 | 6.5000e-004 | 35.8617 |
| Single Family Housing | 9.69574e+006 | 1,446.0334 | 0.1275 | 0.0264 | 1,457.0853 |
| Strip Mall | 4.67276e+006 | 696.9010 | 0.0615 | 0.0127 | 702.2273 |
| Total | | 3,241.9899 | 0.2860 | 0.0592 | 3,266.7682 |

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Exterior
- Use only Natural Gas Hearths

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|--------|----------|-------------|---------------|--------------|------------|----------------|---------------|-------------|------------|------------|------------|---------|--------|------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 28.8395 | 1.5988 | 26.2958 | 9.6700e-003 | | 0.2486 | 0.2486 | | 0.2486 | 0.2486 | 0.0000 | 1,549.8011 | 1,549.8011 | 0.0692 | 0.0276 | 1,559.7662 |
| Unmitigated | 41.8050 | 3.5197 | 144.0417 | 0.3938 | | 19.4568 | 19.4568 | | 19.4568 | 19.4568 | 2,571.9803 | 1,549.8011 | 4,121.7815 | 12.0926 | 0.0276 | 4,432.3337 |

6.2 Area by SubCategory

Unmitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|-----------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------|-------------------|----------------|---------------|-------------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 5.1983 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 22.7180 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 13.1178 | 3.2226 | 118.2999 | 0.3925 | | 19.3134 | 19.3134 | | 19.3134 | 19.3134 | 2,571.9803 | 1,507.5617 | 4,079.5421 | 12.0524 | 0.0276 | 4,389.0879 |
| Landscaping | 0.7709 | 0.2971 | 25.7418 | 1.3700e-003 | | 0.1434 | 0.1434 | | 0.1434 | 0.1434 | 0.0000 | 42.2394 | 42.2394 | 0.0403 | 0.0000 | 43.2458 |
| Total | 41.8050 | 3.5197 | 144.0417 | 0.3938 | | 19.4568 | 19.4568 | | 19.4568 | 19.4568 | 2,571.9803 | 1,549.8011 | 4,121.7815 | 12.0926 | 0.0276 | 4,432.3337 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

6.2 Area by SubCategory

Mitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|----------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 5.1983 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 22.7180 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 0.1523 | 1.3018 | 0.5539 | 8.3100e-003 | | 0.1053 | 0.1053 | | 0.1053 | 0.1053 | 0.0000 | 1,507.5617 | 1,507.5617 | 0.0289 | 0.0276 | 1,516.5204 |
| Landscaping | 0.7709 | 0.2971 | 25.7418 | 1.3700e-003 | | 0.1434 | 0.1434 | | 0.1434 | 0.1434 | 0.0000 | 42.2394 | 42.2394 | 0.0403 | 0.0000 | 43.2458 |
| Total | 28.8395 | 1.5988 | 26.2958 | 9.6800e-003 | | 0.2486 | 0.2486 | | 0.2486 | 0.2486 | 0.0000 | 1,549.8011 | 1,549.8011 | 0.0692 | 0.0276 | 1,559.7662 |

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|--------|--------|----------|
| Category | MT/yr | | | |
| Mitigated | 377.0457 | 7.9036 | 0.1915 | 631.6968 |
| Unmitigated | 471.3072 | 9.8795 | 0.2394 | 789.6210 |

7.2 Water by Land Use

Unmitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 59.5741 | 31.0973 | 2.7400e-003 | 5.7000e-004 | 31.3350 |
| Condo/Townhouse | 122.685 / 77.3449 | 178.3031 | 4.0100 | 0.0969 | 307.4402 |
| Elementary School | 1.69697 / 4.36363 | 4.1856 | 0.0556 | 1.3700e-003 | 5.9850 |
| Single Family Housing | 104.051 / 65.5974 | 151.2215 | 3.4009 | 0.0822 | 260.7445 |
| Strip Mall | 73.7436 / 45.1977 | 106.4997 | 2.4103 | 0.0583 | 184.1164 |
| Total | | 471.3072 | 9.8796 | 0.2394 | 789.6210 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

7.2 Water by Land Use

Mitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 47.6593 | 24.8779 | 2.1900e-003 | 4.5000e-004 | 25.0680 |
| Condo/Townhouse | 98.148 / 61.8759 | 142.6425 | 3.2080 | 0.0776 | 245.9521 |
| Elementary School | 1.35757 / 3.49091 | 3.3485 | 0.0445 | 1.1000e-003 | 4.7880 |
| Single Family Housing | 83.2408 / 52.4779 | 120.9772 | 2.7207 | 0.0658 | 208.5956 |
| Strip Mall | 58.9949 / 36.1582 | 85.1998 | 1.9282 | 0.0466 | 147.2931 |
| Total | | 377.0457 | 7.9036 | 0.1915 | 631.6968 |

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|---------|--------|------------|
| | MT/yr | | | |
| Mitigated | 561.4258 | 33.1793 | 0.0000 | 1,390.9087 |
| Unmitigated | 748.5677 | 44.2391 | 0.0000 | 1,854.5449 |

8.2 Waste by Land Use

Unmitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-----------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 4.3 | 0.8729 | 0.0516 | 0.0000 | 2.1625 |
| Condo/Townhouse | 866.18 | 175.8267 | 10.3911 | 0.0000 | 435.6032 |
| Elementary School | 127.75 | 25.9321 | 1.5325 | 0.0000 | 64.2457 |
| Single Family Housing | 1644.12 | 333.7415 | 19.7236 | 0.0000 | 826.8304 |
| Strip Mall | 1045.34 | 212.1946 | 12.5403 | 0.0000 | 525.7031 |
| Total | | 748.5677 | 44.2391 | 0.0000 | 1,854.5449 |

Village D Specific Plan - Phase III Operational (Phase III) Mitigated - Madera County, Annual

8.2 Waste by Land Use

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-----------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 3.225 | 0.6547 | 0.0387 | 0.0000 | 1.6219 |
| Condo/Townhouse | 649.635 | 131.8700 | 7.7933 | 0.0000 | 326.7024 |
| Elementary School | 95.8125 | 19.4491 | 1.1494 | 0.0000 | 48.1843 |
| Single Family Housing | 1233.09 | 250.3061 | 14.7927 | 0.0000 | 620.1228 |
| Strip Mall | 784.005 | 159.1459 | 9.4053 | 0.0000 | 394.2773 |
| Total | | 561.4258 | 33.1793 | 0.0000 | 1,390.9087 |

9.0 Operational Offroad

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

| Equipment Type | Number | Hours/Day | Hours/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|------------|-------------|-------------|-----------|
|----------------|--------|-----------|------------|-------------|-------------|-----------|

Boilers

| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

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User Defined Equipment

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

11.0 Vegetation

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

Village D Specific Plan - Phase III Operational (Phase III)
Madera County, Annual

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-----------------------|----------|---------------|-------------|--------------------|------------|
| Elementary School | 700.00 | Student | 20.00 | 58,522.36 | 0 |
| City Park | 50.00 | Acre | 50.00 | 2,178,000.00 | 0 |
| Condo/Townhouse | 1,883.00 | Dwelling Unit | 154.00 | 1,883,000.00 | 5385 |
| Single Family Housing | 1,597.00 | Dwelling Unit | 228.40 | 2,874,600.00 | 4567 |
| Strip Mall | 995.56 | 1000sqft | 65.00 | 995,560.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|--------------------------------|--------------------------------|--------------------------------|-------|----------------------------------|-------|
| Urbanization | Rural | Wind Speed (m/s) | 2.9 | Precipitation Freq (Days) | 51 |
| Climate Zone | 3 | | | Operational Year | 2050 |
| Utility Company | Pacific Gas & Electric Company | | | | |
| CO2 Intensity (lb/MWhr) | 328.8 | CH4 Intensity (lb/MWhr) | 0.029 | N2O Intensity (lb/MWhr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - CO2 intensity based on 5-year average (PG&E 2015)

Land Use - Based on land use summary

Construction Phase - Operational run only

Vehicle Trips - Based on trip generation prepared for the proposed project

Construction Off-road Equipment Mitigation - Mitigation includes Tier 4 construction equipment and compliance with SJVAPCD Rule 9510

Mobile Land Use Mitigation -

Mobile Commute Mitigation -

Area Mitigation -

Energy Mitigation - Assuming compliance with 2019 Title 24 improvements and assuming energy-efficient clothes washers, dishwashers, fans, and refrigerators in all residential units

Water Mitigation - Assuming installation of low low fixtures and appliances

Waste Mitigation - Assuming 25 percent reduction in waste disposed, consistent with the CalRecycle Waste Diversion and Recycling Mandate

| Table Name | Column Name | Default Value | New Value |
|-------------------------|------------------------------|---------------|------------|
| tblConstDustMitigation | WaterUnpavedRoadVehicleSpeed | 0 | 15 |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | FuelType | Diesel | Electrical |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 3.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |

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| | | | |
|---------------------------|----------------------------|-----------|--------------|
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 4.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 2.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 9.00 |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00 | 1.00 |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblConstEquipMitigation | Tier | No Change | Tier 4 Final |
| tblLandUse | LotAcreage | 1.34 | 20.00 |
| tblLandUse | LotAcreage | 117.69 | 154.00 |
| tblLandUse | LotAcreage | 518.51 | 228.40 |
| tblLandUse | LotAcreage | 22.85 | 65.00 |
| tblProjectCharacteristics | CO2IntensityFactor | 641.35 | 328.8 |
| tblProjectCharacteristics | UrbanizationLevel | Urban | Rural |
| tblVehicleTrips | ST_TR | 22.75 | 0.00 |
| tblVehicleTrips | ST_TR | 5.67 | 0.00 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

| | | | |
|-----------------|--------------------|--------|--------|
| tblVehicleTrips | ST_TR | 9.91 | 20.55 |
| tblVehicleTrips | ST_TR | 42.04 | 0.00 |
| tblVehicleTrips | SU_TR | 16.74 | 0.00 |
| tblVehicleTrips | SU_TR | 4.84 | 0.00 |
| tblVehicleTrips | SU_TR | 8.62 | 20.55 |
| tblVehicleTrips | SU_TR | 20.43 | 0.00 |
| tblVehicleTrips | WD_TR | 1.89 | 0.00 |
| tblVehicleTrips | WD_TR | 5.81 | 0.00 |
| tblVehicleTrips | WD_TR | 1.29 | 0.00 |
| tblVehicleTrips | WD_TR | 9.52 | 20.55 |
| tblVehicleTrips | WD_TR | 44.32 | 0.00 |
| tblWoodstoves | NumberCatalytic | 154.00 | 117.69 |
| tblWoodstoves | NumberCatalytic | 228.40 | 518.51 |
| tblWoodstoves | NumberNoncatalytic | 154.00 | 117.69 |
| tblWoodstoves | NumberNoncatalytic | 228.40 | 518.51 |

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|----------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2040 | 0.2600 | 1.0454 | 2.0925 | 6.2600e-003 | 2.3867 | 0.0265 | 2.4133 | 1.3037 | 0.0265 | 1.3302 | 0.0000 | 539.1594 | 539.1594 | 0.0204 | 0.0000 | 539.6687 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|--------|--------|------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2041 | 0.3216 | 0.9965 | 2.6239 | 8.1700e-003 | 2.6460 | 0.0283 | 2.6743 | 0.9011 | 0.0283 | 0.9294 | 0.0000 | 746.3346 | 746.3346 | 0.0253 | 0.0000 | 746.9661 |
| 2042 | 0.3593 | 0.9666 | 2.9487 | 9.3400e-003 | 2.0510 | 0.0295 | 2.0805 | 0.5737 | 0.0295 | 0.6032 | 0.0000 | 872.9418 | 872.9418 | 0.0282 | 0.0000 | 873.6478 |
| 2043 | 0.3593 | 0.9666 | 2.9487 | 9.3400e-003 | 2.0510 | 0.0295 | 2.0805 | 0.5737 | 0.0295 | 0.6032 | 0.0000 | 872.9418 | 872.9418 | 0.0282 | 0.0000 | 873.6478 |
| 2044 | 0.3943 | 1.4592 | 3.3155 | 0.0126 | 2.3407 | 0.0296 | 2.3703 | 0.6388 | 0.0295 | 0.6683 | 0.0000 | 1,172.9464 | 1,172.9464 | 0.0390 | 0.0000 | 1,173.9212 |
| 2045 | 0.8847 | 9.4193 | 8.9048 | 0.0653 | 5.8357 | 0.0299 | 5.8656 | 1.5675 | 0.0285 | 1.5960 | 0.0000 | 6,018.5834 | 6,018.5834 | 0.2079 | 0.0000 | 6,023.7812 |
| 2046 | 0.8881 | 9.4555 | 8.9390 | 0.0656 | 5.8582 | 0.0300 | 5.8882 | 1.5735 | 0.0286 | 1.6022 | 0.0000 | 6,041.7318 | 6,041.7318 | 0.2087 | 0.0000 | 6,046.9496 |
| 2047 | 0.8881 | 9.4555 | 8.9390 | 0.0656 | 5.8582 | 0.0300 | 5.8882 | 1.5735 | 0.0286 | 1.6022 | 0.0000 | 6,041.7318 | 6,041.7318 | 0.2087 | 0.0000 | 6,046.9496 |
| 2048 | 0.8915 | 9.4918 | 8.9733 | 0.0658 | 5.8806 | 0.0301 | 5.9107 | 1.5796 | 0.0288 | 1.6083 | 0.0000 | 6,064.8802 | 6,064.8802 | 0.2095 | 0.0000 | 6,070.1180 |
| 2049 | 0.8881 | 9.4555 | 8.9390 | 0.0656 | 5.8582 | 0.0300 | 5.8882 | 1.5735 | 0.0286 | 1.6022 | 0.0000 | 6,041.7318 | 6,041.7318 | 0.2087 | 0.0000 | 6,046.9496 |
| 2050 | 0.8628 | 9.3682 | 8.8079 | 0.0652 | 5.8357 | 0.0292 | 5.8649 | 1.5675 | 0.0279 | 1.5954 | 0.0000 | 6,006.8170 | 6,006.8170 | 0.2029 | 0.0000 | 6,011.8890 |
| 2051 | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | 4.9370 | 9.5800e-003 | 4.9466 | 1.2118 | 9.5800e-003 | 1.2214 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| 2052 | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | 4.9750 | 9.6600e-003 | 4.9846 | 1.2211 | 9.6600e-003 | 1.2308 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |
| 2053 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2054 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2055 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2056 | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | 4.9370 | 9.5800e-003 | 4.9466 | 1.2118 | 9.5800e-003 | 1.2214 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| 2057 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2058 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|----------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2059 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2060 | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | 4.9750 | 9.6600e-003 | 4.9846 | 1.2211 | 9.6600e-003 | 1.2308 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |
| 2061 | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | 4.9370 | 9.5800e-003 | 4.9466 | 1.2118 | 9.5800e-003 | 1.2214 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| 2062 | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | 4.9370 | 9.5800e-003 | 4.9466 | 1.2118 | 9.5800e-003 | 1.2214 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| 2063 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2064 | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | 4.9750 | 9.6600e-003 | 4.9846 | 1.2211 | 9.6600e-003 | 1.2308 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |
| 2065 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2066 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2067 | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | 4.9370 | 9.5800e-003 | 4.9466 | 1.2118 | 9.5800e-003 | 1.2214 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| 2068 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2069 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2070 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2071 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2072 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2073 | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | 4.9370 | 9.5800e-003 | 4.9466 | 1.2118 | 9.5800e-003 | 1.2214 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| 2074 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2075 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2076 | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | 4.9750 | 9.6600e-003 | 4.9846 | 1.2211 | 9.6600e-003 | 1.2308 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2077 | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | 4.9560 | 9.6200e-003 | 4.9656 | 1.2165 | 9.6200e-003 | 1.2261 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| 2078 | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | 4.9370 | 9.5800e-003 | 4.9466 | 1.2118 | 9.5800e-003 | 1.2214 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| 2079 | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | 4.9370 | 9.5800e-003 | 4.9466 | 1.2118 | 9.5800e-003 | 1.2214 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| 2080 | 0.1469 | 0.7296 | 2.0954 | 3.9000e-003 | 2.9518 | 0.0119 | 2.9638 | 0.7245 | 0.0119 | 0.7365 | 0.0000 | 332.6497 | 332.6497 | 0.0117 | 0.0000 | 332.9411 |
| 2081 | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | 0.0210 | 0.0152 | 0.0362 | 5.1500e-003 | 0.0152 | 0.0203 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |
| 2082 | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | 0.0210 | 0.0152 | 0.0362 | 5.1500e-003 | 0.0152 | 0.0203 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |
| 2083 | 18.1441 | 0.1403 | 0.4513 | 7.8000e-004 | 0.7889 | 2.6600e-003 | 0.7915 | 0.1936 | 2.6600e-003 | 0.1963 | 0.0000 | 66.7167 | 66.7167 | 2.2900e-003 | 0.0000 | 66.7739 |
| 2084 | 20.4930 | 0.0945 | 0.2330 | 3.9000e-004 | 0.8889 | 9.7000e-004 | 0.8899 | 0.2182 | 9.7000e-004 | 0.2192 | 0.0000 | 33.1923 | 33.1923 | 1.1700e-003 | 0.0000 | 33.2215 |
| 2085 | 13.3993 | 0.0618 | 0.1524 | 2.5000e-004 | 0.5812 | 6.3000e-004 | 0.5819 | 0.1427 | 6.3000e-004 | 0.1433 | 0.0000 | 21.7027 | 21.7027 | 7.6000e-004 | 0.0000 | 21.7218 |
| Maximum | 20.4930 | 9.4918 | 8.9733 | 0.0658 | 5.8806 | 0.0301 | 5.9107 | 1.5796 | 0.0295 | 1.6083 | 0.0000 | 6,064.880 2 | 6,064.880 2 | 0.2095 | 0.0000 | 6,070.118 0 |

2.1 Overall Construction

Mitigated Construction

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|----------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2040 | 0.0642 | 0.2655 | 2.7566 | 6.2600e-003 | 1.0900 | 8.1900e-003 | 1.0982 | 0.5909 | 8.1800e-003 | 0.5991 | 0.0000 | 539.1587 | 539.1587 | 0.0204 | 0.0000 | 539.6681 |
| 2041 | 0.0781 | 0.3249 | 3.1067 | 8.1700e-003 | 1.2078 | 0.0100 | 1.2178 | 0.4100 | 0.0100 | 0.4200 | 0.0000 | 657.8931 | 657.8931 | 0.0226 | 0.0000 | 658.4584 |

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|-------------|--------|------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2042 | 0.0866 | 0.3612 | 3.3207 | 9.3400e-003 | 0.9408 | 0.0111 | 0.9519 | 0.2629 | 0.0111 | 0.2740 | 0.0000 | 730.4530 | 730.4530 | 0.0240 | 0.0000 | 731.0525 |
| 2043 | 0.0866 | 0.3612 | 3.3207 | 9.3400e-003 | 0.9408 | 0.0111 | 0.9519 | 0.2629 | 0.0111 | 0.2740 | 0.0000 | 730.4530 | 730.4530 | 0.0240 | 0.0000 | 731.0525 |
| 2044 | 0.1290 | 0.8401 | 3.5913 | 0.0126 | 1.2552 | 0.0119 | 1.2671 | 0.3417 | 0.0118 | 0.3534 | 0.0000 | 1,025.3568 | 1,025.3568 | 0.0345 | 0.0000 | 1,026.2197 |
| 2045 | 0.7420 | 8.5797 | 7.6086 | 0.0653 | 5.8357 | 0.0221 | 5.8578 | 1.5675 | 0.0207 | 1.5882 | 0.0000 | 5,788.2275 | 5,788.2275 | 0.1999 | 0.0000 | 5,793.2260 |
| 2046 | 0.7449 | 8.6127 | 7.6379 | 0.0656 | 5.8582 | 0.0221 | 5.8803 | 1.5735 | 0.0208 | 1.5943 | 0.0000 | 5,810.4899 | 5,810.4899 | 0.2007 | 0.0000 | 5,815.5077 |
| 2047 | 0.7449 | 8.6127 | 7.6379 | 0.0656 | 5.8582 | 0.0221 | 5.8803 | 1.5735 | 0.0208 | 1.5943 | 0.0000 | 5,810.4899 | 5,810.4899 | 0.2007 | 0.0000 | 5,815.5077 |
| 2048 | 0.7477 | 8.6457 | 7.6671 | 0.0658 | 5.8806 | 0.0222 | 5.9028 | 1.5796 | 0.0208 | 1.6004 | 0.0000 | 5,832.7523 | 5,832.7523 | 0.2015 | 0.0000 | 5,837.7893 |
| 2049 | 0.7449 | 8.6127 | 7.6379 | 0.0656 | 5.8582 | 0.0221 | 5.8803 | 1.5735 | 0.0208 | 1.5943 | 0.0000 | 5,810.4899 | 5,810.4899 | 0.2007 | 0.0000 | 5,815.5077 |
| 2050 | 0.7201 | 8.5287 | 7.5117 | 0.0652 | 5.8357 | 0.0214 | 5.8571 | 1.5675 | 0.0201 | 1.5876 | 0.0000 | 5,776.4610 | 5,776.4610 | 0.1949 | 0.0000 | 5,781.3338 |
| 2051 | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | 4.9370 | 1.7300e-003 | 4.9387 | 1.2118 | 1.7300e-003 | 1.2135 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| 2052 | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | 4.9750 | 1.7400e-003 | 4.9767 | 1.2211 | 1.7400e-003 | 1.2229 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |
| 2053 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2054 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2055 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2056 | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | 4.9370 | 1.7300e-003 | 4.9387 | 1.2118 | 1.7300e-003 | 1.2135 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| 2057 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2058 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2059 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|--------|----------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2060 | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | 4.9750 | 1.7400e-003 | 4.9767 | 1.2211 | 1.7400e-003 | 1.2229 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |
| 2061 | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | 4.9370 | 1.7300e-003 | 4.9387 | 1.2118 | 1.7300e-003 | 1.2135 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| 2062 | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | 4.9370 | 1.7300e-003 | 4.9387 | 1.2118 | 1.7300e-003 | 1.2135 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| 2063 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2064 | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | 4.9750 | 1.7400e-003 | 4.9767 | 1.2211 | 1.7400e-003 | 1.2229 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |
| 2065 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2066 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2067 | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | 4.9370 | 1.7300e-003 | 4.9387 | 1.2118 | 1.7300e-003 | 1.2135 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| 2068 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2069 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2070 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2071 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2072 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2073 | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | 4.9370 | 1.7300e-003 | 4.9387 | 1.2118 | 1.7300e-003 | 1.2135 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| 2074 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2075 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| 2076 | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | 4.9750 | 1.7400e-003 | 4.9767 | 1.2211 | 1.7400e-003 | 1.2229 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |
| 2077 | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | 4.9560 | 1.7300e-003 | 4.9577 | 1.2165 | 1.7300e-003 | 1.2182 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2078 | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | 4.9370 | 1.7300e-003 | 4.9387 | 1.2118 | 1.7300e-003 | 1.2135 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| 2079 | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | 4.9370 | 1.7300e-003 | 4.9387 | 1.2118 | 1.7300e-003 | 1.2135 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| 2080 | 0.0227 | 0.0985 | 1.4018 | 3.9000e-003 | 2.9518 | 3.0300e-003 | 2.9549 | 0.7245 | 3.0300e-003 | 0.7276 | 0.0000 | 195.3220 | 195.3220 | 6.9000e-003 | 0.0000 | 195.4946 |
| 2081 | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | 0.0210 | 4.8800e-003 | 0.0259 | 5.1500e-003 | 4.8800e-003 | 0.0100 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |
| 2082 | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | 0.0210 | 4.8800e-003 | 0.0259 | 5.1500e-003 | 4.8800e-003 | 0.0100 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |
| 2083 | 18.1196 | 0.0188 | 0.2681 | 7.8000e-004 | 0.7889 | 5.8000e-004 | 0.7894 | 0.1936 | 5.8000e-004 | 0.1942 | 0.0000 | 37.3542 | 37.3542 | 1.2600e-003 | 0.0000 | 37.3856 |
| 2084 | 20.4781 | 0.0000 | 0.0000 | 3.9000e-004 | 0.8889 | 0.0000 | 0.8889 | 0.2182 | 0.0000 | 0.2182 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 2085 | 13.3895 | 0.0000 | 0.0000 | 2.5000e-004 | 0.5812 | 0.0000 | 0.5812 | 0.1427 | 0.0000 | 0.1427 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Maximum | 20.4781 | 8.6457 | 7.6671 | 0.0658 | 5.8806 | 0.0222 | 5.9028 | 1.5796 | 0.0208 | 1.6004 | 0.0000 | 5,832.752 3 | 5,832.752 3 | 0.2015 | 0.0000 | 5,837.789 3 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|--------------|--------------|--------------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|-------------|--------------|--------------|--------------|-------------|--------------|
| Percent Reduction | 10.35 | 38.07 | 32.65 | 0.00 | 3.09 | 61.74 | 3.28 | 4.25 | 62.54 | 4.98 | 0.00 | 17.17 | 17.17 | 17.02 | 0.00 | 17.17 |

| Quarter | Start Date | End Date | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|-----------|--|--|
| 1 | 1-2-2040 | 4-1-2040 | 0.3252 | 0.0822 |
| 2 | 4-2-2040 | 7-1-2040 | 0.3251 | 0.0821 |
| 3 | 7-2-2040 | 10-1-2040 | 0.3287 | 0.0830 |
| 4 | 10-2-2040 | 1-1-2041 | 0.3288 | 0.0831 |
| 5 | 1-2-2041 | 4-1-2041 | 0.3217 | 0.0813 |
| 6 | 4-2-2041 | 7-1-2041 | 0.3277 | 0.0967 |
| 7 | 7-2-2041 | 10-1-2041 | 0.3339 | 0.1128 |

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| | | | | |
|----|-----------|-----------|--------|--------|
| 8 | 10-2-2041 | 1-1-2042 | 0.3340 | 0.1129 |
| 9 | 1-2-2042 | 4-1-2042 | 0.3267 | 0.1105 |
| 10 | 4-2-2042 | 7-1-2042 | 0.3302 | 0.1116 |
| 11 | 7-2-2042 | 10-1-2042 | 0.3339 | 0.1128 |
| 12 | 10-2-2042 | 1-1-2043 | 0.3340 | 0.1129 |
| 13 | 1-2-2043 | 4-1-2043 | 0.3267 | 0.1105 |
| 14 | 4-2-2043 | 7-1-2043 | 0.3302 | 0.1116 |
| 15 | 7-2-2043 | 10-1-2043 | 0.3339 | 0.1128 |
| 16 | 10-2-2043 | 1-1-2044 | 0.3340 | 0.1129 |
| 17 | 1-2-2044 | 4-1-2044 | 0.3304 | 0.1117 |
| 18 | 4-2-2044 | 7-1-2044 | 0.3302 | 0.1116 |
| 19 | 7-2-2044 | 10-1-2044 | 0.3339 | 0.1128 |
| 20 | 10-2-2044 | 1-1-2045 | 0.9149 | 0.6871 |
| 21 | 1-2-2045 | 4-1-2045 | 2.5597 | 2.3168 |
| 22 | 4-2-2045 | 7-1-2045 | 2.5698 | 2.3242 |
| 23 | 7-2-2045 | 10-1-2045 | 2.5982 | 2.3500 |
| 24 | 10-2-2045 | 1-1-2046 | 2.6168 | 2.3685 |
| 25 | 1-2-2046 | 4-1-2046 | 2.5597 | 2.3168 |
| 26 | 4-2-2046 | 7-1-2046 | 2.5698 | 2.3242 |
| 27 | 7-2-2046 | 10-1-2046 | 2.5982 | 2.3500 |
| 28 | 10-2-2046 | 1-1-2047 | 2.6168 | 2.3685 |
| 29 | 1-2-2047 | 4-1-2047 | 2.5597 | 2.3168 |
| 30 | 4-2-2047 | 7-1-2047 | 2.5698 | 2.3242 |
| 31 | 7-2-2047 | 10-1-2047 | 2.5982 | 2.3500 |
| 32 | 10-2-2047 | 1-1-2048 | 2.6168 | 2.3685 |
| 33 | 1-2-2048 | 4-1-2048 | 2.5881 | 2.3425 |
| 34 | 4-2-2048 | 7-1-2048 | 2.5698 | 2.3242 |

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| | | | | |
|----|-----------|-----------|--------|--------|
| 35 | 7-2-2048 | 10-1-2048 | 2.5982 | 2.3500 |
| 36 | 10-2-2048 | 1-1-2049 | 2.6168 | 2.3685 |
| 37 | 1-2-2049 | 4-1-2049 | 2.5597 | 2.3168 |
| 38 | 4-2-2049 | 7-1-2049 | 2.5698 | 2.3242 |
| 39 | 7-2-2049 | 10-1-2049 | 2.5982 | 2.3500 |
| 40 | 10-2-2049 | 1-1-2050 | 2.6165 | 2.3683 |
| 41 | 1-2-2050 | 4-1-2050 | 2.5413 | 2.2984 |
| 42 | 4-2-2050 | 7-1-2050 | 2.5512 | 2.3057 |
| 43 | 7-2-2050 | 10-1-2050 | 2.5795 | 2.3312 |
| 44 | 10-2-2050 | 1-1-2051 | 2.5726 | 2.3244 |
| 45 | 1-2-2051 | 4-1-2051 | 0.2599 | 0.0171 |
| 46 | 4-2-2051 | 7-1-2051 | 0.2628 | 0.0173 |
| 47 | 7-2-2051 | 10-1-2051 | 0.2657 | 0.0175 |
| 48 | 10-2-2051 | 1-1-2052 | 0.2657 | 0.0175 |
| 49 | 1-2-2052 | 4-1-2052 | 0.2628 | 0.0173 |
| 50 | 4-2-2052 | 7-1-2052 | 0.2628 | 0.0173 |
| 51 | 7-2-2052 | 10-1-2052 | 0.2657 | 0.0175 |
| 52 | 10-2-2052 | 1-1-2053 | 0.2657 | 0.0175 |
| 53 | 1-2-2053 | 4-1-2053 | 0.2599 | 0.0171 |
| 54 | 4-2-2053 | 7-1-2053 | 0.2628 | 0.0173 |
| 55 | 7-2-2053 | 10-1-2053 | 0.2657 | 0.0175 |
| 56 | 10-2-2053 | 1-1-2054 | 0.2657 | 0.0175 |
| 57 | 1-2-2054 | 4-1-2054 | 0.2599 | 0.0171 |
| 58 | 4-2-2054 | 7-1-2054 | 0.2628 | 0.0173 |
| 59 | 7-2-2054 | 10-1-2054 | 0.2657 | 0.0175 |
| 60 | 10-2-2054 | 1-1-2055 | 0.2657 | 0.0175 |
| 61 | 1-2-2055 | 4-1-2055 | 0.2599 | 0.0171 |

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| | | | | |
|----|-----------|-----------|--------|--------|
| 62 | 4-2-2055 | 7-1-2055 | 0.2628 | 0.0173 |
| 63 | 7-2-2055 | 10-1-2055 | 0.2657 | 0.0175 |
| 64 | 10-2-2055 | 1-1-2056 | 0.2657 | 0.0175 |
| 65 | 1-2-2056 | 4-1-2056 | 0.2628 | 0.0173 |
| 66 | 4-2-2056 | 7-1-2056 | 0.2628 | 0.0173 |
| 67 | 7-2-2056 | 10-1-2056 | 0.2657 | 0.0175 |
| 68 | 10-2-2056 | 1-1-2057 | 0.2657 | 0.0175 |
| 69 | 1-2-2057 | 4-1-2057 | 0.2599 | 0.0171 |
| 70 | 4-2-2057 | 7-1-2057 | 0.2628 | 0.0173 |
| 71 | 7-2-2057 | 10-1-2057 | 0.2657 | 0.0175 |
| 72 | 10-2-2057 | 1-1-2058 | 0.2657 | 0.0175 |
| 73 | 1-2-2058 | 4-1-2058 | 0.2599 | 0.0171 |
| 74 | 4-2-2058 | 7-1-2058 | 0.2628 | 0.0173 |
| 75 | 7-2-2058 | 10-1-2058 | 0.2657 | 0.0175 |
| 76 | 10-2-2058 | 1-1-2059 | 0.2657 | 0.0175 |
| 77 | 1-2-2059 | 4-1-2059 | 0.2599 | 0.0171 |
| 78 | 4-2-2059 | 7-1-2059 | 0.2628 | 0.0173 |
| 79 | 7-2-2059 | 10-1-2059 | 0.2657 | 0.0175 |
| 80 | 10-2-2059 | 1-1-2060 | 0.2657 | 0.0175 |
| 81 | 1-2-2060 | 4-1-2060 | 0.2628 | 0.0173 |
| 82 | 4-2-2060 | 7-1-2060 | 0.2628 | 0.0173 |
| 83 | 7-2-2060 | 10-1-2060 | 0.2657 | 0.0175 |
| 84 | 10-2-2060 | 1-1-2061 | 0.2657 | 0.0175 |
| 85 | 1-2-2061 | 4-1-2061 | 0.2599 | 0.0171 |
| 86 | 4-2-2061 | 7-1-2061 | 0.2628 | 0.0173 |
| 87 | 7-2-2061 | 10-1-2061 | 0.2657 | 0.0175 |
| 88 | 10-2-2061 | 1-1-2062 | 0.2657 | 0.0175 |

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| | | | | |
|-----|-----------|-----------|--------|--------|
| 89 | 1-2-2062 | 4-1-2062 | 0.2599 | 0.0171 |
| 90 | 4-2-2062 | 7-1-2062 | 0.2628 | 0.0173 |
| 91 | 7-2-2062 | 10-1-2062 | 0.2657 | 0.0175 |
| 92 | 10-2-2062 | 1-1-2063 | 0.2657 | 0.0175 |
| 93 | 1-2-2063 | 4-1-2063 | 0.2599 | 0.0171 |
| 94 | 4-2-2063 | 7-1-2063 | 0.2628 | 0.0173 |
| 95 | 7-2-2063 | 10-1-2063 | 0.2657 | 0.0175 |
| 96 | 10-2-2063 | 1-1-2064 | 0.2657 | 0.0175 |
| 97 | 1-2-2064 | 4-1-2064 | 0.2628 | 0.0173 |
| 98 | 4-2-2064 | 7-1-2064 | 0.2628 | 0.0173 |
| 99 | 7-2-2064 | 10-1-2064 | 0.2657 | 0.0175 |
| 100 | 10-2-2064 | 1-1-2065 | 0.2657 | 0.0175 |
| 101 | 1-2-2065 | 4-1-2065 | 0.2599 | 0.0171 |
| 102 | 4-2-2065 | 7-1-2065 | 0.2628 | 0.0173 |
| 103 | 7-2-2065 | 10-1-2065 | 0.2657 | 0.0175 |
| 104 | 10-2-2065 | 1-1-2066 | 0.2657 | 0.0175 |
| 105 | 1-2-2066 | 4-1-2066 | 0.2599 | 0.0171 |
| 106 | 4-2-2066 | 7-1-2066 | 0.2628 | 0.0173 |
| 107 | 7-2-2066 | 10-1-2066 | 0.2657 | 0.0175 |
| 108 | 10-2-2066 | 1-1-2067 | 0.2657 | 0.0175 |
| 109 | 1-2-2067 | 4-1-2067 | 0.2599 | 0.0171 |
| 110 | 4-2-2067 | 7-1-2067 | 0.2628 | 0.0173 |
| 111 | 7-2-2067 | 10-1-2067 | 0.2657 | 0.0175 |
| 112 | 10-2-2067 | 1-1-2068 | 0.2657 | 0.0175 |
| 113 | 1-2-2068 | 4-1-2068 | 0.2628 | 0.0173 |
| 114 | 4-2-2068 | 7-1-2068 | 0.2628 | 0.0173 |
| 115 | 7-2-2068 | 10-1-2068 | 0.2657 | 0.0175 |

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| | | | | |
|-----|-----------|-----------|--------|--------|
| 116 | 10-2-2068 | 1-1-2069 | 0.2657 | 0.0175 |
| 117 | 1-2-2069 | 4-1-2069 | 0.2599 | 0.0171 |
| 118 | 4-2-2069 | 7-1-2069 | 0.2628 | 0.0173 |
| 119 | 7-2-2069 | 10-1-2069 | 0.2657 | 0.0175 |
| 120 | 10-2-2069 | 1-1-2070 | 0.2657 | 0.0175 |
| 121 | 1-2-2070 | 4-1-2070 | 0.2599 | 0.0171 |
| 122 | 4-2-2070 | 7-1-2070 | 0.2628 | 0.0173 |
| 123 | 7-2-2070 | 10-1-2070 | 0.2657 | 0.0175 |
| 124 | 10-2-2070 | 1-1-2071 | 0.2657 | 0.0175 |
| 125 | 1-2-2071 | 4-1-2071 | 0.2599 | 0.0171 |
| 126 | 4-2-2071 | 7-1-2071 | 0.2628 | 0.0173 |
| 127 | 7-2-2071 | 10-1-2071 | 0.2657 | 0.0175 |
| 128 | 10-2-2071 | 1-1-2072 | 0.2657 | 0.0175 |
| 129 | 1-2-2072 | 4-1-2072 | 0.2628 | 0.0173 |
| 130 | 4-2-2072 | 7-1-2072 | 0.2628 | 0.0173 |
| 131 | 7-2-2072 | 10-1-2072 | 0.2657 | 0.0175 |
| 132 | 10-2-2072 | 1-1-2073 | 0.2657 | 0.0175 |
| 133 | 1-2-2073 | 4-1-2073 | 0.2599 | 0.0171 |
| 134 | 4-2-2073 | 7-1-2073 | 0.2628 | 0.0173 |
| 135 | 7-2-2073 | 10-1-2073 | 0.2657 | 0.0175 |
| 136 | 10-2-2073 | 1-1-2074 | 0.2657 | 0.0175 |
| 137 | 1-2-2074 | 4-1-2074 | 0.2599 | 0.0171 |
| 138 | 4-2-2074 | 7-1-2074 | 0.2628 | 0.0173 |
| 139 | 7-2-2074 | 10-1-2074 | 0.2657 | 0.0175 |
| 140 | 10-2-2074 | 1-1-2075 | 0.2657 | 0.0175 |
| 141 | 1-2-2075 | 4-1-2075 | 0.2599 | 0.0171 |
| 142 | 4-2-2075 | 7-1-2075 | 0.2628 | 0.0173 |

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| | | | | |
|-----|-----------|-----------|--------|--------|
| 143 | 7-2-2075 | 10-1-2075 | 0.2657 | 0.0175 |
| 144 | 10-2-2075 | 1-1-2076 | 0.2657 | 0.0175 |
| 145 | 1-2-2076 | 4-1-2076 | 0.2628 | 0.0173 |
| 146 | 4-2-2076 | 7-1-2076 | 0.2628 | 0.0173 |
| 147 | 7-2-2076 | 10-1-2076 | 0.2657 | 0.0175 |
| 148 | 10-2-2076 | 1-1-2077 | 0.2657 | 0.0175 |
| 149 | 1-2-2077 | 4-1-2077 | 0.2599 | 0.0171 |
| 150 | 4-2-2077 | 7-1-2077 | 0.2628 | 0.0173 |
| 151 | 7-2-2077 | 10-1-2077 | 0.2657 | 0.0175 |
| 152 | 10-2-2077 | 1-1-2078 | 0.2657 | 0.0175 |
| 153 | 1-2-2078 | 4-1-2078 | 0.2599 | 0.0171 |
| 154 | 4-2-2078 | 7-1-2078 | 0.2628 | 0.0173 |
| 155 | 7-2-2078 | 10-1-2078 | 0.2657 | 0.0175 |
| 156 | 10-2-2078 | 1-1-2079 | 0.2657 | 0.0175 |
| 157 | 1-2-2079 | 4-1-2079 | 0.2599 | 0.0171 |
| 158 | 4-2-2079 | 7-1-2079 | 0.2628 | 0.0173 |
| 159 | 7-2-2079 | 10-1-2079 | 0.2657 | 0.0175 |
| 160 | 10-2-2079 | 1-1-2080 | 0.2657 | 0.0175 |
| 161 | 1-2-2080 | 4-1-2080 | 0.2628 | 0.0173 |
| 162 | 4-2-2080 | 7-1-2080 | 0.2628 | 0.0173 |
| 163 | 7-2-2080 | 10-1-2080 | 0.1925 | 0.0381 |
| 164 | 10-2-2080 | 1-1-2081 | 0.1534 | 0.0491 |
| 165 | 1-2-2081 | 4-1-2081 | 0.1500 | 0.0481 |
| 166 | 4-2-2081 | 7-1-2081 | 0.1517 | 0.0486 |
| 167 | 7-2-2081 | 10-1-2081 | 0.1534 | 0.0491 |
| 168 | 10-2-2081 | 1-1-2082 | 0.1534 | 0.0491 |
| 169 | 1-2-2082 | 4-1-2082 | 0.1500 | 0.0481 |

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| | | | | |
|-----|-----------|-----------|--------|--------|
| 170 | 4-2-2082 | 7-1-2082 | 0.1517 | 0.0486 |
| 171 | 7-2-2082 | 10-1-2082 | 0.1534 | 0.0491 |
| 172 | 10-2-2082 | 1-1-2083 | 0.1534 | 0.0491 |
| 173 | 1-2-2083 | 4-1-2083 | 2.7849 | 2.7228 |
| 174 | 4-2-2083 | 7-1-2083 | 5.1469 | 5.1195 |
| 175 | 7-2-2083 | 10-1-2083 | 5.2034 | 5.1758 |
| 176 | 10-2-2083 | 1-1-2084 | 5.2034 | 5.1758 |
| 177 | 1-2-2084 | 4-1-2084 | 5.1469 | 5.1195 |
| 178 | 4-2-2084 | 7-1-2084 | 5.1469 | 5.1195 |
| 179 | 7-2-2084 | 10-1-2084 | 5.2034 | 5.1758 |
| 180 | 10-2-2084 | 1-1-2085 | 5.2034 | 5.1758 |
| 181 | 1-2-2085 | 4-1-2085 | 5.0903 | 5.0633 |
| 182 | 4-2-2085 | 7-1-2085 | 5.1469 | 5.1195 |
| 183 | 7-2-2085 | 9-30-2085 | 3.0542 | 3.0380 |
| | | Highest | 5.2034 | 5.1758 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

2.2 Overall Operational

Unmitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|-----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|--------------------|--------------------|----------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 41.8050 | 3.5197 | 144.0417 | 0.3938 | | 19.4568 | 19.4568 | | 19.4568 | 19.4568 | 2,571.9803 | 1,549.8011 | 4,121.7815 | 12.0926 | 0.0276 | 4,432.3337 |
| Energy | 0.4729 | 4.0770 | 1.9812 | 0.0258 | | 0.3267 | 0.3267 | | 0.3267 | 0.3267 | 0.0000 | 9,585.1291 | 9,585.1291 | 0.5223 | 0.1753 | 9,650.4292 |
| Mobile | 5.8958 | 66.2341 | 69.2820 | 0.5171 | 45.9938 | 0.1786 | 46.1725 | 12.3291 | 0.1672 | 12.4963 | 0.0000 | 48,112.1621 | 48,112.1621 | 2.2125 | 0.0000 | 48,167.4746 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 748.5677 | 0.0000 | 748.5677 | 44.2391 | 0.0000 | 1,854.5449 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 95.8667 | 375.4405 | 471.3072 | 9.8795 | 0.2394 | 789.6210 |
| Total | 48.1737 | 73.8307 | 215.3049 | 0.9367 | 45.9938 | 19.9621 | 65.9559 | 12.3291 | 19.9507 | 32.2798 | 3,416.4148 | 59,622.5328 | 63,038.9476 | 68.9461 | 0.4423 | 64,894.4033 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

2.2 Overall Operational

Mitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|-----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|--------------------|--------------------|----------------|---------------|--------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 41.8050 | 3.5197 | 144.0417 | 0.3938 | | 19.4568 | 19.4568 | | 19.4568 | 19.4568 | 2,571.9803 | 1,549.8011 | 4,121.7815 | 12.0926 | 0.0276 | 4,432.3337 |
| Energy | 0.4455 | 3.8409 | 1.8666 | 0.0243 | | 0.3078 | 0.3078 | | 0.3078 | 0.3078 | 0.0000 | 9,182.9081 | 9,182.9081 | 0.5056 | 0.1680 | 9,245.5950 |
| Mobile | 5.9533 | 66.5688 | 70.2253 | 0.5241 | 46.7140 | 0.1812 | 46.8952 | 12.5221 | 0.1697 | 12.6918 | 0.0000 | 48,766.2452 | 48,766.2452 | 2.2246 | 0.0000 | 48,821.8609 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 561.4258 | 0.0000 | 561.4258 | 33.1793 | 0.0000 | 1,390.9087 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 76.6934 | 326.6690 | 403.3623 | 7.9060 | 0.1920 | 658.2146 |
| Total | 48.2039 | 73.9293 | 216.1336 | 0.9422 | 46.7140 | 19.9458 | 66.6598 | 12.5221 | 19.9342 | 32.4563 | 3,210.0995 | 59,825.6234 | 63,035.7229 | 55.9081 | 0.3876 | 64,548.9128 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------|-------|-------|-------|-------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|-------|-------|------|
| Percent Reduction | -0.06 | -0.13 | -0.38 | -0.59 | -1.57 | 0.08 | -1.07 | -1.57 | 0.08 | -0.55 | 6.04 | -0.34 | 0.01 | 18.91 | 12.38 | 0.53 |

3.0 Construction Detail

Construction Phase

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|-----------|---------------|----------|-------------------|
| 1 | Site Preparation | Site Preparation | 1/2/2040 | 5/17/2041 | 5 | 360 | |
| 2 | Grading | Grading | 5/18/2041 | 12/9/2044 | 5 | 930 | |
| 3 | Building Construction | Building Construction | 12/10/2044 | 8/2/2080 | 5 | 9300 | |
| 4 | Paving | Paving | 8/3/2080 | 2/12/2083 | 5 | 660 | |
| 5 | Architectural Coating | Architectural Coating | 2/13/2083 | 8/24/2085 | 5 | 660 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 2325

Acres of Paving: 0

Residential Indoor: 9,634,140; Residential Outdoor: 3,211,380; Non-Residential Indoor: 1,581,124; Non-Residential Outdoor: 527,041; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Site Preparation | Rubber Tired Dozers | 3 | 8.00 | 247 | 0.40 |
| Site Preparation | Tractors/Loaders/Backhoes | 4 | 8.00 | 97 | 0.37 |
| Grading | Excavators | 2 | 8.00 | 158 | 0.38 |
| Grading | Graders | 1 | 8.00 | 187 | 0.41 |
| Grading | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Grading | Scrapers | 2 | 8.00 | 367 | 0.48 |
| Grading | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Building Construction | Cranes | 1 | 7.00 | 231 | 0.29 |
| Building Construction | Forklifts | 3 | 8.00 | 89 | 0.20 |
| Building Construction | Generator Sets | 1 | 8.00 | 84 | 0.74 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97 | 0.37 |
| Building Construction | Welders | 1 | 8.00 | 46 | 0.45 |
| Paving | Pavers | 2 | 8.00 | 130 | 0.42 |
| Paving | Paving Equipment | 2 | 8.00 | 132 | 0.36 |
| Paving | Rollers | 2 | 8.00 | 80 | 0.38 |
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 3,189.00 | 902.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 638.00 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | LD_Mix | HDT_Mix | HHDT |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

3.1 Mitigation Measures Construction

- Use Alternative Fuel for Construction Equipment
- Use Cleaner Engines for Construction Equipment
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2040

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.3577 | 0.0000 | 2.3577 | 1.2960 | 0.0000 | 1.2960 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.2565 | 1.0433 | 2.0593 | 6.0800e-003 | | 0.0264 | 0.0264 | | 0.0264 | 0.0264 | 0.0000 | 522.0602 | 522.0602 | 0.0202 | 0.0000 | 522.5654 |
| Total | 0.2565 | 1.0433 | 2.0593 | 6.0800e-003 | 2.3577 | 0.0264 | 2.3841 | 1.2960 | 0.0264 | 1.3224 | 0.0000 | 522.0602 | 522.0602 | 0.0202 | 0.0000 | 522.5654 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

3.2 Site Preparation - 2040

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.4500e-003 | 2.1700e-003 | 0.0332 | 1.9000e-004 | 0.0291 | 8.0000e-005 | 0.0292 | 7.7300e-003 | 8.0000e-005 | 7.8100e-003 | 0.0000 | 17.0992 | 17.0992 | 1.6000e-004 | 0.0000 | 17.1032 |
| Total | 3.4500e-003 | 2.1700e-003 | 0.0332 | 1.9000e-004 | 0.0291 | 8.0000e-005 | 0.0292 | 7.7300e-003 | 8.0000e-005 | 7.8100e-003 | 0.0000 | 17.0992 | 17.0992 | 1.6000e-004 | 0.0000 | 17.1032 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.0609 | 0.0000 | 1.0609 | 0.5832 | 0.0000 | 0.5832 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0608 | 0.2633 | 2.7234 | 6.0800e-003 | | 8.1000e-003 | 8.1000e-003 | | 8.1000e-003 | 8.1000e-003 | 0.0000 | 522.0596 | 522.0596 | 0.0202 | 0.0000 | 522.5648 |
| Total | 0.0608 | 0.2633 | 2.7234 | 6.0800e-003 | 1.0609 | 8.1000e-003 | 1.0690 | 0.5832 | 8.1000e-003 | 0.5913 | 0.0000 | 522.0596 | 522.0596 | 0.0202 | 0.0000 | 522.5648 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

3.2 Site Preparation - 2040

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.4500e-003 | 2.1700e-003 | 0.0332 | 1.9000e-004 | 0.0291 | 8.0000e-005 | 0.0292 | 7.7300e-003 | 8.0000e-005 | 7.8100e-003 | 0.0000 | 17.0992 | 17.0992 | 1.6000e-004 | 0.0000 | 17.1032 |
| Total | 3.4500e-003 | 2.1700e-003 | 0.0332 | 1.9000e-004 | 0.0291 | 8.0000e-005 | 0.0292 | 7.7300e-003 | 8.0000e-005 | 7.8100e-003 | 0.0000 | 17.0992 | 17.0992 | 1.6000e-004 | 0.0000 | 17.1032 |

3.2 Site Preparation - 2041

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.8943 | 0.0000 | 0.8943 | 0.4916 | 0.0000 | 0.4916 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0973 | 0.3957 | 0.7811 | 2.3000e-003 | | 0.0100 | 0.0100 | | 0.0100 | 0.0100 | 0.0000 | 198.0228 | 198.0228 | 7.6700e-003 | 0.0000 | 198.2145 |
| Total | 0.0973 | 0.3957 | 0.7811 | 2.3000e-003 | 0.8943 | 0.0100 | 0.9043 | 0.4916 | 0.0100 | 0.5016 | 0.0000 | 198.0228 | 198.0228 | 7.6700e-003 | 0.0000 | 198.2145 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

3.2 Site Preparation - 2041

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 1.3100e-003 | 8.2000e-004 | 0.0126 | 7.0000e-005 | 0.0110 | 3.0000e-005 | 0.0111 | 2.9300e-003 | 3.0000e-005 | 2.9600e-003 | 0.0000 | 6.4859 | 6.4859 | 6.0000e-005 | 0.0000 | 6.4874 |
| Total | 1.3100e-003 | 8.2000e-004 | 0.0126 | 7.0000e-005 | 0.0110 | 3.0000e-005 | 0.0111 | 2.9300e-003 | 3.0000e-005 | 2.9600e-003 | 0.0000 | 6.4859 | 6.4859 | 6.0000e-005 | 0.0000 | 6.4874 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.4024 | 0.0000 | 0.4024 | 0.2212 | 0.0000 | 0.2212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0231 | 0.0999 | 1.0330 | 2.3000e-003 | | 3.0700e-003 | 3.0700e-003 | | 3.0700e-003 | 3.0700e-003 | 0.0000 | 198.0226 | 198.0226 | 7.6700e-003 | 0.0000 | 198.2142 |
| Total | 0.0231 | 0.0999 | 1.0330 | 2.3000e-003 | 0.4024 | 3.0700e-003 | 0.4055 | 0.2212 | 3.0700e-003 | 0.2243 | 0.0000 | 198.0226 | 198.0226 | 7.6700e-003 | 0.0000 | 198.2142 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

3.2 Site Preparation - 2041

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 1.3100e-003 | 8.2000e-004 | 0.0126 | 7.0000e-005 | 0.0110 | 3.0000e-005 | 0.0111 | 2.9300e-003 | 3.0000e-005 | 2.9600e-003 | 0.0000 | 6.4859 | 6.4859 | 6.0000e-005 | 0.0000 | 6.4874 |
| Total | 1.3100e-003 | 8.2000e-004 | 0.0126 | 7.0000e-005 | 0.0110 | 3.0000e-005 | 0.0111 | 2.9300e-003 | 3.0000e-005 | 2.9600e-003 | 0.0000 | 6.4859 | 6.4859 | 6.0000e-005 | 0.0000 | 6.4874 |

3.3 Grading - 2041

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.7206 | 0.0000 | 1.7206 | 0.4013 | 0.0000 | 0.4013 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.2207 | 0.5985 | 1.8073 | 5.6700e-003 | | 0.0182 | 0.0182 | | 0.0182 | 0.0182 | 0.0000 | 530.0334 | 530.0334 | 0.0174 | 0.0000 | 530.4688 |
| Total | 0.2207 | 0.5985 | 1.8073 | 5.6700e-003 | 1.7206 | 0.0182 | 1.7389 | 0.4013 | 0.0182 | 0.4195 | 0.0000 | 530.0334 | 530.0334 | 0.0174 | 0.0000 | 530.4688 |

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3.3 Grading - 2041

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.3800e-003 | 1.5000e-003 | 0.0229 | 1.3000e-004 | 0.0201 | 6.0000e-005 | 0.0201 | 5.3300e-003 | 5.0000e-005 | 5.3900e-003 | 0.0000 | 11.7925 | 11.7925 | 1.1000e-004 | 0.0000 | 11.7953 |
| Total | 2.3800e-003 | 1.5000e-003 | 0.0229 | 1.3000e-004 | 0.0201 | 6.0000e-005 | 0.0201 | 5.3300e-003 | 5.0000e-005 | 5.3900e-003 | 0.0000 | 11.7925 | 11.7925 | 1.1000e-004 | 0.0000 | 11.7953 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.7743 | 0.0000 | 0.7743 | 0.1806 | 0.0000 | 0.1806 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0514 | 0.2227 | 2.0382 | 5.6700e-003 | | 6.8500e-003 | 6.8500e-003 | | 6.8500e-003 | 6.8500e-003 | 0.0000 | 441.5921 | 441.5921 | 0.0148 | 0.0000 | 441.9614 |
| Total | 0.0514 | 0.2227 | 2.0382 | 5.6700e-003 | 0.7743 | 6.8500e-003 | 0.7811 | 0.1806 | 6.8500e-003 | 0.1874 | 0.0000 | 441.5921 | 441.5921 | 0.0148 | 0.0000 | 441.9614 |

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3.3 Grading - 2041

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.3800e-003 | 1.5000e-003 | 0.0229 | 1.3000e-004 | 0.0201 | 6.0000e-005 | 0.0201 | 5.3300e-003 | 5.0000e-005 | 5.3900e-003 | 0.0000 | 11.7925 | 11.7925 | 1.1000e-004 | 0.0000 | 11.7953 |
| Total | 2.3800e-003 | 1.5000e-003 | 0.0229 | 1.3000e-004 | 0.0201 | 6.0000e-005 | 0.0201 | 5.3300e-003 | 5.0000e-005 | 5.3900e-003 | 0.0000 | 11.7925 | 11.7925 | 1.1000e-004 | 0.0000 | 11.7953 |

3.3 Grading - 2042

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.0187 | 0.0000 | 2.0187 | 0.5651 | 0.0000 | 0.5651 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3555 | 0.9642 | 2.9117 | 9.1300e-003 | | 0.0294 | 0.0294 | | 0.0294 | 0.0294 | 0.0000 | 853.9427 | 853.9427 | 0.0281 | 0.0000 | 854.6442 |
| Total | 0.3555 | 0.9642 | 2.9117 | 9.1300e-003 | 2.0187 | 0.0294 | 2.0481 | 0.5651 | 0.0294 | 0.5945 | 0.0000 | 853.9427 | 853.9427 | 0.0281 | 0.0000 | 854.6442 |

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3.3 Grading - 2042

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.8300e-003 | 2.4100e-003 | 0.0369 | 2.1000e-004 | 0.0323 | 9.0000e-005 | 0.0324 | 8.5900e-003 | 9.0000e-005 | 8.6800e-003 | 0.0000 | 18.9991 | 18.9991 | 1.8000e-004 | 0.0000 | 19.0036 |
| Total | 3.8300e-003 | 2.4100e-003 | 0.0369 | 2.1000e-004 | 0.0323 | 9.0000e-005 | 0.0324 | 8.5900e-003 | 9.0000e-005 | 8.6800e-003 | 0.0000 | 18.9991 | 18.9991 | 1.8000e-004 | 0.0000 | 19.0036 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.9084 | 0.0000 | 0.9084 | 0.2543 | 0.0000 | 0.2543 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0828 | 0.3588 | 3.2838 | 9.1300e-003 | | 0.0110 | 0.0110 | | 0.0110 | 0.0110 | 0.0000 | 711.4539 | 711.4539 | 0.0238 | 0.0000 | 712.0489 |
| Total | 0.0828 | 0.3588 | 3.2838 | 9.1300e-003 | 0.9084 | 0.0110 | 0.9195 | 0.2543 | 0.0110 | 0.2653 | 0.0000 | 711.4539 | 711.4539 | 0.0238 | 0.0000 | 712.0489 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

3.3 Grading - 2042

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.8300e-003 | 2.4100e-003 | 0.0369 | 2.1000e-004 | 0.0323 | 9.0000e-005 | 0.0324 | 8.5900e-003 | 9.0000e-005 | 8.6800e-003 | 0.0000 | 18.9991 | 18.9991 | 1.8000e-004 | 0.0000 | 19.0036 |
| Total | 3.8300e-003 | 2.4100e-003 | 0.0369 | 2.1000e-004 | 0.0323 | 9.0000e-005 | 0.0324 | 8.5900e-003 | 9.0000e-005 | 8.6800e-003 | 0.0000 | 18.9991 | 18.9991 | 1.8000e-004 | 0.0000 | 19.0036 |

3.3 Grading - 2043

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 2.0187 | 0.0000 | 2.0187 | 0.5651 | 0.0000 | 0.5651 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3555 | 0.9642 | 2.9117 | 9.1300e-003 | | 0.0294 | 0.0294 | | 0.0294 | 0.0294 | 0.0000 | 853.9427 | 853.9427 | 0.0281 | 0.0000 | 854.6442 |
| Total | 0.3555 | 0.9642 | 2.9117 | 9.1300e-003 | 2.0187 | 0.0294 | 2.0481 | 0.5651 | 0.0294 | 0.5945 | 0.0000 | 853.9427 | 853.9427 | 0.0281 | 0.0000 | 854.6442 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

3.3 Grading - 2043

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.8300e-003 | 2.4100e-003 | 0.0369 | 2.1000e-004 | 0.0323 | 9.0000e-005 | 0.0324 | 8.5900e-003 | 9.0000e-005 | 8.6800e-003 | 0.0000 | 18.9991 | 18.9991 | 1.8000e-004 | 0.0000 | 19.0036 |
| Total | 3.8300e-003 | 2.4100e-003 | 0.0369 | 2.1000e-004 | 0.0323 | 9.0000e-005 | 0.0324 | 8.5900e-003 | 9.0000e-005 | 8.6800e-003 | 0.0000 | 18.9991 | 18.9991 | 1.8000e-004 | 0.0000 | 19.0036 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.9084 | 0.0000 | 0.9084 | 0.2543 | 0.0000 | 0.2543 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0828 | 0.3588 | 3.2838 | 9.1300e-003 | | 0.0110 | 0.0110 | | 0.0110 | 0.0110 | 0.0000 | 711.4539 | 711.4539 | 0.0238 | 0.0000 | 712.0489 |
| Total | 0.0828 | 0.3588 | 3.2838 | 9.1300e-003 | 0.9084 | 0.0110 | 0.9195 | 0.2543 | 0.0110 | 0.2653 | 0.0000 | 711.4539 | 711.4539 | 0.0238 | 0.0000 | 712.0489 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

3.3 Grading - 2043

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.8300e-003 | 2.4100e-003 | 0.0369 | 2.1000e-004 | 0.0323 | 9.0000e-005 | 0.0324 | 8.5900e-003 | 9.0000e-005 | 8.6800e-003 | 0.0000 | 18.9991 | 18.9991 | 1.8000e-004 | 0.0000 | 19.0036 |
| Total | 3.8300e-003 | 2.4100e-003 | 0.0369 | 2.1000e-004 | 0.0323 | 9.0000e-005 | 0.0324 | 8.5900e-003 | 9.0000e-005 | 8.6800e-003 | 0.0000 | 18.9991 | 18.9991 | 1.8000e-004 | 0.0000 | 19.0036 |

3.3 Grading - 2044

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.9736 | 0.0000 | 1.9736 | 0.5403 | 0.0000 | 0.5403 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3351 | 0.9088 | 2.7444 | 8.6000e-003 | | 0.0277 | 0.0277 | | 0.0277 | 0.0277 | 0.0000 | 804.8655 | 804.8655 | 0.0265 | 0.0000 | 805.5267 |
| Total | 0.3351 | 0.9088 | 2.7444 | 8.6000e-003 | 1.9736 | 0.0277 | 2.0012 | 0.5403 | 0.0277 | 0.5680 | 0.0000 | 804.8655 | 804.8655 | 0.0265 | 0.0000 | 805.5267 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

3.3 Grading - 2044

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.6100e-003 | 2.2700e-003 | 0.0348 | 2.0000e-004 | 0.0305 | 9.0000e-005 | 0.0306 | 8.1000e-003 | 8.0000e-005 | 8.1800e-003 | 0.0000 | 17.9072 | 17.9072 | 1.7000e-004 | 0.0000 | 17.9114 |
| Total | 3.6100e-003 | 2.2700e-003 | 0.0348 | 2.0000e-004 | 0.0305 | 9.0000e-005 | 0.0306 | 8.1000e-003 | 8.0000e-005 | 8.1800e-003 | 0.0000 | 17.9072 | 17.9072 | 1.7000e-004 | 0.0000 | 17.9114 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 0.8881 | 0.0000 | 0.8881 | 0.2431 | 0.0000 | 0.2431 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0780 | 0.3382 | 3.0951 | 8.6000e-003 | | 0.0104 | 0.0104 | | 0.0104 | 0.0104 | 0.0000 | 670.5657 | 670.5657 | 0.0224 | 0.0000 | 671.1265 |
| Total | 0.0780 | 0.3382 | 3.0951 | 8.6000e-003 | 0.8881 | 0.0104 | 0.8985 | 0.2431 | 0.0104 | 0.2535 | 0.0000 | 670.5657 | 670.5657 | 0.0224 | 0.0000 | 671.1265 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

3.3 Grading - 2044

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.6100e-003 | 2.2700e-003 | 0.0348 | 2.0000e-004 | 0.0305 | 9.0000e-005 | 0.0306 | 8.1000e-003 | 8.0000e-005 | 8.1800e-003 | 0.0000 | 17.9072 | 17.9072 | 1.7000e-004 | 0.0000 | 17.9114 |
| Total | 3.6100e-003 | 2.2700e-003 | 0.0348 | 2.0000e-004 | 0.0305 | 9.0000e-005 | 0.0306 | 8.1000e-003 | 8.0000e-005 | 8.1800e-003 | 0.0000 | 17.9072 | 17.9072 | 1.7000e-004 | 0.0000 | 17.9114 |

3.4 Building Construction - 2044

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 8.9800e-003 | 0.0517 | 0.1209 | 2.3000e-004 | | 5.5000e-004 | 5.5000e-004 | | 5.5000e-004 | 5.5000e-004 | 0.0000 | 19.7146 | 19.7146 | 7.1000e-004 | 0.0000 | 19.7323 |
| Total | 8.9800e-003 | 0.0517 | 0.1209 | 2.3000e-004 | | 5.5000e-004 | 5.5000e-004 | | 5.5000e-004 | 5.5000e-004 | 0.0000 | 19.7146 | 19.7146 | 7.1000e-004 | 0.0000 | 19.7323 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

3.4 Building Construction - 2044

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0115 | 0.4744 | 0.0772 | 1.6500e-003 | 0.0405 | 4.2000e-004 | 0.0409 | 0.0117 | 4.0000e-004 | 0.0121 | 0.0000 | 156.3555 | 156.3555 | 0.0100 | 0.0000 | 156.6058 |
| Worker | 0.0351 | 0.0221 | 0.3382 | 1.9200e-003 | 0.2962 | 8.6000e-004 | 0.2971 | 0.0787 | 7.9000e-004 | 0.0795 | 0.0000 | 174.1036 | 174.1036 | 1.6600e-003 | 0.0000 | 174.1450 |
| Total | 0.0466 | 0.4965 | 0.4154 | 3.5700e-003 | 0.3367 | 1.2800e-003 | 0.3380 | 0.0904 | 1.1900e-003 | 0.0916 | 0.0000 | 330.4591 | 330.4591 | 0.0117 | 0.0000 | 330.7508 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 7.5000e-004 | 3.2400e-003 | 0.0461 | 2.3000e-004 | | 1.0000e-004 | 1.0000e-004 | | 1.0000e-004 | 1.0000e-004 | 0.0000 | 6.4248 | 6.4248 | 2.5000e-004 | 0.0000 | 6.4310 |
| Total | 7.5000e-004 | 3.2400e-003 | 0.0461 | 2.3000e-004 | | 1.0000e-004 | 1.0000e-004 | | 1.0000e-004 | 1.0000e-004 | 0.0000 | 6.4248 | 6.4248 | 2.5000e-004 | 0.0000 | 6.4310 |

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3.4 Building Construction - 2044

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0115 | 0.4744 | 0.0772 | 1.6500e-003 | 0.0405 | 4.2000e-004 | 0.0409 | 0.0117 | 4.0000e-004 | 0.0121 | 0.0000 | 156.3555 | 156.3555 | 0.0100 | 0.0000 | 156.6058 |
| Worker | 0.0351 | 0.0221 | 0.3382 | 1.9200e-003 | 0.2962 | 8.6000e-004 | 0.2971 | 0.0787 | 7.9000e-004 | 0.0795 | 0.0000 | 174.1036 | 174.1036 | 1.6600e-003 | 0.0000 | 174.1450 |
| Total | 0.0466 | 0.4965 | 0.4154 | 3.5700e-003 | 0.3367 | 1.2800e-003 | 0.3380 | 0.0904 | 1.1900e-003 | 0.0916 | 0.0000 | 330.4591 | 330.4591 | 0.0117 | 0.0000 | 330.7508 |

3.4 Building Construction - 2045

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

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3.4 Building Construction - 2045

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1992 | 8.1672 | 1.3339 | 0.0286 | 0.7012 | 7.3000e-003 | 0.7085 | 0.2027 | 6.9800e-003 | 0.2097 | 0.0000 | 2,709.3452 | 2,709.3452 | 0.1694 | 0.0000 | 2,713.5809 |
| Worker | 0.5299 | 0.3564 | 5.4755 | 0.0327 | 5.1345 | 0.0130 | 5.1475 | 1.3648 | 0.0120 | 1.3768 | 0.0000 | 2,967.5188 | 2,967.5188 | 0.0262 | 0.0000 | 2,968.1740 |
| Total | 0.7290 | 8.5236 | 6.8094 | 0.0613 | 5.8357 | 0.0203 | 5.8560 | 1.5675 | 0.0190 | 1.5865 | 0.0000 | 5,676.8641 | 5,676.8641 | 0.1956 | 0.0000 | 5,681.7549 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

3.4 Building Construction - 2045

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1992 | 8.1672 | 1.3339 | 0.0286 | 0.7012 | 7.3000e-003 | 0.7085 | 0.2027 | 6.9800e-003 | 0.2097 | 0.0000 | 2,709.3452 | 2,709.3452 | 0.1694 | 0.0000 | 2,713.5809 |
| Worker | 0.5299 | 0.3564 | 5.4755 | 0.0327 | 5.1345 | 0.0130 | 5.1475 | 1.3648 | 0.0120 | 1.3768 | 0.0000 | 2,967.5188 | 2,967.5188 | 0.0262 | 0.0000 | 2,968.1740 |
| Total | 0.7290 | 8.5236 | 6.8094 | 0.0613 | 5.8357 | 0.0203 | 5.8560 | 1.5675 | 0.0190 | 1.5865 | 0.0000 | 5,676.8641 | 5,676.8641 | 0.1956 | 0.0000 | 5,681.7549 |

3.4 Building Construction - 2046

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

3.4 Building Construction - 2046

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1999 | 8.1986 | 1.3391 | 0.0287 | 0.7039 | 7.3300e-003 | 0.7113 | 0.2035 | 7.0000e-003 | 0.2105 | 0.0000 | 2,719.7658 | 2,719.7658 | 0.1701 | 0.0000 | 2,724.0177 |
| Worker | 0.5319 | 0.3577 | 5.4965 | 0.0329 | 5.1542 | 0.0131 | 5.1673 | 1.3700 | 0.0120 | 1.3821 | 0.0000 | 2,978.9323 | 2,978.9323 | 0.0263 | 0.0000 | 2,979.5901 |
| Total | 0.7318 | 8.5563 | 6.8356 | 0.0615 | 5.8582 | 0.0204 | 5.8786 | 1.5735 | 0.0190 | 1.5926 | 0.0000 | 5,698.6981 | 5,698.6981 | 0.1964 | 0.0000 | 5,703.6078 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

3.4 Building Construction - 2046

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1999 | 8.1986 | 1.3391 | 0.0287 | 0.7039 | 7.3300e-003 | 0.7113 | 0.2035 | 7.0000e-003 | 0.2105 | 0.0000 | 2,719.7658 | 2,719.7658 | 0.1701 | 0.0000 | 2,724.0177 |
| Worker | 0.5319 | 0.3577 | 5.4965 | 0.0329 | 5.1542 | 0.0131 | 5.1673 | 1.3700 | 0.0120 | 1.3821 | 0.0000 | 2,978.9323 | 2,978.9323 | 0.0263 | 0.0000 | 2,979.5901 |
| Total | 0.7318 | 8.5563 | 6.8356 | 0.0615 | 5.8582 | 0.0204 | 5.8786 | 1.5735 | 0.0190 | 1.5926 | 0.0000 | 5,698.6981 | 5,698.6981 | 0.1964 | 0.0000 | 5,703.6078 |

3.4 Building Construction - 2047

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

3.4 Building Construction - 2047

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1999 | 8.1986 | 1.3391 | 0.0287 | 0.7039 | 7.3300e-003 | 0.7113 | 0.2035 | 7.0000e-003 | 0.2105 | 0.0000 | 2,719.7658 | 2,719.7658 | 0.1701 | 0.0000 | 2,724.0177 |
| Worker | 0.5319 | 0.3577 | 5.4965 | 0.0329 | 5.1542 | 0.0131 | 5.1673 | 1.3700 | 0.0120 | 1.3821 | 0.0000 | 2,978.9323 | 2,978.9323 | 0.0263 | 0.0000 | 2,979.5901 |
| Total | 0.7318 | 8.5563 | 6.8356 | 0.0615 | 5.8582 | 0.0204 | 5.8786 | 1.5735 | 0.0190 | 1.5926 | 0.0000 | 5,698.6981 | 5,698.6981 | 0.1964 | 0.0000 | 5,703.6078 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

3.4 Building Construction - 2047

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1999 | 8.1986 | 1.3391 | 0.0287 | 0.7039 | 7.3300e-003 | 0.7113 | 0.2035 | 7.0000e-003 | 0.2105 | 0.0000 | 2,719.7658 | 2,719.7658 | 0.1701 | 0.0000 | 2,724.0177 |
| Worker | 0.5319 | 0.3577 | 5.4965 | 0.0329 | 5.1542 | 0.0131 | 5.1673 | 1.3700 | 0.0120 | 1.3821 | 0.0000 | 2,978.9323 | 2,978.9323 | 0.0263 | 0.0000 | 2,979.5901 |
| Total | 0.7318 | 8.5563 | 6.8356 | 0.0615 | 5.8582 | 0.0204 | 5.8786 | 1.5735 | 0.0190 | 1.5926 | 0.0000 | 5,698.6981 | 5,698.6981 | 0.1964 | 0.0000 | 5,703.6078 |

3.4 Building Construction - 2048

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |
| Total | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

3.4 Building Construction - 2048

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2007 | 8.2300 | 1.3442 | 0.0288 | 0.7066 | 7.3600e-003 | 0.7140 | 0.2043 | 7.0300e-003 | 0.2113 | 0.0000 | 2,730.1864 | 2,730.1864 | 0.1707 | 0.0000 | 2,734.4546 |
| Worker | 0.5340 | 0.3591 | 5.5176 | 0.0330 | 5.1740 | 0.0131 | 5.1871 | 1.3753 | 0.0121 | 1.3874 | 0.0000 | 2,990.3459 | 2,990.3459 | 0.0264 | 0.0000 | 2,991.0061 |
| Total | 0.7347 | 8.5891 | 6.8618 | 0.0618 | 5.8806 | 0.0205 | 5.9011 | 1.5796 | 0.0191 | 1.5987 | 0.0000 | 5,720.5322 | 5,720.5322 | 0.1971 | 0.0000 | 5,725.4607 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |
| Total | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

3.4 Building Construction - 2048

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2007 | 8.2300 | 1.3442 | 0.0288 | 0.7066 | 7.3600e-003 | 0.7140 | 0.2043 | 7.0300e-003 | 0.2113 | 0.0000 | 2,730.1864 | 2,730.1864 | 0.1707 | 0.0000 | 2,734.4546 |
| Worker | 0.5340 | 0.3591 | 5.5176 | 0.0330 | 5.1740 | 0.0131 | 5.1871 | 1.3753 | 0.0121 | 1.3874 | 0.0000 | 2,990.3459 | 2,990.3459 | 0.0264 | 0.0000 | 2,991.0061 |
| Total | 0.7347 | 8.5891 | 6.8618 | 0.0618 | 5.8806 | 0.0205 | 5.9011 | 1.5796 | 0.0191 | 1.5987 | 0.0000 | 5,720.5322 | 5,720.5322 | 0.1971 | 0.0000 | 5,725.4607 |

3.4 Building Construction - 2049

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

3.4 Building Construction - 2049

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1999 | 8.1986 | 1.3391 | 0.0287 | 0.7039 | 7.3300e-003 | 0.7113 | 0.2035 | 7.0000e-003 | 0.2105 | 0.0000 | 2,719.7658 | 2,719.7658 | 0.1701 | 0.0000 | 2,724.0177 |
| Worker | 0.5319 | 0.3577 | 5.4965 | 0.0329 | 5.1542 | 0.0131 | 5.1673 | 1.3700 | 0.0120 | 1.3821 | 0.0000 | 2,978.9323 | 2,978.9323 | 0.0263 | 0.0000 | 2,979.5901 |
| Total | 0.7318 | 8.5563 | 6.8356 | 0.0615 | 5.8582 | 0.0204 | 5.8786 | 1.5735 | 0.0190 | 1.5926 | 0.0000 | 5,698.6981 | 5,698.6981 | 0.1964 | 0.0000 | 5,703.6078 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

Village D Specific Plan - Phase III Operational (Phase III) - Madera County, Annual

3.4 Building Construction - 2049

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1999 | 8.1986 | 1.3391 | 0.0287 | 0.7039 | 7.3300e-003 | 0.7113 | 0.2035 | 7.0000e-003 | 0.2105 | 0.0000 | 2,719.7658 | 2,719.7658 | 0.1701 | 0.0000 | 2,724.0177 |
| Worker | 0.5319 | 0.3577 | 5.4965 | 0.0329 | 5.1542 | 0.0131 | 5.1673 | 1.3700 | 0.0120 | 1.3821 | 0.0000 | 2,978.9323 | 2,978.9323 | 0.0263 | 0.0000 | 2,979.5901 |
| Total | 0.7318 | 8.5563 | 6.8356 | 0.0615 | 5.8582 | 0.0204 | 5.8786 | 1.5735 | 0.0190 | 1.5926 | 0.0000 | 5,698.6981 | 5,698.6981 | 0.1964 | 0.0000 | 5,703.6078 |

3.4 Building Construction - 2050

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

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3.4 Building Construction - 2050

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1998 | 8.1225 | 1.3428 | 0.0286 | 0.7012 | 7.2800e-003 | 0.7085 | 0.2027 | 6.9600e-003 | 0.2097 | 0.0000 | 2,714.1187 | 2,714.1187 | 0.1650 | 0.0000 | 2,718.2434 |
| Worker | 0.5074 | 0.3500 | 5.3696 | 0.0326 | 5.1345 | 0.0124 | 5.1469 | 1.3648 | 0.0114 | 1.3762 | 0.0000 | 2,950.9789 | 2,950.9789 | 0.0256 | 0.0000 | 2,951.6193 |
| Total | 0.7072 | 8.4725 | 6.7125 | 0.0612 | 5.8357 | 0.0197 | 5.8554 | 1.5675 | 0.0183 | 1.5859 | 0.0000 | 5,665.0976 | 5,665.0976 | 0.1906 | 0.0000 | 5,669.8627 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

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3.4 Building Construction - 2050

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1998 | 8.1225 | 1.3428 | 0.0286 | 0.7012 | 7.2800e-003 | 0.7085 | 0.2027 | 6.9600e-003 | 0.2097 | 0.0000 | 2,714.1187 | 2,714.1187 | 0.1650 | 0.0000 | 2,718.2434 |
| Worker | 0.5074 | 0.3500 | 5.3696 | 0.0326 | 5.1345 | 0.0124 | 5.1469 | 1.3648 | 0.0114 | 1.3762 | 0.0000 | 2,950.9789 | 2,950.9789 | 0.0256 | 0.0000 | 2,951.6193 |
| Total | 0.7072 | 8.4725 | 6.7125 | 0.0612 | 5.8357 | 0.0197 | 5.8554 | 1.5675 | 0.0183 | 1.5859 | 0.0000 | 5,665.0976 | 5,665.0976 | 0.1906 | 0.0000 | 5,669.8627 |

3.4 Building Construction - 2051

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

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3.4 Building Construction - 2051

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

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3.4 Building Construction - 2051

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2052

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |
| Total | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |

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3.4 Building Construction - 2052

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4975 | 0.0000 | 0.4975 | 0.1221 | 0.0000 | 0.1221 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4775 | 0.0000 | 4.4775 | 1.0990 | 0.0000 | 1.0990 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9750 | 0.0000 | 4.9750 | 1.2211 | 0.0000 | 1.2211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |
| Total | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |

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3.4 Building Construction - 2052

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4975 | 0.0000 | 0.4975 | 0.1221 | 0.0000 | 0.1221 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4775 | 0.0000 | 4.4775 | 1.0990 | 0.0000 | 1.0990 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9750 | 0.0000 | 4.9750 | 1.2211 | 0.0000 | 1.2211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2053

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2053

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2053

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2054

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2054

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2054

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2055

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2055

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2055

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2056

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

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3.4 Building Construction - 2056

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

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3.4 Building Construction - 2056

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2057

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2057

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2057

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2058

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2058

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2058

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2059

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2059

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2059

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2060

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |
| Total | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |

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3.4 Building Construction - 2060

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4975 | 0.0000 | 0.4975 | 0.1221 | 0.0000 | 0.1221 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4775 | 0.0000 | 4.4775 | 1.0990 | 0.0000 | 1.0990 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9750 | 0.0000 | 4.9750 | 1.2211 | 0.0000 | 1.2211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |
| Total | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |

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3.4 Building Construction - 2060

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4975 | 0.0000 | 0.4975 | 0.1221 | 0.0000 | 0.1221 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4775 | 0.0000 | 4.4775 | 1.0990 | 0.0000 | 1.0990 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9750 | 0.0000 | 4.9750 | 1.2211 | 0.0000 | 1.2211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2061

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

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3.4 Building Construction - 2061

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

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3.4 Building Construction - 2061

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2062

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

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3.4 Building Construction - 2062

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

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3.4 Building Construction - 2062

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2063

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2063

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2063

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2064

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |
| Total | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |

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3.4 Building Construction - 2064

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4975 | 0.0000 | 0.4975 | 0.1221 | 0.0000 | 0.1221 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4775 | 0.0000 | 4.4775 | 1.0990 | 0.0000 | 1.0990 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9750 | 0.0000 | 4.9750 | 1.2211 | 0.0000 | 1.2211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |
| Total | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |

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3.4 Building Construction - 2064

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4975 | 0.0000 | 0.4975 | 0.1221 | 0.0000 | 0.1221 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4775 | 0.0000 | 4.4775 | 1.0990 | 0.0000 | 1.0990 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9750 | 0.0000 | 4.9750 | 1.2211 | 0.0000 | 1.2211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2065

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2065

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2065

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2066

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2066

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2066

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2067

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

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3.4 Building Construction - 2067

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

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3.4 Building Construction - 2067

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2068

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2068

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2068

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2069

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2069

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2069

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2070

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2070

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2070

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2071

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2071

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2071

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2072

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2072

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2072

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2073

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

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3.4 Building Construction - 2073

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

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3.4 Building Construction - 2073

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2074

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2074

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2074

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2075

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2075

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2075

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2076

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |
| Total | 0.1568 | 0.9026 | 2.1115 | 4.0600e-003 | | 9.6600e-003 | 9.6600e-003 | | 9.6600e-003 | 9.6600e-003 | 0.0000 | 344.3480 | 344.3480 | 0.0124 | 0.0000 | 344.6574 |

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3.4 Building Construction - 2076

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4975 | 0.0000 | 0.4975 | 0.1221 | 0.0000 | 0.1221 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4775 | 0.0000 | 4.4775 | 1.0990 | 0.0000 | 1.0990 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9750 | 0.0000 | 4.9750 | 1.2211 | 0.0000 | 1.2211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |
| Total | 0.0131 | 0.0566 | 0.8054 | 4.0600e-003 | | 1.7400e-003 | 1.7400e-003 | | 1.7400e-003 | 1.7400e-003 | 0.0000 | 112.2200 | 112.2200 | 4.3400e-003 | 0.0000 | 112.3287 |

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3.4 Building Construction - 2076

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4975 | 0.0000 | 0.4975 | 0.1221 | 0.0000 | 0.1221 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4775 | 0.0000 | 4.4775 | 1.0990 | 0.0000 | 1.0990 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9750 | 0.0000 | 4.9750 | 1.2211 | 0.0000 | 1.2211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2077

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0337 | 343.0337 | 0.0123 | 0.0000 | 343.3419 |

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3.4 Building Construction - 2077

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |
| Total | 0.0130 | 0.0564 | 0.8023 | 4.0400e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.7917 | 111.7917 | 4.3300e-003 | 0.0000 | 111.8999 |

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3.4 Building Construction - 2077

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4956 | 0.0000 | 0.4956 | 0.1217 | 0.0000 | 0.1217 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4604 | 0.0000 | 4.4604 | 1.0948 | 0.0000 | 1.0948 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9560 | 0.0000 | 4.9560 | 1.2165 | 0.0000 | 1.2165 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2078

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

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3.4 Building Construction - 2078

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

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3.4 Building Construction - 2078

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2079

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |
| Total | 0.1556 | 0.8957 | 2.0954 | 4.0200e-003 | | 9.5800e-003 | 9.5800e-003 | | 9.5800e-003 | 9.5800e-003 | 0.0000 | 341.7194 | 341.7194 | 0.0123 | 0.0000 | 342.0264 |

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3.4 Building Construction - 2079

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |
| Total | 0.0130 | 0.0562 | 0.7992 | 4.0200e-003 | | 1.7300e-003 | 1.7300e-003 | | 1.7300e-003 | 1.7300e-003 | 0.0000 | 111.3634 | 111.3634 | 4.3100e-003 | 0.0000 | 111.4712 |

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3.4 Building Construction - 2079

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.4937 | 0.0000 | 0.4937 | 0.1212 | 0.0000 | 0.1212 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 4.4433 | 0.0000 | 4.4433 | 1.0906 | 0.0000 | 1.0906 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 4.9370 | 0.0000 | 4.9370 | 1.2118 | 0.0000 | 1.2118 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.4 Building Construction - 2080

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0928 | 0.5340 | 1.2492 | 2.4000e-003 | | 5.7100e-003 | 5.7100e-003 | | 5.7100e-003 | 5.7100e-003 | 0.0000 | 203.7173 | 203.7173 | 7.3200e-003 | 0.0000 | 203.9003 |
| Total | 0.0928 | 0.5340 | 1.2492 | 2.4000e-003 | | 5.7100e-003 | 5.7100e-003 | | 5.7100e-003 | 5.7100e-003 | 0.0000 | 203.7173 | 203.7173 | 7.3200e-003 | 0.0000 | 203.9003 |

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3.4 Building Construction - 2080

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.2943 | 0.0000 | 0.2943 | 0.0723 | 0.0000 | 0.0723 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 2.6489 | 0.0000 | 2.6489 | 0.6502 | 0.0000 | 0.6502 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 2.9432 | 0.0000 | 2.9432 | 0.7224 | 0.0000 | 0.7224 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 7.7300e-003 | 0.0335 | 0.4765 | 2.4000e-003 | | 1.0300e-003 | 1.0300e-003 | | 1.0300e-003 | 1.0300e-003 | 0.0000 | 66.3897 | 66.3897 | 2.5700e-003 | 0.0000 | 66.4540 |
| Total | 7.7300e-003 | 0.0335 | 0.4765 | 2.4000e-003 | | 1.0300e-003 | 1.0300e-003 | | 1.0300e-003 | 1.0300e-003 | 0.0000 | 66.3897 | 66.3897 | 2.5700e-003 | 0.0000 | 66.4540 |

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3.4 Building Construction - 2080

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.2943 | 0.0000 | 0.2943 | 0.0723 | 0.0000 | 0.0723 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 2.6489 | 0.0000 | 2.6489 | 0.6502 | 0.0000 | 0.6502 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 2.9432 | 0.0000 | 2.9432 | 0.7224 | 0.0000 | 0.7224 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.5 Paving - 2080

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0541 | 0.1956 | 0.8463 | 1.5000e-003 | | 6.2300e-003 | 6.2300e-003 | | 6.2300e-003 | 6.2300e-003 | 0.0000 | 128.9324 | 128.9324 | 4.3300e-003 | 0.0000 | 129.0407 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0541 | 0.1956 | 0.8463 | 1.5000e-003 | | 6.2300e-003 | 6.2300e-003 | | 6.2300e-003 | 6.2300e-003 | 0.0000 | 128.9324 | 128.9324 | 4.3300e-003 | 0.0000 | 129.0407 |

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3.5 Paving - 2080

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 8.6000e-003 | 0.0000 | 8.6000e-003 | 2.1100e-003 | 0.0000 | 2.1100e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 8.6000e-003 | 0.0000 | 8.6000e-003 | 2.1100e-003 | 0.0000 | 2.1100e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0150 | 0.0650 | 0.9253 | 1.5000e-003 | | 2.0000e-003 | 2.0000e-003 | | 2.0000e-003 | 2.0000e-003 | 0.0000 | 128.9323 | 128.9323 | 4.3300e-003 | 0.0000 | 129.0406 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0150 | 0.0650 | 0.9253 | 1.5000e-003 | | 2.0000e-003 | 2.0000e-003 | | 2.0000e-003 | 2.0000e-003 | 0.0000 | 128.9323 | 128.9323 | 4.3300e-003 | 0.0000 | 129.0406 |

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3.5 Paving - 2080

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 8.6000e-003 | 0.0000 | 8.6000e-003 | 2.1100e-003 | 0.0000 | 2.1100e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 8.6000e-003 | 0.0000 | 8.6000e-003 | 2.1100e-003 | 0.0000 | 2.1100e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.5 Paving - 2081

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |

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3.5 Paving - 2081

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 0.0210 | 0.0000 | 0.0210 | 5.1500e-003 | 0.0000 | 5.1500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 0.0210 | 0.0000 | 0.0210 | 5.1500e-003 | 0.0000 | 5.1500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |

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3.5 Paving - 2081

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 0.0210 | 0.0000 | 0.0210 | 5.1500e-003 | 0.0000 | 5.1500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 0.0210 | 0.0000 | 0.0210 | 5.1500e-003 | 0.0000 | 5.1500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.5 Paving - 2082

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1320 | 0.4772 | 2.0642 | 3.6600e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | 0.0000 | 314.4987 | 314.4987 | 0.0106 | 0.0000 | 314.7629 |

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3.5 Paving - 2082

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 0.0210 | 0.0000 | 0.0210 | 5.1500e-003 | 0.0000 | 5.1500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 0.0210 | 0.0000 | 0.0210 | 5.1500e-003 | 0.0000 | 5.1500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0366 | 0.1586 | 2.2571 | 3.6600e-003 | | 4.8800e-003 | 4.8800e-003 | | 4.8800e-003 | 4.8800e-003 | 0.0000 | 314.4983 | 314.4983 | 0.0106 | 0.0000 | 314.7626 |

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3.5 Paving - 2082

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 0.0210 | 0.0000 | 0.0210 | 5.1500e-003 | 0.0000 | 5.1500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 0.0210 | 0.0000 | 0.0210 | 5.1500e-003 | 0.0000 | 5.1500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.5 Paving - 2083

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0157 | 0.0567 | 0.2452 | 4.3000e-004 | | 1.8000e-003 | 1.8000e-003 | | 1.8000e-003 | 1.8000e-003 | 0.0000 | 37.3543 | 37.3543 | 1.2600e-003 | 0.0000 | 37.3856 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0157 | 0.0567 | 0.2452 | 4.3000e-004 | | 1.8000e-003 | 1.8000e-003 | | 1.8000e-003 | 1.8000e-003 | 0.0000 | 37.3543 | 37.3543 | 1.2600e-003 | 0.0000 | 37.3856 |

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3.5 Paving - 2083

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 2.4900e-003 | 0.0000 | 2.4900e-003 | 6.1000e-004 | 0.0000 | 6.1000e-004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 2.4900e-003 | 0.0000 | 2.4900e-003 | 6.1000e-004 | 0.0000 | 6.1000e-004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 4.3500e-003 | 0.0188 | 0.2681 | 4.3000e-004 | | 5.8000e-004 | 5.8000e-004 | | 5.8000e-004 | 5.8000e-004 | 0.0000 | 37.3542 | 37.3542 | 1.2600e-003 | 0.0000 | 37.3856 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 4.3500e-003 | 0.0188 | 0.2681 | 4.3000e-004 | | 5.8000e-004 | 5.8000e-004 | | 5.8000e-004 | 5.8000e-004 | 0.0000 | 37.3542 | 37.3542 | 1.2600e-003 | 0.0000 | 37.3856 |

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3.5 Paving - 2083

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 2.4900e-003 | 0.0000 | 2.4900e-003 | 6.1000e-004 | 0.0000 | 6.1000e-004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 2.4900e-003 | 0.0000 | 2.4900e-003 | 6.1000e-004 | 0.0000 | 6.1000e-004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.6 Architectural Coating - 2083

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 18.1152 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0132 | 0.0836 | 0.2061 | 3.4000e-004 | | 8.5000e-004 | 8.5000e-004 | | 8.5000e-004 | 8.5000e-004 | 0.0000 | 29.3624 | 29.3624 | 1.0300e-003 | 0.0000 | 29.3883 |
| Total | 18.1284 | 0.0836 | 0.2061 | 3.4000e-004 | | 8.5000e-004 | 8.5000e-004 | | 8.5000e-004 | 8.5000e-004 | 0.0000 | 29.3624 | 29.3624 | 1.0300e-003 | 0.0000 | 29.3883 |

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3.6 Architectural Coating - 2083

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 0.7864 | 0.0000 | 0.7864 | 0.1930 | 0.0000 | 0.1930 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 0.7864 | 0.0000 | 0.7864 | 0.1930 | 0.0000 | 0.1930 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.6 Architectural Coating - 2084

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 20.4781 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0149 | 0.0945 | 0.2330 | 3.9000e-004 | | 9.7000e-004 | 9.7000e-004 | | 9.7000e-004 | 9.7000e-004 | 0.0000 | 33.1923 | 33.1923 | 1.1700e-003 | 0.0000 | 33.2215 |
| Total | 20.4930 | 0.0945 | 0.2330 | 3.9000e-004 | | 9.7000e-004 | 9.7000e-004 | | 9.7000e-004 | 9.7000e-004 | 0.0000 | 33.1923 | 33.1923 | 1.1700e-003 | 0.0000 | 33.2215 |

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3.6 Architectural Coating - 2084

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 0.8889 | 0.0000 | 0.8889 | 0.2182 | 0.0000 | 0.2182 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 0.8889 | 0.0000 | 0.8889 | 0.2182 | 0.0000 | 0.2182 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

3.6 Architectural Coating - 2085

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 13.3895 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 9.7700e-003 | 0.0618 | 0.1524 | 2.5000e-004 | | 6.3000e-004 | 6.3000e-004 | | 6.3000e-004 | 6.3000e-004 | 0.0000 | 21.7027 | 21.7027 | 7.6000e-004 | 0.0000 | 21.7218 |
| Total | 13.3993 | 0.0618 | 0.1524 | 2.5000e-004 | | 6.3000e-004 | 6.3000e-004 | | 6.3000e-004 | 6.3000e-004 | 0.0000 | 21.7027 | 21.7027 | 7.6000e-004 | 0.0000 | 21.7218 |

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3.6 Architectural Coating - 2085

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 0.5812 | 0.0000 | 0.5812 | 0.1427 | 0.0000 | 0.1427 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 0.5812 | 0.0000 | 0.5812 | 0.1427 | 0.0000 | 0.1427 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|---------|---------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|--------|--------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 5.9533 | 66.5688 | 70.2253 | 0.5241 | 46.7140 | 0.1812 | 46.8952 | 12.5221 | 0.1697 | 12.6918 | 0.0000 | 48,766.24 52 | 48,766.24 52 | 2.2246 | 0.0000 | 48,821.86 09 |
| Unmitigated | 5.8958 | 66.2341 | 69.2820 | 0.5171 | 45.9938 | 0.1786 | 46.1725 | 12.3291 | 0.1672 | 12.4963 | 0.0000 | 48,112.162 1 | 48,112.162 1 | 2.2125 | 0.0000 | 48,167.47 46 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|-----------------------|-------------------------|------------------|------------------|--------------------|--------------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| City Park | 0.00 | 0.00 | 0.00 | | |
| Condo/Townhouse | 0.00 | 0.00 | 0.00 | | |
| Elementary School | 0.00 | 0.00 | 0.00 | | |
| Single Family Housing | 32,818.35 | 32,818.35 | 32,818.35 | 122,042,225 | 123,953,149 |
| Strip Mall | 0.00 | 0.00 | 0.00 | | |
| Total | 32,818.35 | 32,818.35 | 32,818.35 | 122,042,225 | 123,953,149 |

4.3 Trip Type Information

| Land Use | Miles | | | Trip % | | | Trip Purpose % | | |
|-----------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| City Park | 14.70 | 6.60 | 6.60 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |
| Condo/Townhouse | 16.80 | 7.10 | 7.90 | 42.30 | 19.60 | 38.10 | 86 | 11 | 3 |
| Elementary School | 14.70 | 6.60 | 6.60 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| Single Family Housing | 16.80 | 7.10 | 7.90 | 42.30 | 19.60 | 38.10 | 86 | 11 | 3 |
| Strip Mall | 14.70 | 6.60 | 6.60 | 16.60 | 64.40 | 19.00 | 45 | 40 | 15 |

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4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| City Park | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |
| Condo/Townhouse | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |
| Elementary School | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |
| Single Family Housing | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |
| Strip Mall | 0.589645 | 0.027955 | 0.169575 | 0.088886 | 0.007529 | 0.003407 | 0.012095 | 0.089925 | 0.002382 | 0.001405 | 0.005896 | 0.000876 | 0.000423 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install Energy Efficient Appliances

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|---------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|--------|--------|------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Electricity Mitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 4,773.6964 | 4,773.6964 | 0.4210 | 0.0871 | 4,810.1815 |
| Electricity Unmitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 4,904.8497 | 4,904.8497 | 0.4326 | 0.0895 | 4,942.3372 |
| NaturalGas Mitigated | 0.4455 | 3.8409 | 1.8666 | 0.0243 | | | 0.3078 | 0.3078 | | 0.3078 | 0.0000 | 4,409.2117 | 4,409.2117 | 0.0845 | 0.0808 | 4,435.4135 |
| NaturalGas Unmitigated | 0.4729 | 4.0770 | 1.9812 | 0.0258 | | | 0.3267 | 0.3267 | | 0.3267 | 0.0000 | 4,680.2794 | 4,680.2794 | 0.0897 | 0.0858 | 4,708.0920 |

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5.2 Energy by Land Use - NaturalGas

Unmitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 3.38292e+007 | 0.1824 | 1.5588 | 0.6633 | 9.9500e-003 | | 0.1260 | 0.1260 | | 0.1260 | 0.1260 | 0.0000 | 1,805.2543 | 1,805.2543 | 0.0346 | 0.0331 | 1,815.9820 |
| Elementary School | 1.4695e+006 | 7.9200e-003 | 0.0720 | 0.0605 | 4.3000e-004 | | 5.4700e-003 | 5.4700e-003 | | 5.4700e-003 | 5.4700e-003 | 0.0000 | 78.4179 | 78.4179 | 1.5000e-003 | 1.4400e-003 | 78.8839 |
| Single Family Housing | 4.17539e+007 | 0.2251 | 1.9240 | 0.8187 | 0.0123 | | 0.1556 | 0.1556 | | 0.1556 | 0.1556 | 0.0000 | 2,228.1497 | 2,228.1497 | 0.0427 | 0.0409 | 2,241.3905 |
| Strip Mall | 1.06525e+007 | 0.0574 | 0.5222 | 0.4386 | 3.1300e-003 | | 0.0397 | 0.0397 | | 0.0397 | 0.0397 | 0.0000 | 568.4575 | 568.4575 | 0.0109 | 0.0104 | 571.8356 |
| Total | | 0.4729 | 4.0770 | 1.9812 | 0.0258 | | 0.3267 | 0.3267 | | 0.3267 | 0.3267 | 0.0000 | 4,680.2794 | 4,680.2794 | 0.0897 | 0.0858 | 4,708.0920 |

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5.2 Energy by Land Use - NaturalGas

Mitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 3.19519e+007 | 0.1723 | 1.4723 | 0.6265 | 9.4000e-003 | | 0.1190 | 0.1190 | | 0.1190 | 0.1190 | 0.0000 | 1,705.0736 | 1,705.0736 | 0.0327 | 0.0313 | 1,715.2060 |
| Elementary School | 1.3745e+006 | 7.4100e-003 | 0.0674 | 0.0566 | 4.0000e-004 | | 5.1200e-003 | 5.1200e-003 | | 5.1200e-003 | 5.1200e-003 | 0.0000 | 73.3484 | 73.3484 | 1.4100e-003 | 1.3400e-003 | 73.7843 |
| Single Family Housing | 3.92474e+007 | 0.2116 | 1.8085 | 0.7696 | 0.0115 | | 0.1462 | 0.1462 | | 0.1462 | 0.1462 | 0.0000 | 2,094.3889 | 2,094.3889 | 0.0401 | 0.0384 | 2,106.8348 |
| Strip Mall | 1.00518e+007 | 0.0542 | 0.4927 | 0.4139 | 2.9600e-003 | | 0.0375 | 0.0375 | | 0.0375 | 0.0375 | 0.0000 | 536.4008 | 536.4008 | 0.0103 | 9.8300e-003 | 539.5884 |
| Total | | 0.4455 | 3.8409 | 1.8666 | 0.0243 | | 0.3078 | 0.3078 | | 0.3078 | 0.3078 | 0.0000 | 4,409.2117 | 4,409.2117 | 0.0845 | 0.0808 | 4,435.4135 |

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5.3 Energy by Land Use - Electricity

Unmitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 1.03718e+007 | 1,546.8553 | 0.1364 | 0.0282 | 1,558.6778 |
| Elementary School | 410827 | 61.2712 | 5.4000e-003 | 1.1200e-003 | 61.7395 |
| Single Family Housing | 1.39909e+007 | 2,086.6195 | 0.1840 | 0.0381 | 2,102.5674 |
| Strip Mall | 8.11381e+006 | 1,210.1037 | 0.1067 | 0.0221 | 1,219.3525 |
| Total | | 4,904.8497 | 0.4326 | 0.0895 | 4,942.3372 |

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5.3 Energy by Land Use - Electricity

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 1.00301e+007 | 1,495.8967 | 0.1319 | 0.0273 | 1,507.3297 |
| Elementary School | 402060 | 59.9638 | 5.2900e-003 | 1.0900e-003 | 60.4221 |
| Single Family Housing | 1.36111e+007 | 2,029.9744 | 0.1790 | 0.0370 | 2,045.4894 |
| Strip Mall | 7.96468e+006 | 1,187.8616 | 0.1048 | 0.0217 | 1,196.9403 |
| Total | | 4,773.6964 | 0.4210 | 0.0871 | 4,810.1815 |

6.0 Area Detail

6.1 Mitigation Measures Area

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|--------|----------|--------|---------------|--------------|------------|----------------|---------------|-------------|------------|------------|------------|---------|--------|------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 41.8050 | 3.5197 | 144.0417 | 0.3938 | | 19.4568 | 19.4568 | | 19.4568 | 19.4568 | 2,571.9803 | 1,549.8011 | 4,121.7815 | 12.0926 | 0.0276 | 4,432.3337 |
| Unmitigated | 41.8050 | 3.5197 | 144.0417 | 0.3938 | | 19.4568 | 19.4568 | | 19.4568 | 19.4568 | 2,571.9803 | 1,549.8011 | 4,121.7815 | 12.0926 | 0.0276 | 4,432.3337 |

6.2 Area by SubCategory

Unmitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|-----------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------|-------------------|----------------|---------------|-------------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 5.1983 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 22.7180 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 13.1178 | 3.2226 | 118.2999 | 0.3925 | | 19.3134 | 19.3134 | | 19.3134 | 19.3134 | 2,571.9803 | 1,507.5617 | 4,079.5421 | 12.0524 | 0.0276 | 4,389.0879 |
| Landscaping | 0.7709 | 0.2971 | 25.7418 | 1.3700e-003 | | 0.1434 | 0.1434 | | 0.1434 | 0.1434 | 0.0000 | 42.2394 | 42.2394 | 0.0403 | 0.0000 | 43.2458 |
| Total | 41.8050 | 3.5197 | 144.0417 | 0.3938 | | 19.4568 | 19.4568 | | 19.4568 | 19.4568 | 2,571.9803 | 1,549.8011 | 4,121.7815 | 12.0926 | 0.0276 | 4,432.3337 |

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6.2 Area by SubCategory

Mitigated

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|-----------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------|-------------------|----------------|---------------|-------------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 5.1983 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 22.7180 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 13.1178 | 3.2226 | 118.2999 | 0.3925 | | 19.3134 | 19.3134 | | 19.3134 | 19.3134 | 2,571.9803 | 1,507.5617 | 4,079.5421 | 12.0524 | 0.0276 | 4,389.0879 |
| Landscaping | 0.7709 | 0.2971 | 25.7418 | 1.3700e-003 | | 0.1434 | 0.1434 | | 0.1434 | 0.1434 | 0.0000 | 42.2394 | 42.2394 | 0.0403 | 0.0000 | 43.2458 |
| Total | 41.8050 | 3.5197 | 144.0417 | 0.3938 | | 19.4568 | 19.4568 | | 19.4568 | 19.4568 | 2,571.9803 | 1,549.8011 | 4,121.7815 | 12.0926 | 0.0276 | 4,432.3337 |

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower

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| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|--------|--------|----------|
| Category | MT/yr | | | |
| Mitigated | 403.3623 | 7.9060 | 0.1920 | 658.2146 |
| Unmitigated | 471.3072 | 9.8795 | 0.2394 | 789.6210 |

7.2 Water by Land Use

Unmitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 59.5741 | 31.0973 | 2.7400e-003 | 5.7000e-004 | 31.3350 |
| Condo/Townhouse | 122.685 / 77.3449 | 178.3031 | 4.0100 | 0.0969 | 307.4402 |
| Elementary School | 1.69697 / 4.36363 | 4.1856 | 0.0556 | 1.3700e-003 | 5.9850 |
| Single Family Housing | 104.051 / 65.5974 | 151.2215 | 3.4009 | 0.0822 | 260.7445 |
| Strip Mall | 73.7436 / 45.1977 | 106.4997 | 2.4103 | 0.0583 | 184.1164 |
| Total | | 471.3072 | 9.8796 | 0.2394 | 789.6210 |

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7.2 Water by Land Use

Mitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 59.5741 | 31.0973 | 2.7400e-003 | 5.7000e-004 | 31.3350 |
| Condo/Townhouse | 98.148 / 77.3449 | 150.7172 | 3.2087 | 0.0777 | 254.0886 |
| Elementary School | 1.35757 / 4.36363 | 3.8041 | 0.0445 | 1.1100e-003 | 5.2470 |
| Single Family Housing | 83.2408 / 65.5974 | 127.8254 | 2.7214 | 0.0659 | 215.4962 |
| Strip Mall | 58.9949 / 45.1977 | 89.9184 | 1.9286 | 0.0467 | 152.0478 |
| Total | | 403.3623 | 7.9060 | 0.1920 | 658.2146 |

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|---------|--------|------------|
| | MT/yr | | | |
| Mitigated | 561.4258 | 33.1793 | 0.0000 | 1,390.9087 |
| Unmitigated | 748.5677 | 44.2391 | 0.0000 | 1,854.5449 |

8.2 Waste by Land Use

Unmitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-----------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 4.3 | 0.8729 | 0.0516 | 0.0000 | 2.1625 |
| Condo/Townhouse | 866.18 | 175.8267 | 10.3911 | 0.0000 | 435.6032 |
| Elementary School | 127.75 | 25.9321 | 1.5325 | 0.0000 | 64.2457 |
| Single Family Housing | 1644.12 | 333.7415 | 19.7236 | 0.0000 | 826.8304 |
| Strip Mall | 1045.34 | 212.1946 | 12.5403 | 0.0000 | 525.7031 |
| Total | | 748.5677 | 44.2391 | 0.0000 | 1,854.5449 |

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8.2 Waste by Land Use

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|-----------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| City Park | 3.225 | 0.6547 | 0.0387 | 0.0000 | 1.6219 |
| Condo/Townhouse | 649.635 | 131.8700 | 7.7933 | 0.0000 | 326.7024 |
| Elementary School | 95.8125 | 19.4491 | 1.1494 | 0.0000 | 48.1843 |
| Single Family Housing | 1233.09 | 250.3061 | 14.7927 | 0.0000 | 620.1228 |
| Strip Mall | 784.005 | 159.1459 | 9.4053 | 0.0000 | 394.2773 |
| Total | | 561.4258 | 33.1793 | 0.0000 | 1,390.9087 |

9.0 Operational Offroad

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

| Equipment Type | Number | Hours/Day | Hours/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|------------|-------------|-------------|-----------|
|----------------|--------|-----------|------------|-------------|-------------|-----------|

Boilers

| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

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User Defined Equipment

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

11.0 Vegetation
