

Appendix C

Air Quality/GHG/Energy Calculations

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

**West Broadway AQ Existing Conditions Op.
Sacramento County, Annual**

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|------------------------|----------|---------------|-------------|--------------------|------------|
| Elementary School | 99.50 | 1000sqft | 2.28 | 99,500.00 | 0 |
| General Light Industry | 26.05 | 1000sqft | 0.60 | 26,045.00 | 0 |
| General Light Industry | 413.95 | 1000sqft | 9.50 | 413,950.00 | 0 |
| City Park | 62.70 | Acre | 62.70 | 2,731,212.00 | 0 |
| Racquet Club | 5.00 | 1000sqft | 0.11 | 5,000.00 | 0 |
| Racquet Club | 20.80 | 1000sqft | 0.48 | 20,800.00 | 0 |
| Apartments Low Rise | 1,113.00 | Dwelling Unit | 69.56 | 1,113,000.00 | 2972 |

1.2 Other Project Characteristics

| | | | | | |
|---------------------------------|---------------------------------------|---------------------------------|-------|----------------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.5 | Precipitation Freq (Days) | 58 |
| Climate Zone | 6 | | | Operational Year | 2035 |
| Utility Company | Sacramento Municipal Utility District | | | | |
| CO2 Intensity (lb/MW hr) | 143.85 | CH4 Intensity (lb/MW hr) | 0.029 | N2O Intensity (lb/MW hr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

Project Characteristics - Baseline CO2 intensity factor (SMUD 2017 emissions rate) from Climate Registry 2019 Default Emissions: Future 2035 year, SMUD assumed to meet RPS target of 60% RPS by 2030 and 70% RPS by 2035

(<https://www.theclimateregistry.org/wp-content/uploads/2019/05/The-Climate-Registry-2019-Default-Emission-Factor-Document.pdf>)

Land Use - Based on existing conditions land uses in Project Description (Table 2.2)

Construction Phase - Based on existing land uses in Project Description (Table 2.2)

Vehicle Trips - Adjusted to match Existing Conditions VMT of Specific Plan Area in Transportation Section of the WBSP EIR

Energy Use -

| Table Name | Column Name | Default Value | New Value |
|---------------------------|--------------------|---------------|-----------|
| tblEnergyUse | NT24E | 3,172.76 | 3,172.76 |
| tblEnergyUse | T24E | 511.12 | 511.12 |
| tblEnergyUse | T24E | 2.05 | 2.05 |
| tblEnergyUse | T24E | 3.41 | 3.41 |
| tblEnergyUse | T24E | 3.41 | 3.41 |
| tblEnergyUse | T24NG | 9,411.72 | 9,411.72 |
| tblEnergyUse | T24NG | 14.60 | 14.60 |
| tblEnergyUse | T24NG | 23.39 | 23.39 |
| tblEnergyUse | T24NG | 23.39 | 23.39 |
| tblLandUse | LandUseSquareFeet | 26,050.00 | 26,045.00 |
| tblProjectCharacteristics | CO2IntensityFactor | 590.31 | 143.85 |
| tblVehicleTrips | CW_TL | 10.00 | 10.15 |
| tblVehicleTrips | HW_TL | 10.00 | 6.98 |

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

West Broadway AQ Existing Conditions Op. - Sacramento 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 | | | | | |
| 2019 | 0.2091 | 2.0958 | 1.3174 | 2.3400e-003 | 6.4400e-003 | 0.1051 | 0.1115 | 1.7100e-003 | 0.0977 | 0.0994 | 0.0000 | 208.4553 | 208.4553 | 0.0565 | 0.0000 | 209.8687 |
| 2020 | 0.5219 | 5.4095 | 3.1998 | 5.8900e-003 | 1.6894 | 0.2649 | 1.9543 | 0.7423 | 0.2444 | 0.9867 | 0.0000 | 517.3251 | 517.3251 | 0.1571 | 0.0000 | 521.2528 |
| 2021 | 0.5924 | 6.2778 | 4.3884 | 9.6600e-003 | 1.2847 | 0.2556 | 1.5403 | 0.4916 | 0.2353 | 0.7269 | 0.0000 | 857.2903 | 857.2903 | 0.2306 | 0.0000 | 863.0559 |
| 2022 | 1.3915 | 10.9294 | 10.8963 | 0.0433 | 2.5879 | 0.1406 | 2.7286 | 0.6998 | 0.1324 | 0.8322 | 0.0000 | 4,016.0866 | 4,016.0866 | 0.2260 | 0.0000 | 4,021.7357 |
| 2023 | 1.2629 | 9.4230 | 10.0924 | 0.0422 | 2.5879 | 0.1149 | 2.7028 | 0.6998 | 0.1080 | 0.8078 | 0.0000 | 3,914.6857 | 3,914.6857 | 0.2096 | 0.0000 | 3,919.9262 |
| 2024 | 1.1982 | 9.1866 | 9.5823 | 0.0416 | 2.6077 | 0.1037 | 2.7114 | 0.7052 | 0.0974 | 0.8026 | 0.0000 | 3,868.4825 | 3,868.4825 | 0.2059 | 0.0000 | 3,873.6291 |
| 2025 | 1.1272 | 8.8526 | 9.0236 | 0.0406 | 2.5977 | 0.0913 | 2.6891 | 0.7025 | 0.0858 | 0.7883 | 0.0000 | 3,778.7601 | 3,778.7601 | 0.2003 | 0.0000 | 3,783.7677 |
| 2026 | 1.0804 | 8.6934 | 8.5841 | 0.0399 | 2.5977 | 0.0905 | 2.6882 | 0.7025 | 0.0850 | 0.7874 | 0.0000 | 3,711.2504 | 3,711.2504 | 0.1965 | 0.0000 | 3,716.1622 |
| 2027 | 1.0353 | 8.5479 | 8.1898 | 0.0392 | 2.5977 | 0.0894 | 2.6871 | 0.7024 | 0.0840 | 0.7864 | 0.0000 | 3,650.3435 | 3,650.3435 | 0.1929 | 0.0000 | 3,655.1666 |
| 2028 | 0.9857 | 8.3905 | 7.8147 | 0.0385 | 2.5877 | 0.0879 | 2.6755 | 0.6997 | 0.0825 | 0.7823 | 0.0000 | 3,582.8363 | 3,582.8363 | 0.1890 | 0.0000 | 3,587.5609 |
| 2029 | 0.9405 | 8.3042 | 7.5204 | 0.0381 | 2.5976 | 0.0870 | 2.6846 | 0.7024 | 0.0818 | 0.7842 | 0.0000 | 3,548.7985 | 3,548.7985 | 0.1866 | 0.0000 | 3,553.4635 |
| 2030 | 0.8858 | 7.6023 | 7.2416 | 0.0381 | 2.5976 | 0.0364 | 2.6340 | 0.7024 | 0.0353 | 0.7377 | 0.0000 | 3,546.9616 | 3,546.9616 | 0.1263 | 0.0000 | 3,550.1189 |
| 2031 | 0.8369 | 7.5016 | 6.9718 | 0.0377 | 2.5976 | 0.0354 | 2.6329 | 0.7024 | 0.0343 | 0.7367 | 0.0000 | 3,510.1118 | 3,510.1118 | 0.1236 | 0.0000 | 3,513.2026 |
| 2032 | 0.7964 | 7.4380 | 6.7628 | 0.0375 | 2.6075 | 0.0346 | 2.6421 | 0.7051 | 0.0336 | 0.7387 | 0.0000 | 3,491.6675 | 3,491.6675 | 0.1218 | 0.0000 | 3,494.7118 |
| 2033 | 0.6670 | 6.3205 | 5.8322 | 0.0318 | 2.1917 | 0.0350 | 2.2267 | 0.5926 | 0.0342 | 0.6268 | 0.0000 | 2,958.2882 | 2,958.2882 | 0.1029 | 0.0000 | 2,960.8596 |
| 2034 | 3.6424 | 0.6884 | 1.6921 | 3.5200e-003 | 0.1383 | 0.0311 | 0.1694 | 0.0368 | 0.0310 | 0.0678 | 0.0000 | 306.6326 | 306.6326 | 0.0115 | 0.0000 | 306.9202 |
| 2035 | 6.1490 | 0.0735 | 0.4250 | 1.6100e-003 | 0.2247 | 1.4500e-003 | 0.2261 | 0.0598 | 1.3900e-003 | 0.0611 | 0.0000 | 145.2264 | 145.2264 | 2.0600e-003 | 0.0000 | 145.2778 |
| Maximum | 6.1490 | 10.9294 | 10.8963 | 0.0433 | 2.6077 | 0.2649 | 2.7286 | 0.7423 | 0.2444 | 0.9867 | 0.0000 | 4,016.0866 | 4,016.0866 | 0.2306 | 0.0000 | 4,021.7357 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

2.1 Overall Construction

Mitigated Construction

West Broadway AQ Existing Conditions Op. - Sacramento 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 | | | | | |
| 2019 | 0.2091 | 2.0958 | 1.3174 | 2.3400e-003 | 6.4400e-003 | 0.1051 | 0.1115 | 1.7100e-003 | 0.0977 | 0.0994 | 0.0000 | 208.4551 | 208.4551 | 0.0565 | 0.0000 | 209.8685 |
| 2020 | 0.5219 | 5.4095 | 3.1998 | 5.8900e-003 | 1.6894 | 0.2649 | 1.9543 | 0.7423 | 0.2444 | 0.9867 | 0.0000 | 517.3245 | 517.3245 | 0.1571 | 0.0000 | 521.2522 |
| 2021 | 0.5924 | 6.2778 | 4.3884 | 9.6600e-003 | 1.2847 | 0.2556 | 1.5403 | 0.4916 | 0.2353 | 0.7269 | 0.0000 | 857.2895 | 857.2895 | 0.2306 | 0.0000 | 863.0550 |
| 2022 | 1.3915 | 10.9294 | 10.8963 | 0.0433 | 2.5879 | 0.1406 | 2.7286 | 0.6998 | 0.1324 | 0.8322 | 0.0000 | 4,016.086 3 | 4,016.086 3 | 0.2260 | 0.0000 | 4,021.735 4 |
| 2023 | 1.2629 | 9.4230 | 10.0924 | 0.0422 | 2.5879 | 0.1149 | 2.7028 | 0.6998 | 0.1080 | 0.8078 | 0.0000 | 3,914.685 3 | 3,914.685 3 | 0.2096 | 0.0000 | 3,919.925 9 |
| 2024 | 1.1982 | 9.1866 | 9.5823 | 0.0416 | 2.6077 | 0.1037 | 2.7114 | 0.7052 | 0.0974 | 0.8026 | 0.0000 | 3,868.482 1 | 3,868.482 1 | 0.2059 | 0.0000 | 3,873.628 7 |
| 2025 | 1.1272 | 8.8526 | 9.0236 | 0.0406 | 2.5977 | 0.0913 | 2.6891 | 0.7025 | 0.0858 | 0.7883 | 0.0000 | 3,778.759 7 | 3,778.759 7 | 0.2003 | 0.0000 | 3,783.767 4 |
| 2026 | 1.0804 | 8.6934 | 8.5841 | 0.0399 | 2.5977 | 0.0905 | 2.6882 | 0.7025 | 0.0850 | 0.7874 | 0.0000 | 3,711.2501 | 3,711.2501 | 0.1965 | 0.0000 | 3,716.161 8 |
| 2027 | 1.0353 | 8.5479 | 8.1898 | 0.0392 | 2.5977 | 0.0894 | 2.6871 | 0.7024 | 0.0840 | 0.7864 | 0.0000 | 3,650.343 1 | 3,650.343 1 | 0.1929 | 0.0000 | 3,655.166 3 |
| 2028 | 0.9857 | 8.3905 | 7.8147 | 0.0385 | 2.5877 | 0.0879 | 2.6755 | 0.6997 | 0.0825 | 0.7823 | 0.0000 | 3,582.836 0 | 3,582.836 0 | 0.1890 | 0.0000 | 3,587.560 5 |
| 2029 | 0.9405 | 8.3042 | 7.5204 | 0.0381 | 2.5976 | 0.0870 | 2.6846 | 0.7024 | 0.0818 | 0.7842 | 0.0000 | 3,548.798 2 | 3,548.798 2 | 0.1866 | 0.0000 | 3,553.463 2 |
| 2030 | 0.8858 | 7.6023 | 7.2416 | 0.0381 | 2.5976 | 0.0364 | 2.6340 | 0.7024 | 0.0353 | 0.7377 | 0.0000 | 3,546.961 2 | 3,546.961 2 | 0.1263 | 0.0000 | 3,550.1185 |
| 2031 | 0.8369 | 7.5016 | 6.9718 | 0.0377 | 2.5976 | 0.0354 | 2.6329 | 0.7024 | 0.0343 | 0.7367 | 0.0000 | 3,510.1114 | 3,510.1114 | 0.1236 | 0.0000 | 3,513.202 2 |
| 2032 | 0.7964 | 7.4380 | 6.7628 | 0.0375 | 2.6075 | 0.0346 | 2.6421 | 0.7051 | 0.0336 | 0.7387 | 0.0000 | 3,491.667 1 | 3,491.667 1 | 0.1218 | 0.0000 | 3,494.7114 |
| 2033 | 0.6670 | 6.3205 | 5.8322 | 0.0318 | 2.1917 | 0.0350 | 2.2267 | 0.5926 | 0.0342 | 0.6268 | 0.0000 | 2,958.287 8 | 2,958.287 8 | 0.1029 | 0.0000 | 2,960.859 2 |
| 2034 | 3.6424 | 0.6884 | 1.6921 | 3.5200e-003 | 0.1383 | 0.0311 | 0.1694 | 0.0368 | 0.0310 | 0.0678 | 0.0000 | 306.6323 | 306.6323 | 0.0115 | 0.0000 | 306.9199 |
| 2035 | 6.1490 | 0.0735 | 0.4250 | 1.6100e-003 | 0.2247 | 1.4500e-003 | 0.2261 | 0.0598 | 1.3900e-003 | 0.0611 | 0.0000 | 145.2264 | 145.2264 | 2.0600e-003 | 0.0000 | 145.2778 |
| Maximum | 6.1490 | 10.9294 | 10.8963 | 0.0433 | 2.6077 | 0.2649 | 2.7286 | 0.7423 | 0.2444 | 0.9867 | 0.0000 | 4,016.086 3 | 4,016.086 3 | 0.2306 | 0.0000 | 4,021.735 4 |

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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 |
|-------------------|------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|------|------|------|
| Percent Reduction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 7-22-2019 | 10-21-2019 | 1.2948 | 1.2948 |
| 2 | 10-22-2019 | 1-21-2020 | 1.2739 | 1.2739 |
| 3 | 1-22-2020 | 4-21-2020 | 1.1900 | 1.1900 |
| 4 | 4-22-2020 | 7-21-2020 | 1.5042 | 1.5042 |
| 5 | 7-22-2020 | 10-21-2020 | 1.5666 | 1.5666 |
| 6 | 10-22-2020 | 1-21-2021 | 1.7695 | 1.7695 |
| 7 | 1-22-2021 | 4-21-2021 | 1.6301 | 1.6301 |
| 8 | 4-22-2021 | 7-21-2021 | 1.6481 | 1.6481 |
| 9 | 7-22-2021 | 10-21-2021 | 1.6663 | 1.6663 |
| 10 | 10-22-2021 | 1-21-2022 | 2.2621 | 2.2621 |
| 11 | 1-22-2022 | 4-21-2022 | 3.0660 | 3.0660 |
| 12 | 4-22-2022 | 7-21-2022 | 3.0664 | 3.0664 |
| 13 | 7-22-2022 | 10-21-2022 | 3.1102 | 3.1102 |
| 14 | 10-22-2022 | 1-21-2023 | 3.0493 | 3.0493 |
| 15 | 1-22-2023 | 4-21-2023 | 2.6614 | 2.6614 |
| 16 | 4-22-2023 | 7-21-2023 | 2.6684 | 2.6684 |
| 17 | 7-22-2023 | 10-21-2023 | 2.7045 | 2.7045 |
| 18 | 10-22-2023 | 1-21-2024 | 2.7050 | 2.7050 |
| 19 | 1-22-2024 | 4-21-2024 | 2.5943 | 2.5943 |
| 20 | 4-22-2024 | 7-21-2024 | 2.5732 | 2.5732 |
| 21 | 7-22-2024 | 10-21-2024 | 2.6078 | 2.6078 |
| 22 | 10-22-2024 | 1-21-2025 | 2.6077 | 2.6077 |

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| | | | | |
|----|------------|------------|--------|--------|
| 23 | 1-22-2025 | 4-21-2025 | 2.4743 | 2.4743 |
| 24 | 4-22-2025 | 7-21-2025 | 2.4823 | 2.4823 |
| 25 | 7-22-2025 | 10-21-2025 | 2.5154 | 2.5154 |
| 26 | 10-22-2025 | 1-21-2026 | 2.5232 | 2.5232 |
| 27 | 1-22-2026 | 4-21-2026 | 2.4225 | 2.4225 |
| 28 | 4-22-2026 | 7-21-2026 | 2.4310 | 2.4310 |
| 29 | 7-22-2026 | 10-21-2026 | 2.4632 | 2.4632 |
| 30 | 10-22-2026 | 1-21-2027 | 2.4707 | 2.4707 |
| 31 | 1-22-2027 | 4-21-2027 | 2.3745 | 2.3745 |
| 32 | 4-22-2027 | 7-21-2027 | 2.3834 | 2.3834 |
| 33 | 7-22-2027 | 10-21-2027 | 2.4148 | 2.4148 |
| 34 | 10-22-2027 | 1-21-2028 | 2.4225 | 2.4225 |
| 35 | 1-22-2028 | 4-21-2028 | 2.3573 | 2.3573 |
| 36 | 4-22-2028 | 7-21-2028 | 2.3405 | 2.3405 |
| 37 | 7-22-2028 | 10-21-2028 | 2.3713 | 2.3713 |
| 38 | 10-22-2028 | 1-21-2029 | 2.3783 | 2.3783 |
| 39 | 1-22-2029 | 4-21-2029 | 2.2889 | 2.2889 |
| 40 | 4-22-2029 | 7-21-2029 | 2.2983 | 2.2983 |
| 41 | 7-22-2029 | 10-21-2029 | 2.3284 | 2.3284 |
| 42 | 10-22-2029 | 1-21-2030 | 2.3009 | 2.3009 |
| 43 | 1-22-2030 | 4-21-2030 | 2.1014 | 2.1014 |
| 44 | 4-22-2030 | 7-21-2030 | 2.1094 | 2.1094 |
| 45 | 7-22-2030 | 10-21-2030 | 2.1372 | 2.1372 |
| 46 | 10-22-2030 | 1-21-2031 | 2.1439 | 2.1439 |
| 47 | 1-22-2031 | 4-21-2031 | 2.0633 | 2.0633 |
| 48 | 4-22-2031 | 7-21-2031 | 2.0714 | 2.0714 |
| 49 | 7-22-2031 | 10-21-2031 | 2.0987 | 2.0987 |

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| | | | | |
|----|------------|------------|--------|--------|
| 50 | 10-22-2031 | 1-21-2032 | 2.1057 | 2.1057 |
| 51 | 1-22-2032 | 4-21-2032 | 2.0515 | 2.0515 |
| 52 | 4-22-2032 | 7-21-2032 | 2.0370 | 2.0370 |
| 53 | 7-22-2032 | 10-21-2032 | 2.0637 | 2.0637 |
| 54 | 10-22-2032 | 1-21-2033 | 2.0716 | 2.0716 |
| 55 | 1-22-2033 | 4-21-2033 | 1.9995 | 1.9995 |
| 56 | 4-22-2033 | 7-21-2033 | 2.0075 | 2.0075 |
| 57 | 7-22-2033 | 10-21-2033 | 2.0339 | 2.0339 |
| 58 | 10-22-2033 | 1-21-2034 | 0.5497 | 0.5497 |
| 59 | 1-22-2034 | 4-21-2034 | 0.2745 | 0.2745 |
| 60 | 4-22-2034 | 7-21-2034 | 0.2775 | 0.2775 |
| 61 | 7-22-2034 | 10-21-2034 | 1.5183 | 1.5183 |
| 62 | 10-22-2034 | 1-21-2035 | 2.9279 | 2.9279 |
| 63 | 1-22-2035 | 4-21-2035 | 2.8598 | 2.8598 |
| 64 | 4-22-2035 | 7-21-2035 | 2.6367 | 2.6367 |
| | | Highest | 3.1102 | 3.1102 |

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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 | 7.8814 | 0.1320 | 11.4456 | 6.1000e-004 | | 0.0637 | 0.0637 | | 0.0637 | 0.0637 | 0.0000 | 18.7647 | 18.7647 | 0.0179 | 0.0000 | 19.2119 |
| Energy | 0.1707 | 1.5125 | 1.0133 | 9.3100e-003 | | 0.1180 | 0.1180 | | 0.1180 | 0.1180 | 0.0000 | 2,525.0320 | 2,525.0320 | 0.2008 | 0.0658 | 2,549.6667 |
| Mobile | 1.6131 | 8.4014 | 17.7295 | 0.0819 | 9.5153 | 0.0424 | 9.5577 | 2.5477 | 0.0394 | 2.5871 | 0.0000 | 7,586.5811 | 7,586.5811 | 0.2842 | 0.0000 | 7,593.6872 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 271.8820 | 0.0000 | 271.8820 | 16.0678 | 0.0000 | 673.5762 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 63.2164 | 87.4992 | 150.7155 | 0.2352 | 0.1411 | 198.6513 |
| Total | 9.6652 | 10.0459 | 30.1884 | 0.0919 | 9.5153 | 0.2240 | 9.7393 | 2.5477 | 0.2210 | 2.7687 | 335.0984 | 10,217.8769 | 10,552.9754 | 16.8059 | 0.2069 | 11,034.7933 |

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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 | 7.8814 | 0.1320 | 11.4456 | 6.1000e-004 | | 0.0637 | 0.0637 | | 0.0637 | 0.0637 | 0.0000 | 18.7647 | 18.7647 | 0.0179 | 0.0000 | 19.2119 |
| Energy | 0.1707 | 1.5125 | 1.0133 | 9.3100e-003 | | 0.1180 | 0.1180 | | 0.1180 | 0.1180 | 0.0000 | 2,525.0320 | 2,525.0320 | 0.2008 | 0.0658 | 2,549.6667 |
| Mobile | 1.6131 | 8.4014 | 17.7295 | 0.0819 | 9.5153 | 0.0424 | 9.5577 | 2.5477 | 0.0394 | 2.5871 | 0.0000 | 7,586.5811 | 7,586.5811 | 0.2842 | 0.0000 | 7,593.6872 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 271.8820 | 0.0000 | 271.8820 | 16.0678 | 0.0000 | 673.5762 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 63.2164 | 87.4992 | 150.7155 | 0.2352 | 0.1411 | 198.6513 |
| Total | 9.6652 | 10.0459 | 30.1884 | 0.0919 | 9.5153 | 0.2240 | 9.7393 | 2.5477 | 0.2210 | 2.7687 | 335.0984 | 10,217.8769 | 10,552.9754 | 16.8059 | 0.2069 | 11,034.7933 |

| | ROG | NOx | CO | SO2 | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.0 Construction Detail

Construction Phase

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1 | Demolition | Demolition | 7/22/2019 | 4/24/2020 | 5 | 200 | |
| 2 | Site Preparation | Site Preparation | 4/25/2020 | 10/9/2020 | 5 | 120 | |
| 3 | Grading | Grading | 10/10/2020 | 12/17/2021 | 5 | 310 | |
| 4 | Building Construction | Building Construction | 12/18/2021 | 11/4/2033 | 5 | 3100 | |
| 5 | Paving | Paving | 11/5/2033 | 9/8/2034 | 5 | 220 | |
| 6 | Architectural Coating | Architectural Coating | 9/9/2034 | 7/13/2035 | 5 | 220 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 775

Acres of Paving: 0

Residential Indoor: 2,253,825; Residential Outdoor: 751,275; Non-Residential Indoor: 847,943; Non-Residential Outdoor: 282,648; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Demolition | Excavators | 3 | 8.00 | 158 | 0.38 |
| Demolition | Rubber Tired Dozers | 2 | 8.00 | 247 | 0.40 |
| 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

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| 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 |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition | 6 | 15.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 2,186.00 | 659.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 437.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

3.2 Demolition - 2019

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2055 | 2.0933 | 1.2905 | 2.2700e-003 | | 0.1050 | 0.1050 | | 0.0977 | 0.0977 | 0.0000 | 202.5640 | 202.5640 | 0.0564 | 0.0000 | 203.9728 |
| Total | 0.2055 | 2.0933 | 1.2905 | 2.2700e-003 | | 0.1050 | 0.1050 | | 0.0977 | 0.0977 | 0.0000 | 202.5640 | 202.5640 | 0.0564 | 0.0000 | 203.9728 |

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3.2 Demolition - 2019

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.5500e-003 | 2.4900e-003 | 0.0269 | 7.0000e-005 | 6.4400e-003 | 5.0000e-005 | 6.4900e-003 | 1.7100e-003 | 4.0000e-005 | 1.7600e-003 | 0.0000 | 5.8913 | 5.8913 | 1.8000e-004 | 0.0000 | 5.8959 |
| Total | 3.5500e-003 | 2.4900e-003 | 0.0269 | 7.0000e-005 | 6.4400e-003 | 5.0000e-005 | 6.4900e-003 | 1.7100e-003 | 4.0000e-005 | 1.7600e-003 | 0.0000 | 5.8913 | 5.8913 | 1.8000e-004 | 0.0000 | 5.8959 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2055 | 2.0933 | 1.2905 | 2.2700e-003 | | 0.1050 | 0.1050 | | 0.0977 | 0.0977 | 0.0000 | 202.5638 | 202.5638 | 0.0564 | 0.0000 | 203.9726 |
| Total | 0.2055 | 2.0933 | 1.2905 | 2.2700e-003 | | 0.1050 | 0.1050 | | 0.0977 | 0.0977 | 0.0000 | 202.5638 | 202.5638 | 0.0564 | 0.0000 | 203.9726 |

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3.2 Demolition - 2019

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.5500e-003 | 2.4900e-003 | 0.0269 | 7.0000e-005 | 6.4400e-003 | 5.0000e-005 | 6.4900e-003 | 1.7100e-003 | 4.0000e-005 | 1.7600e-003 | 0.0000 | 5.8913 | 5.8913 | 1.8000e-004 | 0.0000 | 5.8959 |
| Total | 3.5500e-003 | 2.4900e-003 | 0.0269 | 7.0000e-005 | 6.4400e-003 | 5.0000e-005 | 6.4900e-003 | 1.7100e-003 | 4.0000e-005 | 1.7600e-003 | 0.0000 | 5.8913 | 5.8913 | 1.8000e-004 | 0.0000 | 5.8959 |

3.2 Demolition - 2020

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1375 | 1.3778 | 0.9028 | 1.6100e-003 | | 0.0688 | 0.0688 | | 0.0640 | 0.0640 | 0.0000 | 141.0942 | 141.0942 | 0.0398 | 0.0000 | 142.0900 |
| Total | 0.1375 | 1.3778 | 0.9028 | 1.6100e-003 | | 0.0688 | 0.0688 | | 0.0640 | 0.0640 | 0.0000 | 141.0942 | 141.0942 | 0.0398 | 0.0000 | 142.0900 |

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3.2 Demolition - 2020

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.3200e-003 | 1.5700e-003 | 0.0172 | 4.0000e-005 | 4.5700e-003 | 3.0000e-005 | 4.6000e-003 | 1.2200e-003 | 3.0000e-005 | 1.2500e-003 | 0.0000 | 4.0508 | 4.0508 | 1.1000e-004 | 0.0000 | 4.0537 |
| Total | 2.3200e-003 | 1.5700e-003 | 0.0172 | 4.0000e-005 | 4.5700e-003 | 3.0000e-005 | 4.6000e-003 | 1.2200e-003 | 3.0000e-005 | 1.2500e-003 | 0.0000 | 4.0508 | 4.0508 | 1.1000e-004 | 0.0000 | 4.0537 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1375 | 1.3778 | 0.9028 | 1.6100e-003 | | 0.0688 | 0.0688 | | 0.0640 | 0.0640 | 0.0000 | 141.0941 | 141.0941 | 0.0398 | 0.0000 | 142.0898 |
| Total | 0.1375 | 1.3778 | 0.9028 | 1.6100e-003 | | 0.0688 | 0.0688 | | 0.0640 | 0.0640 | 0.0000 | 141.0941 | 141.0941 | 0.0398 | 0.0000 | 142.0898 |

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3.2 Demolition - 2020

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.3200e-003 | 1.5700e-003 | 0.0172 | 4.0000e-005 | 4.5700e-003 | 3.0000e-005 | 4.6000e-003 | 1.2200e-003 | 3.0000e-005 | 1.2500e-003 | 0.0000 | 4.0508 | 4.0508 | 1.1000e-004 | 0.0000 | 4.0537 |
| Total | 2.3200e-003 | 1.5700e-003 | 0.0172 | 4.0000e-005 | 4.5700e-003 | 3.0000e-005 | 4.6000e-003 | 1.2200e-003 | 3.0000e-005 | 1.2500e-003 | 0.0000 | 4.0508 | 4.0508 | 1.1000e-004 | 0.0000 | 4.0537 |

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 1.0840 | 0.0000 | 1.0840 | 0.5958 | 0.0000 | 0.5958 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.2446 | 2.5450 | 1.2908 | 2.2800e-003 | | 0.1318 | 0.1318 | | 0.1213 | 0.1213 | 0.0000 | 200.5841 | 200.5841 | 0.0649 | 0.0000 | 202.2059 |
| Total | 0.2446 | 2.5450 | 1.2908 | 2.2800e-003 | 1.0840 | 0.1318 | 1.2158 | 0.5958 | 0.1213 | 0.7171 | 0.0000 | 200.5841 | 200.5841 | 0.0649 | 0.0000 | 202.2059 |

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3.3 Site Preparation - 2020

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 4.0200e-003 | 2.7300e-003 | 0.0299 | 8.0000e-005 | 7.9300e-003 | 6.0000e-005 | 7.9900e-003 | 2.1100e-003 | 5.0000e-005 | 2.1600e-003 | 0.0000 | 7.0280 | 7.0280 | 2.0000e-004 | 0.0000 | 7.0329 |
| Total | 4.0200e-003 | 2.7300e-003 | 0.0299 | 8.0000e-005 | 7.9300e-003 | 6.0000e-005 | 7.9900e-003 | 2.1100e-003 | 5.0000e-005 | 2.1600e-003 | 0.0000 | 7.0280 | 7.0280 | 2.0000e-004 | 0.0000 | 7.0329 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 1.0840 | 0.0000 | 1.0840 | 0.5958 | 0.0000 | 0.5958 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.2446 | 2.5450 | 1.2908 | 2.2800e-003 | | 0.1318 | 0.1318 | | 0.1213 | 0.1213 | 0.0000 | 200.5838 | 200.5838 | 0.0649 | 0.0000 | 202.2057 |
| Total | 0.2446 | 2.5450 | 1.2908 | 2.2800e-003 | 1.0840 | 0.1318 | 1.2158 | 0.5958 | 0.1213 | 0.7171 | 0.0000 | 200.5838 | 200.5838 | 0.0649 | 0.0000 | 202.2057 |

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3.3 Site Preparation - 2020

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 4.0200e-003 | 2.7300e-003 | 0.0299 | 8.0000e-005 | 7.9300e-003 | 6.0000e-005 | 7.9900e-003 | 2.1100e-003 | 5.0000e-005 | 2.1600e-003 | 0.0000 | 7.0280 | 7.0280 | 2.0000e-004 | 0.0000 | 7.0329 |
| Total | 4.0200e-003 | 2.7300e-003 | 0.0299 | 8.0000e-005 | 7.9300e-003 | 6.0000e-005 | 7.9900e-003 | 2.1100e-003 | 5.0000e-005 | 2.1600e-003 | 0.0000 | 7.0280 | 7.0280 | 2.0000e-004 | 0.0000 | 7.0329 |

3.4 Grading - 2020

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 0.5886 | 0.0000 | 0.5886 | 0.1420 | 0.0000 | 0.1420 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.1313 | 1.4808 | 0.9428 | 1.8300e-003 | | 0.0641 | 0.0641 | | 0.0590 | 0.0590 | 0.0000 | 160.7287 | 160.7287 | 0.0520 | 0.0000 | 162.0282 |
| Total | 0.1313 | 1.4808 | 0.9428 | 1.8300e-003 | 0.5886 | 0.0641 | 0.6527 | 0.1420 | 0.0590 | 0.2010 | 0.0000 | 160.7287 | 160.7287 | 0.0520 | 0.0000 | 162.0282 |

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3.4 Grading - 2020

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.2000e-003 | 1.4900e-003 | 0.0163 | 4.0000e-005 | 4.3300e-003 | 3.0000e-005 | 4.3600e-003 | 1.1500e-003 | 3.0000e-005 | 1.1800e-003 | 0.0000 | 3.8393 | 3.8393 | 1.1000e-004 | 0.0000 | 3.8421 |
| Total | 2.2000e-003 | 1.4900e-003 | 0.0163 | 4.0000e-005 | 4.3300e-003 | 3.0000e-005 | 4.3600e-003 | 1.1500e-003 | 3.0000e-005 | 1.1800e-003 | 0.0000 | 3.8393 | 3.8393 | 1.1000e-004 | 0.0000 | 3.8421 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 0.5886 | 0.0000 | 0.5886 | 0.1420 | 0.0000 | 0.1420 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.1313 | 1.4808 | 0.9428 | 1.8300e-003 | | 0.0641 | 0.0641 | | 0.0590 | 0.0590 | 0.0000 | 160.7285 | 160.7285 | 0.0520 | 0.0000 | 162.0281 |
| Total | 0.1313 | 1.4808 | 0.9428 | 1.8300e-003 | 0.5886 | 0.0641 | 0.6527 | 0.1420 | 0.0590 | 0.2010 | 0.0000 | 160.7285 | 160.7285 | 0.0520 | 0.0000 | 162.0281 |

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3.4 Grading - 2020

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.2000e-003 | 1.4900e-003 | 0.0163 | 4.0000e-005 | 4.3300e-003 | 3.0000e-005 | 4.3600e-003 | 1.1500e-003 | 3.0000e-005 | 1.1800e-003 | 0.0000 | 3.8393 | 3.8393 | 1.1000e-004 | 0.0000 | 3.8421 |
| Total | 2.2000e-003 | 1.4900e-003 | 0.0163 | 4.0000e-005 | 4.3300e-003 | 3.0000e-005 | 4.3600e-003 | 1.1500e-003 | 3.0000e-005 | 1.1800e-003 | 0.0000 | 3.8393 | 3.8393 | 1.1000e-004 | 0.0000 | 3.8421 |

3.4 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 | | | | | 1.1667 | 0.0000 | 1.1667 | 0.4598 | 0.0000 | 0.4598 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5260 | 5.8232 | 3.8753 | 7.7800e-003 | | 0.2492 | 0.2492 | | 0.2292 | 0.2292 | 0.0000 | 683.9120 | 683.9120 | 0.2212 | 0.0000 | 689.4418 |
| Total | 0.5260 | 5.8232 | 3.8753 | 7.7800e-003 | 1.1667 | 0.2492 | 1.4159 | 0.4598 | 0.2292 | 0.6890 | 0.0000 | 683.9120 | 683.9120 | 0.2212 | 0.0000 | 689.4418 |

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3.4 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 | 8.6900e-003 | 5.6800e-003 | 0.0635 | 1.7000e-004 | 0.0184 | 1.3000e-004 | 0.0186 | 4.9000e-003 | 1.2000e-004 | 5.0200e-003 | 0.0000 | 15.7773 | 15.7773 | 4.1000e-004 | 0.0000 | 15.7877 |
| Total | 8.6900e-003 | 5.6800e-003 | 0.0635 | 1.7000e-004 | 0.0184 | 1.3000e-004 | 0.0186 | 4.9000e-003 | 1.2000e-004 | 5.0200e-003 | 0.0000 | 15.7773 | 15.7773 | 4.1000e-004 | 0.0000 | 15.7877 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 1.1667 | 0.0000 | 1.1667 | 0.4598 | 0.0000 | 0.4598 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5260 | 5.8232 | 3.8752 | 7.7800e-003 | | 0.2492 | 0.2492 | | 0.2292 | 0.2292 | 0.0000 | 683.9112 | 683.9112 | 0.2212 | 0.0000 | 689.4410 |
| Total | 0.5260 | 5.8232 | 3.8752 | 7.7800e-003 | 1.1667 | 0.2492 | 1.4159 | 0.4598 | 0.2292 | 0.6890 | 0.0000 | 683.9112 | 683.9112 | 0.2212 | 0.0000 | 689.4410 |

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3.4 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 | 8.6900e-003 | 5.6800e-003 | 0.0635 | 1.7000e-004 | 0.0184 | 1.3000e-004 | 0.0186 | 4.9000e-003 | 1.2000e-004 | 5.0200e-003 | 0.0000 | 15.7773 | 15.7773 | 4.1000e-004 | 0.0000 | 15.7877 |
| Total | 8.6900e-003 | 5.6800e-003 | 0.0635 | 1.7000e-004 | 0.0184 | 1.3000e-004 | 0.0186 | 4.9000e-003 | 1.2000e-004 | 5.0200e-003 | 0.0000 | 15.7773 | 15.7773 | 4.1000e-004 | 0.0000 | 15.7877 |

3.5 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 | 9.5000e-003 | 0.0872 | 0.0829 | 1.3000e-004 | | 4.7900e-003 | 4.7900e-003 | | 4.5100e-003 | 4.5100e-003 | 0.0000 | 11.5819 | 11.5819 | 2.7900e-003 | 0.0000 | 11.6517 |
| Total | 9.5000e-003 | 0.0872 | 0.0829 | 1.3000e-004 | | 4.7900e-003 | 4.7900e-003 | | 4.5100e-003 | 4.5100e-003 | 0.0000 | 11.5819 | 11.5819 | 2.7900e-003 | 0.0000 | 11.6517 |

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3.5 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 | 0.0104 | 0.3371 | 0.0901 | 8.0000e-004 | 0.0193 | 9.3000e-004 | 0.0202 | 5.5700e-003 | 8.9000e-004 | 6.4600e-003 | 0.0000 | 77.3154 | 77.3154 | 4.4200e-003 | 0.0000 | 77.4259 |
| Worker | 0.0379 | 0.0247 | 0.2766 | 7.6000e-004 | 0.0803 | 5.6000e-004 | 0.0808 | 0.0214 | 5.2000e-004 | 0.0219 | 0.0000 | 68.7037 | 68.7037 | 1.8000e-003 | 0.0000 | 68.7488 |
| Total | 0.0482 | 0.3618 | 0.3667 | 1.5600e-003 | 0.0995 | 1.4900e-003 | 0.1010 | 0.0269 | 1.4100e-003 | 0.0283 | 0.0000 | 146.0191 | 146.0191 | 6.2200e-003 | 0.0000 | 146.1747 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 9.5000e-003 | 0.0872 | 0.0829 | 1.3000e-004 | | 4.7900e-003 | 4.7900e-003 | | 4.5100e-003 | 4.5100e-003 | 0.0000 | 11.5819 | 11.5819 | 2.7900e-003 | 0.0000 | 11.6517 |
| Total | 9.5000e-003 | 0.0872 | 0.0829 | 1.3000e-004 | | 4.7900e-003 | 4.7900e-003 | | 4.5100e-003 | 4.5100e-003 | 0.0000 | 11.5819 | 11.5819 | 2.7900e-003 | 0.0000 | 11.6517 |

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3.5 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 | 0.0104 | 0.3371 | 0.0901 | 8.0000e-004 | 0.0193 | 9.3000e-004 | 0.0202 | 5.5700e-003 | 8.9000e-004 | 6.4600e-003 | 0.0000 | 77.3154 | 77.3154 | 4.4200e-003 | 0.0000 | 77.4259 |
| Worker | 0.0379 | 0.0247 | 0.2766 | 7.6000e-004 | 0.0803 | 5.6000e-004 | 0.0808 | 0.0214 | 5.2000e-004 | 0.0219 | 0.0000 | 68.7037 | 68.7037 | 1.8000e-003 | 0.0000 | 68.7488 |
| Total | 0.0482 | 0.3618 | 0.3667 | 1.5600e-003 | 0.0995 | 1.4900e-003 | 0.1010 | 0.0269 | 1.4100e-003 | 0.0283 | 0.0000 | 146.0191 | 146.0191 | 6.2200e-003 | 0.0000 | 146.1747 |

3.5 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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3.5 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 | 0.2501 | 8.3211 | 2.1597 | 0.0207 | 0.5008 | 0.0212 | 0.5221 | 0.1447 | 0.0203 | 0.1650 | 0.0000 | 1,992.5304 | 1,992.5304 | 0.1117 | 0.0000 | 1,995.3218 |
| Worker | 0.9196 | 0.5782 | 6.6094 | 0.0191 | 2.0871 | 0.0142 | 2.1013 | 0.5551 | 0.0131 | 0.5682 | 0.0000 | 1,722.3134 | 1,722.3134 | 0.0421 | 0.0000 | 1,723.3669 |
| Total | 1.1697 | 8.8993 | 8.7691 | 0.0398 | 2.5879 | 0.0355 | 2.6234 | 0.6998 | 0.0334 | 0.7332 | 0.0000 | 3,714.8438 | 3,714.8438 | 0.1538 | 0.0000 | 3,718.6887 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.2501 | 8.3211 | 2.1597 | 0.0207 | 0.5008 | 0.0212 | 0.5221 | 0.1447 | 0.0203 | 0.1650 | 0.0000 | 1,992.5304 | 1,992.5304 | 0.1117 | 0.0000 | 1,995.3218 |
| Worker | 0.9196 | 0.5782 | 6.6094 | 0.0191 | 2.0871 | 0.0142 | 2.1013 | 0.5551 | 0.0131 | 0.5682 | 0.0000 | 1,722.3134 | 1,722.3134 | 0.0421 | 0.0000 | 1,723.3669 |
| Total | 1.1697 | 8.8993 | 8.7691 | 0.0398 | 2.5879 | 0.0355 | 2.6234 | 0.6998 | 0.0334 | 0.7332 | 0.0000 | 3,714.8438 | 3,714.8438 | 0.1538 | 0.0000 | 3,718.6887 |

3.5 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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3.5 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 | 0.1977 | 7.0328 | 1.9106 | 0.0203 | 0.5008 | 0.0101 | 0.5109 | 0.1447 | 9.6600e-003 | 0.1544 | 0.0000 | 1,955.7016 | 1,955.7016 | 0.1002 | 0.0000 | 1,958.2055 |
| Worker | 0.8608 | 0.5202 | 6.0701 | 0.0183 | 2.0871 | 0.0139 | 2.1010 | 0.5551 | 0.0128 | 0.5679 | 0.0000 | 1,657.6379 | 1,657.6379 | 0.0378 | 0.0000 | 1,658.5824 |
| Total | 1.0585 | 7.5530 | 7.9807 | 0.0387 | 2.5879 | 0.0240 | 2.6119 | 0.6998 | 0.0224 | 0.7223 | 0.0000 | 3,613.3395 | 3,613.3395 | 0.1379 | 0.0000 | 3,616.7879 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.1977 | 7.0328 | 1.9106 | 0.0203 | 0.5008 | 0.0101 | 0.5109 | 0.1447 | 9.6600e-003 | 0.1544 | 0.0000 | 1,955.7016 | 1,955.7016 | 0.1002 | 0.0000 | 1,958.2055 |
| Worker | 0.8608 | 0.5202 | 6.0701 | 0.0183 | 2.0871 | 0.0139 | 2.1010 | 0.5551 | 0.0128 | 0.5679 | 0.0000 | 1,657.6379 | 1,657.6379 | 0.0378 | 0.0000 | 1,658.5824 |
| Total | 1.0585 | 7.5530 | 7.9807 | 0.0387 | 2.5879 | 0.0240 | 2.6119 | 0.6998 | 0.0224 | 0.7223 | 0.0000 | 3,613.3395 | 3,613.3395 | 0.1379 | 0.0000 | 3,616.7879 |

3.5 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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3.5 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 | 0.1898 | 6.9516 | 1.7999 | 0.0204 | 0.5046 | 9.6700e-003 | 0.5142 | 0.1458 | 9.2400e-003 | 0.1550 | 0.0000 | 1,959.3045 | 1,959.3045 | 0.0997 | 0.0000 | 1,961.7971 |
| Worker | 0.8156 | 0.4738 | 5.6645 | 0.0178 | 2.1032 | 0.0137 | 2.1169 | 0.5594 | 0.0126 | 0.5720 | 0.0000 | 1,605.4556 | 1,605.4556 | 0.0343 | 0.0000 | 1,606.3141 |
| Total | 1.0055 | 7.4254 | 7.4644 | 0.0381 | 2.6077 | 0.0233 | 2.6311 | 0.7052 | 0.0218 | 0.7270 | 0.0000 | 3,564.7601 | 3,564.7601 | 0.1340 | 0.0000 | 3,568.1112 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

3.5 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 | 0.1898 | 6.9516 | 1.7999 | 0.0204 | 0.5046 | 9.6700e-003 | 0.5142 | 0.1458 | 9.2400e-003 | 0.1550 | 0.0000 | 1,959.3045 | 1,959.3045 | 0.0997 | 0.0000 | 1,961.7971 |
| Worker | 0.8156 | 0.4738 | 5.6645 | 0.0178 | 2.1032 | 0.0137 | 2.1169 | 0.5594 | 0.0126 | 0.5720 | 0.0000 | 1,605.4556 | 1,605.4556 | 0.0343 | 0.0000 | 1,606.3141 |
| Total | 1.0055 | 7.4254 | 7.4644 | 0.0381 | 2.6077 | 0.0233 | 2.6311 | 0.7052 | 0.0218 | 0.7270 | 0.0000 | 3,564.7601 | 3,564.7601 | 0.1340 | 0.0000 | 3,568.1112 |

3.5 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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3.5 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 | 0.1814 | 6.7967 | 1.6977 | 0.0201 | 0.5026 | 9.1300e-003 | 0.5117 | 0.1452 | 8.7300e-003 | 0.1540 | 0.0000 | 1,940.8090 | 1,940.8090 | 0.0982 | 0.0000 | 1,943.2629 |
| Worker | 0.7673 | 0.4286 | 5.2269 | 0.0170 | 2.0952 | 0.0134 | 2.1085 | 0.5572 | 0.0123 | 0.5695 | 0.0000 | 1,535.2962 | 1,535.2962 | 0.0310 | 0.0000 | 1,536.0713 |
| Total | 0.9487 | 7.2253 | 6.9246 | 0.0371 | 2.5977 | 0.0225 | 2.6202 | 0.7025 | 0.0210 | 0.7235 | 0.0000 | 3,476.1052 | 3,476.1052 | 0.1292 | 0.0000 | 3,479.3342 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

3.5 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 | 0.1814 | 6.7967 | 1.6977 | 0.0201 | 0.5026 | 9.1300e-003 | 0.5117 | 0.1452 | 8.7300e-003 | 0.1540 | 0.0000 | 1,940.8090 | 1,940.8090 | 0.0982 | 0.0000 | 1,943.2629 |
| Worker | 0.7673 | 0.4286 | 5.2269 | 0.0170 | 2.0952 | 0.0134 | 2.1085 | 0.5572 | 0.0123 | 0.5695 | 0.0000 | 1,535.2962 | 1,535.2962 | 0.0310 | 0.0000 | 1,536.0713 |
| Total | 0.9487 | 7.2253 | 6.9246 | 0.0371 | 2.5977 | 0.0225 | 2.6202 | 0.7025 | 0.0210 | 0.7235 | 0.0000 | 3,476.1052 | 3,476.1052 | 0.1292 | 0.0000 | 3,479.3342 |

3.5 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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3.5 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 | 0.1746 | 6.6746 | 1.6201 | 0.0200 | 0.5026 | 8.6400e-003 | 0.5112 | 0.1452 | 8.2600e-003 | 0.1535 | 0.0000 | 1,930.3418 | 1,930.3418 | 0.0971 | 0.0000 | 1,932.7693 |
| Worker | 0.7274 | 0.3916 | 4.8650 | 0.0163 | 2.0952 | 0.0130 | 2.1081 | 0.5572 | 0.0119 | 0.5692 | 0.0000 | 1,478.2538 | 1,478.2538 | 0.0282 | 0.0000 | 1,478.9594 |
| Total | 0.9020 | 7.0661 | 6.4850 | 0.0364 | 2.5977 | 0.0216 | 2.6193 | 0.7025 | 0.0202 | 0.7227 | 0.0000 | 3,408.5956 | 3,408.5956 | 0.1253 | 0.0000 | 3,411.7286 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.1746 | 6.6746 | 1.6201 | 0.0200 | 0.5026 | 8.6400e-003 | 0.5112 | 0.1452 | 8.2600e-003 | 0.1535 | 0.0000 | 1,930.3418 | 1,930.3418 | 0.0971 | 0.0000 | 1,932.7693 |
| Worker | 0.7274 | 0.3916 | 4.8650 | 0.0163 | 2.0952 | 0.0130 | 2.1081 | 0.5572 | 0.0119 | 0.5692 | 0.0000 | 1,478.2538 | 1,478.2538 | 0.0282 | 0.0000 | 1,478.9594 |
| Total | 0.9020 | 7.0661 | 6.4850 | 0.0364 | 2.5977 | 0.0216 | 2.6193 | 0.7025 | 0.0202 | 0.7227 | 0.0000 | 3,408.5956 | 3,408.5956 | 0.1253 | 0.0000 | 3,411.7286 |

3.5 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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3.5 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 | 0.1686 | 6.5623 | 1.5526 | 0.0199 | 0.5025 | 8.2200e-003 | 0.5107 | 0.1452 | 7.8600e-003 | 0.1531 | 0.0000 | 1,920.4986 | 1,920.4986 | 0.0961 | 0.0000 | 1,922.9002 |
| Worker | 0.6883 | 0.3583 | 4.5382 | 0.0158 | 2.0952 | 0.0123 | 2.1075 | 0.5572 | 0.0114 | 0.5686 | 0.0000 | 1,427.1901 | 1,427.1901 | 0.0257 | 0.0000 | 1,427.8330 |
| Total | 0.8568 | 6.9206 | 6.0908 | 0.0357 | 2.5977 | 0.0206 | 2.6182 | 0.7024 | 0.0192 | 0.7216 | 0.0000 | 3,347.6886 | 3,347.6886 | 0.1218 | 0.0000 | 3,350.7331 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.1686 | 6.5623 | 1.5526 | 0.0199 | 0.5025 | 8.2200e-003 | 0.5107 | 0.1452 | 7.8600e-003 | 0.1531 | 0.0000 | 1,920.4986 | 1,920.4986 | 0.0961 | 0.0000 | 1,922.9002 |
| Worker | 0.6883 | 0.3583 | 4.5382 | 0.0158 | 2.0952 | 0.0123 | 2.1075 | 0.5572 | 0.0114 | 0.5686 | 0.0000 | 1,427.1901 | 1,427.1901 | 0.0257 | 0.0000 | 1,427.8330 |
| Total | 0.8568 | 6.9206 | 6.0908 | 0.0357 | 2.5977 | 0.0206 | 2.6182 | 0.7024 | 0.0192 | 0.7216 | 0.0000 | 3,347.6886 | 3,347.6886 | 0.1218 | 0.0000 | 3,350.7331 |

3.5 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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3.5 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 | 0.1627 | 6.4420 | 1.4898 | 0.0198 | 0.5006 | 7.8200e-003 | 0.5084 | 0.1446 | 7.4700e-003 | 0.1521 | 0.0000 | 1,904.7753 | 1,904.7753 | 0.0947 | 0.0000 | 1,907.1417 |
| Worker | 0.6452 | 0.3275 | 4.2339 | 0.0152 | 2.0871 | 0.0115 | 2.0986 | 0.5551 | 0.0106 | 0.5657 | 0.0000 | 1,376.5657 | 1,376.5657 | 0.0235 | 0.0000 | 1,377.1521 |
| Total | 0.8079 | 6.7694 | 5.7237 | 0.0350 | 2.5877 | 0.0193 | 2.6070 | 0.6997 | 0.0180 | 0.7178 | 0.0000 | 3,281.3410 | 3,281.3410 | 0.1181 | 0.0000 | 3,284.2938 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.1627 | 6.4420 | 1.4898 | 0.0198 | 0.5006 | 7.8200e-003 | 0.5084 | 0.1446 | 7.4700e-003 | 0.1521 | 0.0000 | 1,904.7753 | 1,904.7753 | 0.0947 | 0.0000 | 1,907.1417 |
| Worker | 0.6452 | 0.3275 | 4.2339 | 0.0152 | 2.0871 | 0.0115 | 2.0986 | 0.5551 | 0.0106 | 0.5657 | 0.0000 | 1,376.5657 | 1,376.5657 | 0.0235 | 0.0000 | 1,377.1521 |
| Total | 0.8079 | 6.7694 | 5.7237 | 0.0350 | 2.5877 | 0.0193 | 2.6070 | 0.6997 | 0.0180 | 0.7178 | 0.0000 | 3,281.3410 | 3,281.3410 | 0.1181 | 0.0000 | 3,284.2938 |

3.5 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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3.5 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 | 0.1585 | 6.3758 | 1.4478 | 0.0197 | 0.5025 | 7.4700e-003 | 0.5099 | 0.1452 | 7.1400e-003 | 0.1523 | 0.0000 | 1,904.4582 | 1,904.4582 | 0.0940 | 0.0000 | 1,906.8074 |
| Worker | 0.6035 | 0.3012 | 3.9735 | 0.0148 | 2.0952 | 0.0107 | 2.1059 | 0.5572 | 9.8600e-003 | 0.5671 | 0.0000 | 1,341.6855 | 1,341.6855 | 0.0215 | 0.0000 | 1,342.2226 |
| Total | 0.7620 | 6.6769 | 5.4213 | 0.0346 | 2.5976 | 0.0182 | 2.6158 | 0.7024 | 0.0170 | 0.7194 | 0.0000 | 3,246.1436 | 3,246.1436 | 0.1155 | 0.0000 | 3,249.0300 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.1585 | 6.3758 | 1.4478 | 0.0197 | 0.5025 | 7.4700e-003 | 0.5099 | 0.1452 | 7.1400e-003 | 0.1523 | 0.0000 | 1,904.4582 | 1,904.4582 | 0.0940 | 0.0000 | 1,906.8074 |
| Worker | 0.6035 | 0.3012 | 3.9735 | 0.0148 | 2.0952 | 0.0107 | 2.1059 | 0.5572 | 9.8600e-003 | 0.5671 | 0.0000 | 1,341.6855 | 1,341.6855 | 0.0215 | 0.0000 | 1,342.2226 |
| Total | 0.7620 | 6.6769 | 5.4213 | 0.0346 | 2.5976 | 0.0182 | 2.6158 | 0.7024 | 0.0170 | 0.7194 | 0.0000 | 3,246.1436 | 3,246.1436 | 0.1155 | 0.0000 | 3,249.0300 |

3.5 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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3.5 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 | 0.1542 | 6.2906 | 1.4085 | 0.0197 | 0.5024 | 7.0900e-003 | 0.5095 | 0.1452 | 6.7800e-003 | 0.1520 | 0.0000 | 1,897.6337 | 1,897.6337 | 0.0929 | 0.0000 | 1,899.9558 |
| Worker | 0.5608 | 0.2763 | 3.7246 | 0.0144 | 2.0952 | 9.9800e-003 | 2.1051 | 0.5572 | 9.1900e-003 | 0.5664 | 0.0000 | 1,306.2943 | 1,306.2943 | 0.0197 | 0.0000 | 1,306.7854 |
| Total | 0.7150 | 6.5669 | 5.1331 | 0.0341 | 2.5976 | 0.0171 | 2.6147 | 0.7024 | 0.0160 | 0.7184 | 0.0000 | 3,203.9279 | 3,203.9279 | 0.1125 | 0.0000 | 3,206.7412 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.1542 | 6.2906 | 1.4085 | 0.0197 | 0.5024 | 7.0900e-003 | 0.5095 | 0.1452 | 6.7800e-003 | 0.1520 | 0.0000 | 1,897.6337 | 1,897.6337 | 0.0929 | 0.0000 | 1,899.9558 |
| Worker | 0.5608 | 0.2763 | 3.7246 | 0.0144 | 2.0952 | 9.9800e-003 | 2.1051 | 0.5572 | 9.1900e-003 | 0.5664 | 0.0000 | 1,306.2943 | 1,306.2943 | 0.0197 | 0.0000 | 1,306.7854 |
| Total | 0.7150 | 6.5669 | 5.1331 | 0.0341 | 2.5976 | 0.0171 | 2.6147 | 0.7024 | 0.0160 | 0.7184 | 0.0000 | 3,203.9279 | 3,203.9279 | 0.1125 | 0.0000 | 3,206.7412 |

3.5 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 | 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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3.5 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 | 0.1506 | 6.2133 | 1.3762 | 0.0196 | 0.5024 | 6.7500e-003 | 0.5092 | 0.1452 | 6.4500e-003 | 0.1516 | 0.0000 | 1,891.8306 | 1,891.8306 | 0.0920 | 0.0000 | 1,894.1293 |
| Worker | 0.5155 | 0.2528 | 3.4871 | 0.0141 | 2.0952 | 9.2900e-003 | 2.1044 | 0.5572 | 8.5400e-003 | 0.5658 | 0.0000 | 1,275.2475 | 1,275.2475 | 0.0179 | 0.0000 | 1,275.6956 |
| Total | 0.6661 | 6.4661 | 4.8633 | 0.0337 | 2.5976 | 0.0160 | 2.6136 | 0.7024 | 0.0150 | 0.7174 | 0.0000 | 3,167.0782 | 3,167.0782 | 0.1099 | 0.0000 | 3,169.8249 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.1506 | 6.2133 | 1.3762 | 0.0196 | 0.5024 | 6.7500e-003 | 0.5092 | 0.1452 | 6.4500e-003 | 0.1516 | 0.0000 | 1,891.8306 | 1,891.8306 | 0.0920 | 0.0000 | 1,894.1293 |
| Worker | 0.5155 | 0.2528 | 3.4871 | 0.0141 | 2.0952 | 9.2900e-003 | 2.1044 | 0.5572 | 8.5400e-003 | 0.5658 | 0.0000 | 1,275.2475 | 1,275.2475 | 0.0179 | 0.0000 | 1,275.6956 |
| Total | 0.6661 | 6.4661 | 4.8633 | 0.0337 | 2.5976 | 0.0160 | 2.6136 | 0.7024 | 0.0150 | 0.7174 | 0.0000 | 3,167.0782 | 3,167.0782 | 0.1099 | 0.0000 | 3,169.8249 |

3.5 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 | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3479 | 344.3479 | 0.0138 | 0.0000 | 344.6933 |
| Total | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3479 | 344.3479 | 0.0138 | 0.0000 | 344.6933 |

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3.5 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 | 0.1481 | 6.1651 | 1.3559 | 0.0196 | 0.5043 | 6.5000e-003 | 0.5108 | 0.1457 | 6.2200e-003 | 0.1519 | 0.0000 | 1,894.3216 | 1,894.3216 | 0.0915 | 0.0000 | 1,896.6083 |
| Worker | 0.4768 | 0.2334 | 3.2904 | 0.0138 | 2.1032 | 8.6700e-003 | 2.1119 | 0.5594 | 7.9800e-003 | 0.5674 | 0.0000 | 1,252.9980 | 1,252.9980 | 0.0165 | 0.0000 | 1,253.4102 |
| Total | 0.6250 | 6.3985 | 4.6463 | 0.0335 | 2.6075 | 0.0152 | 2.6227 | 0.7051 | 0.0142 | 0.7193 | 0.0000 | 3,147.3196 | 3,147.3196 | 0.1080 | 0.0000 | 3,150.0185 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3475 | 344.3475 | 0.0138 | 0.0000 | 344.6929 |
| Total | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3475 | 344.3475 | 0.0138 | 0.0000 | 344.6929 |

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3.5 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 | 0.1481 | 6.1651 | 1.3559 | 0.0196 | 0.5043 | 6.5000e-003 | 0.5108 | 0.1457 | 6.2200e-003 | 0.1519 | 0.0000 | 1,894.3216 | 1,894.3216 | 0.0915 | 0.0000 | 1,896.6083 |
| Worker | 0.4768 | 0.2334 | 3.2904 | 0.0138 | 2.1032 | 8.6700e-003 | 2.1119 | 0.5594 | 7.9800e-003 | 0.5674 | 0.0000 | 1,252.9980 | 1,252.9980 | 0.0165 | 0.0000 | 1,253.4102 |
| Total | 0.6250 | 6.3985 | 4.6463 | 0.0335 | 2.6075 | 0.0152 | 2.6227 | 0.7051 | 0.0142 | 0.7193 | 0.0000 | 3,147.3196 | 3,147.3196 | 0.1080 | 0.0000 | 3,150.0185 |

3.5 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 | 0.1440 | 0.8728 | 1.7773 | 3.4100e-003 | | 0.0163 | 0.0163 | | 0.0163 | 0.0163 | 0.0000 | 289.1471 | 289.1471 | 0.0116 | 0.0000 | 289.4371 |
| Total | 0.1440 | 0.8728 | 1.7773 | 3.4100e-003 | | 0.0163 | 0.0163 | | 0.0163 | 0.0163 | 0.0000 | 289.1471 | 289.1471 | 0.0116 | 0.0000 | 289.4371 |

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3.5 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 | 0.1222 | 5.1230 | 1.1202 | 0.0164 | 0.4235 | 5.2700e-003 | 0.4287 | 0.1224 | 5.0400e-003 | 0.1274 | 0.0000 | 1,587.1606 | 1,587.1606 | 0.0762 | 0.0000 | 1,589.0654 |
| Worker | 0.3726 | 0.1821 | 2.6144 | 0.0114 | 1.7660 | 6.7900e-003 | 1.7728 | 0.4697 | 6.2500e-003 | 0.4760 | 0.0000 | 1,032.4933 | 1,032.4933 | 0.0128 | 0.0000 | 1,032.8130 |
| Total | 0.4948 | 5.3051 | 3.7346 | 0.0278 | 2.1895 | 0.0121 | 2.2016 | 0.5921 | 0.0113 | 0.6033 | 0.0000 | 2,619.6539 | 2,619.6539 | 0.0890 | 0.0000 | 2,621.8784 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1440 | 0.8728 | 1.7773 | 3.4100e-003 | | 0.0163 | 0.0163 | | 0.0163 | 0.0163 | 0.0000 | 289.1468 | 289.1468 | 0.0116 | 0.0000 | 289.4368 |
| Total | 0.1440 | 0.8728 | 1.7773 | 3.4100e-003 | | 0.0163 | 0.0163 | | 0.0163 | 0.0163 | 0.0000 | 289.1468 | 289.1468 | 0.0116 | 0.0000 | 289.4368 |

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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 | 0.1222 | 5.1230 | 1.1202 | 0.0164 | 0.4235 | 5.2700e-003 | 0.4287 | 0.1224 | 5.0400e-003 | 0.1274 | 0.0000 | 1,587.1606 | 1,587.1606 | 0.0762 | 0.0000 | 1,589.0654 |
| Worker | 0.3726 | 0.1821 | 2.6144 | 0.0114 | 1.7660 | 6.7900e-003 | 1.7728 | 0.4697 | 6.2500e-003 | 0.4760 | 0.0000 | 1,032.4933 | 1,032.4933 | 0.0128 | 0.0000 | 1,032.8130 |
| Total | 0.4948 | 5.3051 | 3.7346 | 0.0278 | 2.1895 | 0.0121 | 2.2016 | 0.5921 | 0.0113 | 0.6033 | 0.0000 | 2,619.6539 | 2,619.6539 | 0.0890 | 0.0000 | 2,621.8784 |

3.6 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 | 0.0277 | 0.1424 | 0.3170 | 5.6000e-004 | | 6.6100e-003 | 6.6100e-003 | | 6.6100e-003 | 6.6100e-003 | 0.0000 | 48.1990 | 48.1990 | 2.2600e-003 | 0.0000 | 48.2555 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0277 | 0.1424 | 0.3170 | 5.6000e-004 | | 6.6100e-003 | 6.6100e-003 | | 6.6100e-003 | 6.6100e-003 | 0.0000 | 48.1990 | 48.1990 | 2.2600e-003 | 0.0000 | 48.2555 |

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3.6 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 | 4.6000e-004 | 2.3000e-004 | 3.2600e-003 | 1.0000e-005 | 2.2000e-003 | 1.0000e-005 | 2.2100e-003 | 5.9000e-004 | 1.0000e-005 | 5.9000e-004 | 0.0000 | 1.2882 | 1.2882 | 2.0000e-005 | 0.0000 | 1.2886 |
| Total | 4.6000e-004 | 2.3000e-004 | 3.2600e-003 | 1.0000e-005 | 2.2000e-003 | 1.0000e-005 | 2.2100e-003 | 5.9000e-004 | 1.0000e-005 | 5.9000e-004 | 0.0000 | 1.2882 | 1.2882 | 2.0000e-005 | 0.0000 | 1.2886 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0277 | 0.1424 | 0.3170 | 5.6000e-004 | | 6.6100e-003 | 6.6100e-003 | | 6.6100e-003 | 6.6100e-003 | 0.0000 | 48.1990 | 48.1990 | 2.2600e-003 | 0.0000 | 48.2555 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0277 | 0.1424 | 0.3170 | 5.6000e-004 | | 6.6100e-003 | 6.6100e-003 | | 6.6100e-003 | 6.6100e-003 | 0.0000 | 48.1990 | 48.1990 | 2.2600e-003 | 0.0000 | 48.2555 |

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3.6 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 | 4.6000e-004 | 2.3000e-004 | 3.2600e-003 | 1.0000e-005 | 2.2000e-003 | 1.0000e-005 | 2.2100e-003 | 5.9000e-004 | 1.0000e-005 | 5.9000e-004 | 0.0000 | 1.2882 | 1.2882 | 2.0000e-005 | 0.0000 | 1.2886 |
| Total | 4.6000e-004 | 2.3000e-004 | 3.2600e-003 | 1.0000e-005 | 2.2000e-003 | 1.0000e-005 | 2.2100e-003 | 5.9000e-004 | 1.0000e-005 | 5.9000e-004 | 0.0000 | 1.2882 | 1.2882 | 2.0000e-005 | 0.0000 | 1.2886 |

3.6 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 | 0.1246 | 0.6408 | 1.4265 | 2.5200e-003 | | 0.0298 | 0.0298 | | 0.0298 | 0.0298 | 0.0000 | 216.8956 | 216.8956 | 0.0102 | 0.0000 | 217.1498 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1246 | 0.6408 | 1.4265 | 2.5200e-003 | | 0.0298 | 0.0298 | | 0.0298 | 0.0298 | 0.0000 | 216.8956 | 216.8956 | 0.0102 | 0.0000 | 217.1498 |

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3.6 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 | 1.9500e-003 | 9.6000e-004 | 0.0139 | 6.0000e-005 | 9.9100e-003 | 4.0000e-005 | 9.9500e-003 | 2.6400e-003 | 3.0000e-005 | 2.6700e-003 | 0.0000 | 5.7014 | 5.7014 | 7.0000e-005 | 0.0000 | 5.7031 |
| Total | 1.9500e-003 | 9.6000e-004 | 0.0139 | 6.0000e-005 | 9.9100e-003 | 4.0000e-005 | 9.9500e-003 | 2.6400e-003 | 3.0000e-005 | 2.6700e-003 | 0.0000 | 5.7014 | 5.7014 | 7.0000e-005 | 0.0000 | 5.7031 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1246 | 0.6408 | 1.4265 | 2.5200e-003 | | 0.0298 | 0.0298 | | 0.0298 | 0.0298 | 0.0000 | 216.8954 | 216.8954 | 0.0102 | 0.0000 | 217.1496 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1246 | 0.6408 | 1.4265 | 2.5200e-003 | | 0.0298 | 0.0298 | | 0.0298 | 0.0298 | 0.0000 | 216.8954 | 216.8954 | 0.0102 | 0.0000 | 217.1496 |

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3.6 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 | 1.9500e-003 | 9.6000e-004 | 0.0139 | 6.0000e-005 | 9.9100e-003 | 4.0000e-005 | 9.9500e-003 | 2.6400e-003 | 3.0000e-005 | 2.6700e-003 | 0.0000 | 5.7014 | 5.7014 | 7.0000e-005 | 0.0000 | 5.7031 |
| Total | 1.9500e-003 | 9.6000e-004 | 0.0139 | 6.0000e-005 | 9.9100e-003 | 4.0000e-005 | 9.9500e-003 | 2.6400e-003 | 3.0000e-005 | 2.6700e-003 | 0.0000 | 5.7014 | 5.7014 | 7.0000e-005 | 0.0000 | 5.7031 |

3.7 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 | 3.4853 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 5.2300e-003 | 0.0343 | 0.0719 | 1.2000e-004 | | 8.1000e-004 | 8.1000e-004 | | 8.1000e-004 | 8.1000e-004 | 0.0000 | 10.2130 | 10.2130 | 4.1000e-004 | 0.0000 | 10.2234 |
| Total | 3.4905 | 0.0343 | 0.0719 | 1.2000e-004 | | 8.1000e-004 | 8.1000e-004 | | 8.1000e-004 | 8.1000e-004 | 0.0000 | 10.2130 | 10.2130 | 4.1000e-004 | 0.0000 | 10.2234 |

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3.7 Architectural Coating - 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 | 0.0253 | 0.0124 | 0.1798 | 8.1000e-004 | 0.1284 | 4.6000e-004 | 0.1288 | 0.0341 | 4.2000e-004 | 0.0346 | 0.0000 | 73.8225 | 73.8225 | 8.6000e-004 | 0.0000 | 73.8440 |
| Total | 0.0253 | 0.0124 | 0.1798 | 8.1000e-004 | 0.1284 | 4.6000e-004 | 0.1288 | 0.0341 | 4.2000e-004 | 0.0346 | 0.0000 | 73.8225 | 73.8225 | 8.6000e-004 | 0.0000 | 73.8440 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 3.4853 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 5.2300e-003 | 0.0343 | 0.0719 | 1.2000e-004 | | 8.1000e-004 | 8.1000e-004 | | 8.1000e-004 | 8.1000e-004 | 0.0000 | 10.2130 | 10.2130 | 4.1000e-004 | 0.0000 | 10.2233 |
| Total | 3.4905 | 0.0343 | 0.0719 | 1.2000e-004 | | 8.1000e-004 | 8.1000e-004 | | 8.1000e-004 | 8.1000e-004 | 0.0000 | 10.2130 | 10.2130 | 4.1000e-004 | 0.0000 | 10.2233 |

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3.7 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 | 0.0253 | 0.0124 | 0.1798 | 8.1000e-004 | 0.1284 | 4.6000e-004 | 0.1288 | 0.0341 | 4.2000e-004 | 0.0346 | 0.0000 | 73.8225 | 73.8225 | 8.6000e-004 | 0.0000 | 73.8440 |
| Total | 0.0253 | 0.0124 | 0.1798 | 8.1000e-004 | 0.1284 | 4.6000e-004 | 0.1288 | 0.0341 | 4.2000e-004 | 0.0346 | 0.0000 | 73.8225 | 73.8225 | 8.6000e-004 | 0.0000 | 73.8440 |

3.7 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 | 6.0992 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 8.2500e-003 | 0.0530 | 0.1256 | 2.1000e-004 | | 6.9000e-004 | 6.9000e-004 | | 6.9000e-004 | 6.9000e-004 | 0.0000 | 17.8728 | 17.8728 | 6.6000e-004 | 0.0000 | 17.8893 |
| Total | 6.1075 | 0.0530 | 0.1256 | 2.1000e-004 | | 6.9000e-004 | 6.9000e-004 | | 6.9000e-004 | 6.9000e-004 | 0.0000 | 17.8728 | 17.8728 | 6.6000e-004 | 0.0000 | 17.8893 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

3.7 Architectural Coating - 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 | 0.0416 | 0.0205 | 0.2994 | 1.4100e-003 | 0.2247 | 7.5000e-004 | 0.2254 | 0.0598 | 6.9000e-004 | 0.0605 | 0.0000 | 127.3536 | 127.3536 | 1.4000e-003 | 0.0000 | 127.3885 |
| Total | 0.0416 | 0.0205 | 0.2994 | 1.4100e-003 | 0.2247 | 7.5000e-004 | 0.2254 | 0.0598 | 6.9000e-004 | 0.0605 | 0.0000 | 127.3536 | 127.3536 | 1.4000e-003 | 0.0000 | 127.3885 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 6.0992 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 8.2500e-003 | 0.0530 | 0.1256 | 2.1000e-004 | | 6.9000e-004 | 6.9000e-004 | | 6.9000e-004 | 6.9000e-004 | 0.0000 | 17.8728 | 17.8728 | 6.6000e-004 | 0.0000 | 17.8893 |
| Total | 6.1075 | 0.0530 | 0.1256 | 2.1000e-004 | | 6.9000e-004 | 6.9000e-004 | | 6.9000e-004 | 6.9000e-004 | 0.0000 | 17.8728 | 17.8728 | 6.6000e-004 | 0.0000 | 17.8893 |

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3.7 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 | 0.0416 | 0.0205 | 0.2994 | 1.4100e-003 | 0.2247 | 7.5000e-004 | 0.2254 | 0.0598 | 6.9000e-004 | 0.0605 | 0.0000 | 127.3536 | 127.3536 | 1.4000e-003 | 0.0000 | 127.3885 |
| Total | 0.0416 | 0.0205 | 0.2994 | 1.4100e-003 | 0.2247 | 7.5000e-004 | 0.2254 | 0.0598 | 6.9000e-004 | 0.0605 | 0.0000 | 127.3536 | 127.3536 | 1.4000e-003 | 0.0000 | 127.3885 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

West Broadway AQ Existing Conditions Op. - Sacramento 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 | 1.6131 | 8.4014 | 17.7295 | 0.0819 | 9.5153 | 0.0424 | 9.5577 | 2.5477 | 0.0394 | 2.5871 | 0.0000 | 7,586.5811 | 7,586.5811 | 0.2842 | 0.0000 | 7,593.6872 |
| Unmitigated | 1.6131 | 8.4014 | 17.7295 | 0.0819 | 9.5153 | 0.0424 | 9.5577 | 2.5477 | 0.0394 | 2.5871 | 0.0000 | 7,586.5811 | 7,586.5811 | 0.2842 | 0.0000 | 7,593.6872 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|------------------------|-------------------------|------------------|-----------------|-------------------|-------------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Apartments Low Rise | 7,334.67 | 7,969.08 | 6755.91 | 15,510,917 | 15,510,917 |
| City Park | 118.50 | 1,426.43 | 1049.60 | 814,524 | 814,524 |
| Elementary School | 1,535.29 | 0.00 | 0.00 | 2,306,054 | 2,306,054 |
| General Light Industry | 181.57 | 34.39 | 17.71 | 379,280 | 379,280 |
| General Light Industry | 2,885.23 | 546.41 | 281.49 | 6,026,986 | 6,026,986 |
| Racquet Club | 70.15 | 106.75 | 87.00 | 102,710 | 102,710 |
| Racquet Club | 291.82 | 444.08 | 361.92 | 427,275 | 427,275 |
| Total | 12,417.23 | 10,527.14 | 8,553.63 | 25,567,746 | 25,567,746 |

4.3 Trip Type Information

West Broadway AQ Existing Conditions Op. - Sacramento 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 |
| Apartments Low Rise | 6.98 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| City Park | 10.15 | 5.00 | 6.50 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |
| Elementary School | 10.00 | 5.00 | 6.50 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| General Light Industry | 10.00 | 5.00 | 6.50 | 59.00 | 28.00 | 13.00 | 92 | 5 | 3 |
| General Light Industry | 10.00 | 5.00 | 6.50 | 59.00 | 28.00 | 13.00 | 92 | 5 | 3 |
| Racquet Club | 10.00 | 5.00 | 6.50 | 11.50 | 69.50 | 19.00 | 52 | 39 | 9 |
| Racquet Club | 10.00 | 5.00 | 6.50 | 11.50 | 69.50 | 19.00 | 52 | 39 | 9 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments Low Rise | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| City Park | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Elementary School | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| General Light Industry | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Racquet Club | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway AQ Existing Conditions Op. - Sacramento 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 | 835.3977 | 835.3977 | 0.1684 | 0.0348 | 849.9917 |
| Electricity Unmitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 835.3977 | 835.3977 | 0.1684 | 0.0348 | 849.9917 |
| NaturalGas Mitigated | 0.1707 | 1.5125 | 1.0133 | 9.3100e-003 | | | 0.1180 | 0.1180 | | 0.1180 | 0.0000 | 1,689.6343 | 1,689.6343 | 0.0324 | 0.0310 | 1,699.6749 |
| NaturalGas Unmitigated | 0.1707 | 1.5125 | 1.0133 | 9.3100e-003 | | | 0.1180 | 0.1180 | | 0.1180 | 0.0000 | 1,689.6343 | 1,689.6343 | 0.0324 | 0.0310 | 1,699.6749 |

West Broadway AQ Existing Conditions Op. - Sacramento 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 | | | | | |
| Apartments Low Rise | 1.34659e+007 | 0.0726 | 0.6205 | 0.2640 | 3.9600e-003 | | 0.0502 | 0.0502 | | 0.0502 | 0.0502 | 0.0000 | 718.5906 | 718.5906 | 0.0138 | 0.0132 | 722.8609 |
| 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 |
| Elementary School | 1.51886e+006 | 8.1900e-003 | 0.0745 | 0.0625 | 4.5000e-004 | | 5.6600e-003 | 5.6600e-003 | | 5.6600e-003 | 5.6600e-003 | 0.0000 | 81.0523 | 81.0523 | 1.5500e-003 | 1.4900e-003 | 81.5340 |
| General Light Industry | 1.48215e+007 | 0.0799 | 0.7265 | 0.6103 | 4.3600e-003 | | 0.0552 | 0.0552 | | 0.0552 | 0.0552 | 0.0000 | 790.9314 | 790.9314 | 0.0152 | 0.0145 | 795.6315 |
| General Light Industry | 932542 | 5.0300e-003 | 0.0457 | 0.0384 | 2.7000e-004 | | 3.4700e-003 | 3.4700e-003 | | 3.4700e-003 | 3.4700e-003 | 0.0000 | 49.7640 | 49.7640 | 9.5000e-004 | 9.1000e-004 | 50.0597 |
| Racquet Club | 179025 | 9.7000e-004 | 8.7800e-003 | 7.3700e-003 | 5.0000e-005 | | 6.7000e-004 | 6.7000e-004 | | 6.7000e-004 | 6.7000e-004 | 0.0000 | 9.5535 | 9.5535 | 1.8000e-004 | 1.8000e-004 | 9.6102 |
| Racquet Club | 744745 | 4.0200e-003 | 0.0365 | 0.0307 | 2.2000e-004 | | 2.7700e-003 | 2.7700e-003 | | 2.7700e-003 | 2.7700e-003 | 0.0000 | 39.7424 | 39.7424 | 7.6000e-004 | 7.3000e-004 | 39.9786 |
| Total | | 0.1707 | 1.5125 | 1.0133 | 9.3100e-003 | | 0.1180 | 0.1180 | | 0.1180 | 0.1180 | 0.0000 | 1,689.6343 | 1,689.6343 | 0.0324 | 0.0310 | 1,699.6749 |

West Broadway AQ Existing Conditions Op. - Sacramento 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 | | | | | |
| Apartments Low Rise | 1.34659e+007 | 0.0726 | 0.6205 | 0.2640 | 3.9600e-003 | | 0.0502 | 0.0502 | | 0.0502 | 0.0502 | 0.0000 | 718.5906 | 718.5906 | 0.0138 | 0.0132 | 722.8609 |
| 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 |
| Elementary School | 1.51886e+006 | 8.1900e-003 | 0.0745 | 0.0625 | 4.5000e-004 | | 5.6600e-003 | 5.6600e-003 | | 5.6600e-003 | 5.6600e-003 | 0.0000 | 81.0523 | 81.0523 | 1.5500e-003 | 1.4900e-003 | 81.5340 |
| General Light Industry | 1.48215e+007 | 0.0799 | 0.7265 | 0.6103 | 4.3600e-003 | | 0.0552 | 0.0552 | | 0.0552 | 0.0552 | 0.0000 | 790.9314 | 790.9314 | 0.0152 | 0.0145 | 795.6315 |
| General Light Industry | 932542 | 5.0300e-003 | 0.0457 | 0.0384 | 2.7000e-004 | | 3.4700e-003 | 3.4700e-003 | | 3.4700e-003 | 3.4700e-003 | 0.0000 | 49.7640 | 49.7640 | 9.5000e-004 | 9.1000e-004 | 50.0597 |
| Racquet Club | 179025 | 9.7000e-004 | 8.7800e-003 | 7.3700e-003 | 5.0000e-005 | | 6.7000e-004 | 6.7000e-004 | | 6.7000e-004 | 6.7000e-004 | 0.0000 | 9.5535 | 9.5535 | 1.8000e-004 | 1.8000e-004 | 9.6102 |
| Racquet Club | 744745 | 4.0200e-003 | 0.0365 | 0.0307 | 2.2000e-004 | | 2.7700e-003 | 2.7700e-003 | | 2.7700e-003 | 2.7700e-003 | 0.0000 | 39.7424 | 39.7424 | 7.6000e-004 | 7.3000e-004 | 39.9786 |
| Total | | 0.1707 | 1.5125 | 1.0133 | 9.3100e-003 | | 0.1180 | 0.1180 | | 0.1180 | 0.1180 | 0.0000 | 1,689.6343 | 1,689.6343 | 0.0324 | 0.0310 | 1,699.6749 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|------------------------|-----------------|-----------------|---------------|---------------|-----------------|
| Land Use | kWh/yr | MT/yr | | | |
| Apartments Low Rise | 5.00209e+006 | 326.3827 | 0.0658 | 0.0136 | 332.0845 |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Elementary School | 728789 | 47.5530 | 9.5900e-003 | 1.9800e-003 | 48.3837 |
| General Light Industry | 395448 | 25.8027 | 5.2000e-003 | 1.0800e-003 | 26.2535 |
| General Light Industry | 6.28512e+006 | 410.0993 | 0.0827 | 0.0171 | 417.2636 |
| Racquet Club | 315812 | 20.6065 | 4.1500e-003 | 8.6000e-004 | 20.9665 |
| Racquet Club | 75916.4 | 4.9535 | 1.0000e-003 | 2.1000e-004 | 5.0400 |
| Total | | 835.3977 | 0.1684 | 0.0349 | 849.9917 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|------------------------|-----------------|-----------------|---------------|---------------|-----------------|
| Land Use | kWh/yr | MT/yr | | | |
| Apartments Low Rise | 5.00209e+006 | 326.3827 | 0.0658 | 0.0136 | 332.0845 |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Elementary School | 728789 | 47.5530 | 9.5900e-003 | 1.9800e-003 | 48.3837 |
| General Light Industry | 395448 | 25.8027 | 5.2000e-003 | 1.0800e-003 | 26.2535 |
| General Light Industry | 6.28512e+006 | 410.0993 | 0.0827 | 0.0171 | 417.2636 |
| Racquet Club | 315812 | 20.6065 | 4.1500e-003 | 8.6000e-004 | 20.9665 |
| Racquet Club | 75916.4 | 4.9535 | 1.0000e-003 | 2.1000e-004 | 5.0400 |
| Total | | 835.3977 | 0.1684 | 0.0349 | 849.9917 |

6.0 Area Detail

6.1 Mitigation Measures Area

West Broadway AQ Existing Conditions Op. - Sacramento 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 | 7.8814 | 0.1320 | 11.4456 | 6.1000e-004 | | 0.0637 | 0.0637 | | 0.0637 | 0.0637 | 0.0000 | 18.7647 | 18.7647 | 0.0179 | 0.0000 | 19.2119 |
| Unmitigated | 7.8814 | 0.1320 | 11.4456 | 6.1000e-004 | | 0.0637 | 0.0637 | | 0.0637 | 0.0637 | 0.0000 | 18.7647 | 18.7647 | 0.0179 | 0.0000 | 19.2119 |

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 | 0.9585 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 6.5803 | | | | | 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 | 0.3427 | 0.1320 | 11.4456 | 6.1000e-004 | | 0.0637 | 0.0637 | | 0.0637 | 0.0637 | 0.0000 | 18.7647 | 18.7647 | 0.0179 | 0.0000 | 19.2119 |
| Total | 7.8814 | 0.1320 | 11.4456 | 6.1000e-004 | | 0.0637 | 0.0637 | | 0.0637 | 0.0637 | 0.0000 | 18.7647 | 18.7647 | 0.0179 | 0.0000 | 19.2119 |

West Broadway AQ Existing Conditions Op. - Sacramento 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 | 0.9585 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 6.5803 | | | | | 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 | 0.3427 | 0.1320 | 11.4456 | 6.1000e-004 | | 0.0637 | 0.0637 | | 0.0637 | 0.0637 | 0.0000 | 18.7647 | 18.7647 | 0.0179 | 0.0000 | 19.2119 |
| Total | 7.8814 | 0.1320 | 11.4456 | 6.1000e-004 | | 0.0637 | 0.0637 | | 0.0637 | 0.0637 | 0.0000 | 18.7647 | 18.7647 | 0.0179 | 0.0000 | 19.2119 |

7.0 Water Detail

7.1 Mitigation Measures Water

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|--------|--------|----------|
| Category | MT/yr | | | |
| Mitigated | 150.7155 | 0.2352 | 0.1411 | 198.6513 |
| Unmitigated | 150.7155 | 0.2352 | 0.1411 | 198.6513 |

7.2 Water by Land Use

Unmitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|------------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| Apartments Low Rise | 72.5164 / 45.7169 | 59.6728 | 0.0952 | 0.0572 | 79.1014 |
| City Park | 0 / 74.7059 | 17.0608 | 3.4400e-003 | 7.1000e-004 | 17.3588 |
| Elementary School | 2.88519 / 7.41907 | 3.6531 | 4.0400e-003 | 2.3300e-003 | 4.4485 |
| General Light Industry | 101.75 / 0 | 69.0794 | 0.1306 | 0.0797 | 96.0843 |
| Racquet Club | 1.52589 / 0.935225 | 1.2495 | 2.0000e-003 | 1.2000e-003 | 1.6582 |
| Total | | 150.7155 | 0.2352 | 0.1411 | 198.6513 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

7.2 Water by Land Use

Mitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|------------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| Apartments Low Rise | 72.5164 / 45.7169 | 59.6728 | 0.0952 | 0.0572 | 79.1014 |
| City Park | 0 / 74.7059 | 17.0608 | 3.4400e-003 | 7.1000e-004 | 17.3588 |
| Elementary School | 2.88519 / 7.41907 | 3.6531 | 4.0400e-003 | 2.3300e-003 | 4.4485 |
| General Light Industry | 101.75 / 0 | 69.0794 | 0.1306 | 0.0797 | 96.0843 |
| Racquet Club | 1.52589 / 0.935225 | 1.2495 | 2.0000e-003 | 1.2000e-003 | 1.6582 |
| Total | | 150.7155 | 0.2352 | 0.1411 | 198.6513 |

8.0 Waste Detail

8.1 Mitigation Measures Waste

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|---------|--------|----------|
| | MT/yr | | | |
| Mitigated | 271.8820 | 16.0678 | 0.0000 | 673.5762 |
| Unmitigated | 271.8820 | 16.0678 | 0.0000 | 673.5762 |

8.2 Waste by Land Use

Unmitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|------------------------|----------------|-----------------|----------------|---------------|-----------------|
| Land Use | tons | MT/yr | | | |
| Apartments Low Rise | 511.98 | 103.9273 | 6.1419 | 0.0000 | 257.4755 |
| City Park | 5.39 | 1.0941 | 0.0647 | 0.0000 | 2.7106 |
| Elementary School | 129.35 | 26.2569 | 1.5517 | 0.0000 | 65.0503 |
| General Light Industry | 545.6 | 110.7519 | 6.5453 | 0.0000 | 274.3831 |
| Racquet Club | 147.06 | 29.8519 | 1.7642 | 0.0000 | 73.9567 |
| Total | | 271.8820 | 16.0678 | 0.0000 | 673.5762 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

8.2 Waste by Land Use

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|------------------------|----------------|-----------------|----------------|---------------|-----------------|
| Land Use | tons | MT/yr | | | |
| Apartments Low Rise | 511.98 | 103.9273 | 6.1419 | 0.0000 | 257.4755 |
| City Park | 5.39 | 1.0941 | 0.0647 | 0.0000 | 2.7106 |
| Elementary School | 129.35 | 26.2569 | 1.5517 | 0.0000 | 65.0503 |
| General Light Industry | 545.6 | 110.7519 | 6.5453 | 0.0000 | 274.3831 |
| Racquet Club | 147.06 | 29.8519 | 1.7642 | 0.0000 | 73.9567 |
| Total | | 271.8820 | 16.0678 | 0.0000 | 673.5762 |

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

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

User Defined Equipment

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

11.0 Vegetation

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**West Broadway AQ Existing Conditions Op.
Sacramento County, Summer**

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|------------------------|----------|---------------|-------------|--------------------|------------|
| Elementary School | 99.50 | 1000sqft | 2.28 | 99,500.00 | 0 |
| General Light Industry | 26.05 | 1000sqft | 0.60 | 26,045.00 | 0 |
| General Light Industry | 413.95 | 1000sqft | 9.50 | 413,950.00 | 0 |
| City Park | 62.70 | Acre | 62.70 | 2,731,212.00 | 0 |
| Racquet Club | 5.00 | 1000sqft | 0.11 | 5,000.00 | 0 |
| Racquet Club | 20.80 | 1000sqft | 0.48 | 20,800.00 | 0 |
| Apartments Low Rise | 1,113.00 | Dwelling Unit | 69.56 | 1,113,000.00 | 2972 |

1.2 Other Project Characteristics

| | | | | | |
|---------------------------------|---------------------------------------|---------------------------------|-------|----------------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.5 | Precipitation Freq (Days) | 58 |
| Climate Zone | 6 | | | Operational Year | 2035 |
| Utility Company | Sacramento Municipal Utility District | | | | |
| CO2 Intensity (lb/MW hr) | 143.85 | CH4 Intensity (lb/MW hr) | 0.029 | N2O Intensity (lb/MW hr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

| Table Name | Column Name | Default Value | New Value |
|---------------------------|--------------------|---------------|-----------|
| tblLandUse | LandUseSquareFeet | 26,050.00 | 26,045.00 |
| tblProjectCharacteristics | CO2IntensityFactor | 590.31 | 143.85 |
| tblVehicleTrips | CW_TL | 10.00 | 10.15 |
| tblVehicleTrips | HW_TL | 10.00 | 6.98 |

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| 2019 | 3.5837 | 35.8216 | 22.6016 | 0.0400 | 0.1141 | 1.7957 | 1.9098 | 0.0303 | 1.6704 | 1.7007 | 0.0000 | 3,939.6956 | 3,939.6956 | 1.0657 | 0.0000 | 3,966.3380 |
| 2020 | 4.5363 | 50.2433 | 32.6113 | 0.0636 | 18.2032 | 2.1984 | 20.4016 | 9.9670 | 2.0225 | 11.9895 | 0.0000 | 6,164.5679 | 6,164.5679 | 1.9470 | 0.0000 | 6,213.2420 |
| 2021 | 12.6987 | 88.1072 | 98.8720 | 0.3579 | 20.5943 | 1.9864 | 21.8467 | 5.5520 | 1.8275 | 6.7304 | 0.0000 | 36,539.9896 | 36,539.9896 | 2.0036 | 0.0000 | 36,590.0803 |
| 2022 | 11.7737 | 82.5774 | 92.1602 | 0.3503 | 20.5938 | 1.0773 | 21.6711 | 5.5519 | 1.0140 | 6.5658 | 0.0000 | 35,789.7650 | 35,789.7650 | 1.9273 | 0.0000 | 35,837.9477 |
| 2023 | 10.7098 | 71.3942 | 85.4915 | 0.3410 | 20.5933 | 0.8814 | 21.4747 | 5.5517 | 0.8284 | 6.3801 | 0.0000 | 34,867.1045 | 34,867.1045 | 1.7885 | 0.0000 | 34,911.8179 |
| 2024 | 10.0722 | 69.1047 | 80.5023 | 0.3339 | 20.5930 | 0.7890 | 21.3819 | 5.5516 | 0.7412 | 6.2927 | 0.0000 | 34,164.4236 | 34,164.4236 | 1.7398 | 0.0000 | 34,207.9185 |
| 2025 | 9.5035 | 66.8744 | 76.0077 | 0.3269 | 20.5926 | 0.6977 | 21.2904 | 5.5514 | 0.6553 | 6.2068 | 0.0000 | 33,471.3175 | 33,471.3175 | 1.6966 | 0.0000 | 33,513.7322 |
| 2026 | 9.0904 | 65.7084 | 72.2136 | 0.3206 | 20.5923 | 0.6912 | 21.2835 | 5.5513 | 0.6492 | 6.2005 | 0.0000 | 32,847.9632 | 32,847.9632 | 1.6617 | 0.0000 | 32,889.5059 |
| 2027 | 8.6923 | 64.6425 | 68.8093 | 0.3150 | 20.5920 | 0.6833 | 21.2753 | 5.5512 | 0.6418 | 6.1930 | 0.0000 | 32,286.5385 | 32,286.5385 | 1.6296 | 0.0000 | 32,327.2788 |
| 2028 | 8.2928 | 63.7231 | 65.8268 | 0.3100 | 20.5918 | 0.6744 | 21.2662 | 5.5511 | 0.6335 | 6.1846 | 0.0000 | 31,791.2729 | 31,791.2729 | 1.6007 | 0.0000 | 31,831.2910 |
| 2029 | 7.8662 | 62.8517 | 63.0210 | 0.3055 | 20.5916 | 0.6656 | 21.2572 | 5.5510 | 0.6253 | 6.1763 | 0.0000 | 31,351.0728 | 31,351.0728 | 1.5729 | 0.0000 | 31,390.3940 |
| 2030 | 7.3968 | 57.5074 | 60.5988 | 0.3056 | 20.5914 | 0.2779 | 20.8693 | 5.5510 | 0.2694 | 5.8204 | 0.0000 | 31,303.9707 | 31,303.9707 | 1.0621 | 0.0000 | 31,330.5234 |
| 2031 | 6.9702 | 56.7665 | 58.2648 | 0.3022 | 20.5912 | 0.2701 | 20.8613 | 5.5509 | 0.2622 | 5.8131 | 0.0000 | 30,965.4115 | 30,965.4115 | 1.0384 | 0.0000 | 30,991.3713 |
| 2032 | 6.5889 | 56.0880 | 56.2285 | 0.2993 | 20.5911 | 0.2632 | 20.8543 | 5.5509 | 0.2557 | 5.8066 | 0.0000 | 30,673.4761 | 30,673.4761 | 1.0177 | 0.0000 | 30,698.9176 |
| 2033 | 6.2754 | 55.4949 | 54.5099 | 0.2967 | 20.5910 | 0.3311 | 20.8480 | 5.5508 | 0.3310 | 5.8009 | 0.0000 | 30,421.4137 | 30,421.4137 | 1.0000 | 0.0000 | 30,446.4149 |
| 2034 | 87.9840 | 7.1299 | 16.0367 | 0.0288 | 3.3243 | 0.3310 | 3.3561 | 0.8818 | 0.3310 | 0.9127 | 0.0000 | 2,733.8046 | 2,733.8046 | 0.1255 | 0.0000 | 2,736.9410 |
| 2035 | 87.9251 | 1.0243 | 6.9926 | 0.0252 | 3.3243 | 0.0207 | 3.3449 | 0.8818 | 0.0198 | 0.9016 | 0.0000 | 2,501.2877 | 2,501.2877 | 0.0354 | 0.0000 | 2,502.1723 |
| Maximum | 87.9840 | 88.1072 | 98.8720 | 0.3579 | 20.5943 | 2.1984 | 21.8467 | 9.9670 | 2.0225 | 11.9895 | 0.0000 | 36,539.9896 | 36,539.9896 | 2.0036 | 0.0000 | 36,590.0803 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| 2019 | 3.5837 | 35.8216 | 22.6016 | 0.0400 | 0.1141 | 1.7957 | 1.9098 | 0.0303 | 1.6704 | 1.7007 | 0.0000 | 3,939.6956 | 3,939.6956 | 1.0657 | 0.0000 | 3,966.3379 |
| 2020 | 4.5363 | 50.2433 | 32.6113 | 0.0636 | 18.2032 | 2.1984 | 20.4016 | 9.9670 | 2.0225 | 11.9895 | 0.0000 | 6,164.5679 | 6,164.5679 | 1.9470 | 0.0000 | 6,213.2420 |
| 2021 | 12.6987 | 88.1072 | 98.8720 | 0.3579 | 20.5943 | 1.9864 | 21.8467 | 5.5520 | 1.8275 | 6.7304 | 0.0000 | 36,539.9896 | 36,539.9896 | 2.0036 | 0.0000 | 36,590.0803 |
| 2022 | 11.7737 | 82.5774 | 92.1602 | 0.3503 | 20.5938 | 1.0773 | 21.6711 | 5.5519 | 1.0140 | 6.5658 | 0.0000 | 35,789.7650 | 35,789.7650 | 1.9273 | 0.0000 | 35,837.9477 |
| 2023 | 10.7098 | 71.3942 | 85.4915 | 0.3410 | 20.5933 | 0.8814 | 21.4747 | 5.5517 | 0.8284 | 6.3801 | 0.0000 | 34,867.1045 | 34,867.1045 | 1.7885 | 0.0000 | 34,911.8179 |
| 2024 | 10.0722 | 69.1047 | 80.5023 | 0.3339 | 20.5930 | 0.7890 | 21.3819 | 5.5516 | 0.7412 | 6.2927 | 0.0000 | 34,164.4236 | 34,164.4236 | 1.7398 | 0.0000 | 34,207.9185 |
| 2025 | 9.5035 | 66.8744 | 76.0077 | 0.3269 | 20.5926 | 0.6977 | 21.2904 | 5.5514 | 0.6553 | 6.2068 | 0.0000 | 33,471.3175 | 33,471.3175 | 1.6966 | 0.0000 | 33,513.7322 |
| 2026 | 9.0904 | 65.7084 | 72.2136 | 0.3206 | 20.5923 | 0.6912 | 21.2835 | 5.5513 | 0.6492 | 6.2005 | 0.0000 | 32,847.9632 | 32,847.9632 | 1.6617 | 0.0000 | 32,889.5059 |
| 2027 | 8.6923 | 64.6425 | 68.8093 | 0.3150 | 20.5920 | 0.6833 | 21.2753 | 5.5512 | 0.6418 | 6.1930 | 0.0000 | 32,286.5385 | 32,286.5385 | 1.6296 | 0.0000 | 32,327.2788 |
| 2028 | 8.2928 | 63.7231 | 65.8268 | 0.3100 | 20.5918 | 0.6744 | 21.2662 | 5.5511 | 0.6335 | 6.1846 | 0.0000 | 31,791.2729 | 31,791.2729 | 1.6007 | 0.0000 | 31,831.2910 |
| 2029 | 7.8662 | 62.8517 | 63.0210 | 0.3055 | 20.5916 | 0.6656 | 21.2572 | 5.5510 | 0.6253 | 6.1763 | 0.0000 | 31,351.0728 | 31,351.0728 | 1.5729 | 0.0000 | 31,390.3940 |
| 2030 | 7.3968 | 57.5074 | 60.5988 | 0.3056 | 20.5914 | 0.2779 | 20.8693 | 5.5510 | 0.2694 | 5.8204 | 0.0000 | 31,303.9707 | 31,303.9707 | 1.0621 | 0.0000 | 31,330.5234 |
| 2031 | 6.9702 | 56.7665 | 58.2648 | 0.3022 | 20.5912 | 0.2701 | 20.8613 | 5.5509 | 0.2622 | 5.8131 | 0.0000 | 30,965.4115 | 30,965.4115 | 1.0384 | 0.0000 | 30,991.3713 |
| 2032 | 6.5889 | 56.0880 | 56.2285 | 0.2993 | 20.5911 | 0.2632 | 20.8543 | 5.5509 | 0.2557 | 5.8066 | 0.0000 | 30,673.4761 | 30,673.4761 | 1.0177 | 0.0000 | 30,698.9176 |
| 2033 | 6.2754 | 55.4949 | 54.5099 | 0.2967 | 20.5910 | 0.3311 | 20.8480 | 5.5508 | 0.3310 | 5.8009 | 0.0000 | 30,421.4137 | 30,421.4137 | 1.0000 | 0.0000 | 30,446.4149 |
| 2034 | 87.9840 | 7.1299 | 16.0367 | 0.0288 | 3.3243 | 0.3310 | 3.3561 | 0.8818 | 0.3310 | 0.9127 | 0.0000 | 2,733.8046 | 2,733.8046 | 0.1255 | 0.0000 | 2,736.9410 |
| 2035 | 87.9251 | 1.0243 | 6.9926 | 0.0252 | 3.3243 | 0.0207 | 3.3449 | 0.8818 | 0.0198 | 0.9016 | 0.0000 | 2,501.2877 | 2,501.2877 | 0.0354 | 0.0000 | 2,502.1723 |
| Maximum | 87.9840 | 88.1072 | 98.8720 | 0.3579 | 20.5943 | 2.1984 | 21.8467 | 9.9670 | 2.0225 | 11.9895 | 0.0000 | 36,539.9896 | 36,539.9896 | 2.0036 | 0.0000 | 36,590.0803 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Area | 44.0497 | 1.0562 | 91.5649 | 4.8500e-003 | | 0.5094 | 0.5094 | | 0.5094 | 0.5094 | 0.0000 | 165.4762 | 165.4762 | 0.1578 | 0.0000 | 169.4198 |
| Energy | 0.9356 | 8.2881 | 5.5528 | 0.0510 | | 0.6464 | 0.6464 | | 0.6464 | 0.6464 | | 10,206.0804 | 10,206.0804 | 0.1956 | 0.1871 | 10,266.7300 |
| Mobile | 14.3729 | 56.5858 | 137.0399 | 0.6057 | 67.5794 | 0.2907 | 67.8701 | 18.0427 | 0.2701 | 18.3128 | | 61,733.0926 | 61,733.0926 | 2.1667 | | 61,787.2597 |
| Total | 59.3581 | 65.9301 | 234.1577 | 0.6616 | 67.5794 | 1.4466 | 69.0260 | 18.0427 | 1.4259 | 19.4686 | 0.0000 | 72,104.6491 | 72,104.6491 | 2.5201 | 0.1871 | 72,223.4095 |

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Area | 44.0497 | 1.0562 | 91.5649 | 4.8500e-003 | | 0.5094 | 0.5094 | | 0.5094 | 0.5094 | 0.0000 | 165.4762 | 165.4762 | 0.1578 | 0.0000 | 169.4198 |
| Energy | 0.9356 | 8.2881 | 5.5528 | 0.0510 | | 0.6464 | 0.6464 | | 0.6464 | 0.6464 | | 10,206.0804 | 10,206.0804 | 0.1956 | 0.1871 | 10,266.7300 |
| Mobile | 14.3729 | 56.5858 | 137.0399 | 0.6057 | 67.5794 | 0.2907 | 67.8701 | 18.0427 | 0.2701 | 18.3128 | | 61,733.0926 | 61,733.0926 | 2.1667 | | 61,787.2597 |
| Total | 59.3581 | 65.9301 | 234.1577 | 0.6616 | 67.5794 | 1.4466 | 69.0260 | 18.0427 | 1.4259 | 19.4686 | 0.0000 | 72,104.6491 | 72,104.6491 | 2.5201 | 0.1871 | 72,223.4095 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.0 Construction Detail

Construction Phase

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1 | Demolition | Demolition | 7/22/2019 | 4/24/2020 | 5 | 200 | |
| 2 | Site Preparation | Site Preparation | 4/25/2020 | 10/9/2020 | 5 | 120 | |
| 3 | Grading | Grading | 10/10/2020 | 12/17/2021 | 5 | 310 | |
| 4 | Building Construction | Building Construction | 12/18/2021 | 11/4/2033 | 5 | 3100 | |
| 5 | Paving | Paving | 11/5/2033 | 9/8/2034 | 5 | 220 | |
| 6 | Architectural Coating | Architectural Coating | 9/9/2034 | 7/13/2035 | 5 | 220 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 775

Acres of Paving: 0

Residential Indoor: 2,253,825; Residential Outdoor: 751,275; Non-Residential Indoor: 847,943; Non-Residential Outdoor: 282,648; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Demolition | Excavators | 3 | 8.00 | 158 | 0.38 |
| Demolition | Rubber Tired Dozers | 2 | 8.00 | 247 | 0.40 |
| 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

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

| 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 |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition | 6 | 15.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 2,186.00 | 659.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 437.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

3.2 Demolition - 2019

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 3.5134 | 35.7830 | 22.0600 | 0.0388 | | 1.7949 | 1.7949 | | 1.6697 | 1.6697 | | 3,816.8994 | 3,816.8994 | 1.0618 | | 3,843.4451 |
| Total | 3.5134 | 35.7830 | 22.0600 | 0.0388 | | 1.7949 | 1.7949 | | 1.6697 | 1.6697 | | 3,816.8994 | 3,816.8994 | 1.0618 | | 3,843.4451 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.2 Demolition - 2019

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0703 | 0.0386 | 0.5416 | 1.2300e-003 | 0.1141 | 8.1000e-004 | 0.1149 | 0.0303 | 7.5000e-004 | 0.0310 | | 122.7963 | 122.7963 | 3.8600e-003 | | 122.8929 |
| Total | 0.0703 | 0.0386 | 0.5416 | 1.2300e-003 | 0.1141 | 8.1000e-004 | 0.1149 | 0.0303 | 7.5000e-004 | 0.0310 | | 122.7963 | 122.7963 | 3.8600e-003 | | 122.8929 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 3.5134 | 35.7830 | 22.0600 | 0.0388 | | 1.7949 | 1.7949 | | 1.6697 | 1.6697 | 0.0000 | 3,816.8994 | 3,816.8994 | 1.0618 | | 3,843.4451 |
| Total | 3.5134 | 35.7830 | 22.0600 | 0.0388 | | 1.7949 | 1.7949 | | 1.6697 | 1.6697 | 0.0000 | 3,816.8994 | 3,816.8994 | 1.0618 | | 3,843.4451 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.2 Demolition - 2019

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0703 | 0.0386 | 0.5416 | 1.2300e-003 | 0.1141 | 8.1000e-004 | 0.1149 | 0.0303 | 7.5000e-004 | 0.0310 | | 122.7963 | 122.7963 | 3.8600e-003 | | 122.8929 |
| Total | 0.0703 | 0.0386 | 0.5416 | 1.2300e-003 | 0.1141 | 8.1000e-004 | 0.1149 | 0.0303 | 7.5000e-004 | 0.0310 | | 122.7963 | 122.7963 | 3.8600e-003 | | 122.8929 |

3.2 Demolition - 2020

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 3.3121 | 33.2010 | 21.7532 | 0.0388 | | 1.6587 | 1.6587 | | 1.5419 | 1.5419 | | 3,747.7049 | 3,747.7049 | 1.0580 | | 3,774.1536 |
| Total | 3.3121 | 33.2010 | 21.7532 | 0.0388 | | 1.6587 | 1.6587 | | 1.5419 | 1.5419 | | 3,747.7049 | 3,747.7049 | 1.0580 | | 3,774.1536 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.2 Demolition - 2020

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0647 | 0.0343 | 0.4898 | 1.2000e-003 | 0.1141 | 7.9000e-004 | 0.1149 | 0.0303 | 7.3000e-004 | 0.0310 | | 119.0269 | 119.0269 | 3.4100e-003 | | 119.1122 |
| Total | 0.0647 | 0.0343 | 0.4898 | 1.2000e-003 | 0.1141 | 7.9000e-004 | 0.1149 | 0.0303 | 7.3000e-004 | 0.0310 | | 119.0269 | 119.0269 | 3.4100e-003 | | 119.1122 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 3.3121 | 33.2010 | 21.7532 | 0.0388 | | 1.6587 | 1.6587 | | 1.5419 | 1.5419 | 0.0000 | 3,747.7049 | 3,747.7049 | 1.0580 | | 3,774.1536 |
| Total | 3.3121 | 33.2010 | 21.7532 | 0.0388 | | 1.6587 | 1.6587 | | 1.5419 | 1.5419 | 0.0000 | 3,747.7049 | 3,747.7049 | 1.0580 | | 3,774.1536 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.2 Demolition - 2020

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0647 | 0.0343 | 0.4898 | 1.2000e-003 | 0.1141 | 7.9000e-004 | 0.1149 | 0.0303 | 7.3000e-004 | 0.0310 | | 119.0269 | 119.0269 | 3.4100e-003 | | 119.1122 |
| Total | 0.0647 | 0.0343 | 0.4898 | 1.2000e-003 | 0.1141 | 7.9000e-004 | 0.1149 | 0.0303 | 7.3000e-004 | 0.0310 | | 119.0269 | 119.0269 | 3.4100e-003 | | 119.1122 |

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 18.0663 | 0.0000 | 18.0663 | 9.9307 | 0.0000 | 9.9307 | | | 0.0000 | | | 0.0000 |
| Off-Road | 4.0765 | 42.4173 | 21.5136 | 0.0380 | | 2.1974 | 2.1974 | | 2.0216 | 2.0216 | | 3,685.1016 | 3,685.1016 | 1.1918 | | 3,714.8975 |
| Total | 4.0765 | 42.4173 | 21.5136 | 0.0380 | 18.0663 | 2.1974 | 20.2637 | 9.9307 | 2.0216 | 11.9523 | | 3,685.1016 | 3,685.1016 | 1.1918 | | 3,714.8975 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.3 Site Preparation - 2020

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0776 | 0.0412 | 0.5877 | 1.4400e-003 | 0.1369 | 9.5000e-004 | 0.1379 | 0.0363 | 8.8000e-004 | 0.0372 | | 142.8323 | 142.8323 | 4.0900e-003 | | 142.9346 |
| Total | 0.0776 | 0.0412 | 0.5877 | 1.4400e-003 | 0.1369 | 9.5000e-004 | 0.1379 | 0.0363 | 8.8000e-004 | 0.0372 | | 142.8323 | 142.8323 | 4.0900e-003 | | 142.9346 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 18.0663 | 0.0000 | 18.0663 | 9.9307 | 0.0000 | 9.9307 | | | 0.0000 | | | 0.0000 |
| Off-Road | 4.0765 | 42.4173 | 21.5136 | 0.0380 | | 2.1974 | 2.1974 | | 2.0216 | 2.0216 | 0.0000 | 3,685.1016 | 3,685.1016 | 1.1918 | | 3,714.8975 |
| Total | 4.0765 | 42.4173 | 21.5136 | 0.0380 | 18.0663 | 2.1974 | 20.2637 | 9.9307 | 2.0216 | 11.9523 | 0.0000 | 3,685.1016 | 3,685.1016 | 1.1918 | | 3,714.8975 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.3 Site Preparation - 2020

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0776 | 0.0412 | 0.5877 | 1.4400e-003 | 0.1369 | 9.5000e-004 | 0.1379 | 0.0363 | 8.8000e-004 | 0.0372 | | 142.8323 | 142.8323 | 4.0900e-003 | | 142.9346 |
| Total | 0.0776 | 0.0412 | 0.5877 | 1.4400e-003 | 0.1369 | 9.5000e-004 | 0.1379 | 0.0363 | 8.8000e-004 | 0.0372 | | 142.8323 | 142.8323 | 4.0900e-003 | | 142.9346 |

3.4 Grading - 2020

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 4.4501 | 50.1975 | 31.9583 | 0.0620 | | 2.1739 | 2.1739 | | 2.0000 | 2.0000 | | 6,005.8653 | 6,005.8653 | 1.9424 | | 6,054.4257 |
| Total | 4.4501 | 50.1975 | 31.9583 | 0.0620 | 8.6733 | 2.1739 | 10.8472 | 3.5965 | 2.0000 | 5.5965 | | 6,005.8653 | 6,005.8653 | 1.9424 | | 6,054.4257 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.4 Grading - 2020

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0862 | 0.0458 | 0.6530 | 1.5900e-003 | 0.1521 | 1.0600e-003 | 0.1532 | 0.0404 | 9.7000e-004 | 0.0413 | | 158.7026 | 158.7026 | 4.5500e-003 | | 158.8163 |
| Total | 0.0862 | 0.0458 | 0.6530 | 1.5900e-003 | 0.1521 | 1.0600e-003 | 0.1532 | 0.0404 | 9.7000e-004 | 0.0413 | | 158.7026 | 158.7026 | 4.5500e-003 | | 158.8163 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 4.4501 | 50.1975 | 31.9583 | 0.0620 | | 2.1739 | 2.1739 | | 2.0000 | 2.0000 | 0.0000 | 6,005.8653 | 6,005.8653 | 1.9424 | | 6,054.4257 |
| Total | 4.4501 | 50.1975 | 31.9583 | 0.0620 | 8.6733 | 2.1739 | 10.8472 | 3.5965 | 2.0000 | 5.5965 | 0.0000 | 6,005.8653 | 6,005.8653 | 1.9424 | | 6,054.4257 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.4 Grading - 2020

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0862 | 0.0458 | 0.6530 | 1.5900e-003 | 0.1521 | 1.0600e-003 | 0.1532 | 0.0404 | 9.7000e-004 | 0.0413 | | 158.7026 | 158.7026 | 4.5500e-003 | | 158.8163 |
| Total | 0.0862 | 0.0458 | 0.6530 | 1.5900e-003 | 0.1521 | 1.0600e-003 | 0.1532 | 0.0404 | 9.7000e-004 | 0.0413 | | 158.7026 | 158.7026 | 4.5500e-003 | | 158.8163 |

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 4.1912 | 46.3998 | 30.8785 | 0.0620 | | 1.9853 | 1.9853 | | 1.8265 | 1.8265 | | 6,007.0434 | 6,007.0434 | 1.9428 | | 6,055.6134 |
| Total | 4.1912 | 46.3998 | 30.8785 | 0.0620 | 8.6733 | 1.9853 | 10.6587 | 3.5965 | 1.8265 | 5.4230 | | 6,007.0434 | 6,007.0434 | 1.9428 | | 6,055.6134 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0802 | 0.0410 | 0.5983 | 1.5400e-003 | 0.1521 | 1.0300e-003 | 0.1532 | 0.0404 | 9.5000e-004 | 0.0413 | | 153.2958 | 153.2958 | 4.0800e-003 | | 153.3978 |
| Total | 0.0802 | 0.0410 | 0.5983 | 1.5400e-003 | 0.1521 | 1.0300e-003 | 0.1532 | 0.0404 | 9.5000e-004 | 0.0413 | | 153.2958 | 153.2958 | 4.0800e-003 | | 153.3978 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 4.1912 | 46.3998 | 30.8785 | 0.0620 | | 1.9853 | 1.9853 | | 1.8265 | 1.8265 | 0.0000 | 6,007.0434 | 6,007.0434 | 1.9428 | | 6,055.6134 |
| Total | 4.1912 | 46.3998 | 30.8785 | 0.0620 | 8.6733 | 1.9853 | 10.6587 | 3.5965 | 1.8265 | 5.4230 | 0.0000 | 6,007.0434 | 6,007.0434 | 1.9428 | | 6,055.6134 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0802 | 0.0410 | 0.5983 | 1.5400e-003 | 0.1521 | 1.0300e-003 | 0.1532 | 0.0404 | 9.5000e-004 | 0.0413 | | 153.2958 | 153.2958 | 4.0800e-003 | | 153.3978 |
| Total | 0.0802 | 0.0410 | 0.5983 | 1.5400e-003 | 0.1521 | 1.0300e-003 | 0.1532 | 0.0404 | 9.5000e-004 | 0.0413 | | 153.2958 | 153.2958 | 4.0800e-003 | | 153.3978 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.9009 | 17.4321 | 16.5752 | 0.0269 | | 0.9586 | 0.9586 | | 0.9013 | 0.9013 | | 2,553.3639 | 2,553.3639 | 0.6160 | | 2,568.7643 |
| Total | 1.9009 | 17.4321 | 16.5752 | 0.0269 | | 0.9586 | 0.9586 | | 0.9013 | 0.9013 | | 2,553.3639 | 2,553.3639 | 0.6160 | | 2,568.7643 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.0365 | 66.1902 | 16.9017 | 0.1626 | 3.9654 | 0.1815 | 4.1469 | 1.1411 | 0.1736 | 1.3147 | | 17,231.39 40 | 17,231.39 40 | 0.9418 | | 17,254.93 80 |
| Worker | 8.7613 | 4.4849 | 65.3951 | 0.1683 | 16.6289 | 0.1122 | 16.7411 | 4.4110 | 0.1034 | 4.5144 | | 16,755.23 17 | 16,755.23 17 | 0.4459 | | 16,766.37 80 |
| Total | 10.7978 | 70.6751 | 82.2968 | 0.3309 | 20.5943 | 0.2938 | 20.8880 | 5.5520 | 0.2771 | 5.8291 | | 33,986.62 57 | 33,986.62 57 | 1.3876 | | 34,021.31 60 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.9009 | 17.4321 | 16.5752 | 0.0269 | | 0.9586 | 0.9586 | | 0.9013 | 0.9013 | 0.0000 | 2,553.363 9 | 2,553.363 9 | 0.6160 | | 2,568.764 3 |
| Total | 1.9009 | 17.4321 | 16.5752 | 0.0269 | | 0.9586 | 0.9586 | | 0.9013 | 0.9013 | 0.0000 | 2,553.363 9 | 2,553.363 9 | 0.6160 | | 2,568.764 3 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.0365 | 66.1902 | 16.9017 | 0.1626 | 3.9654 | 0.1815 | 4.1469 | 1.1411 | 0.1736 | 1.3147 | | 17,231.39 40 | 17,231.39 40 | 0.9418 | | 17,254.93 80 |
| Worker | 8.7613 | 4.4849 | 65.3951 | 0.1683 | 16.6289 | 0.1122 | 16.7411 | 4.4110 | 0.1034 | 4.5144 | | 16,755.23 17 | 16,755.23 17 | 0.4459 | | 16,766.37 80 |
| Total | 10.7978 | 70.6751 | 82.2968 | 0.3309 | 20.5943 | 0.2938 | 20.8880 | 5.5520 | 0.2771 | 5.8291 | | 33,986.62 57 | 33,986.62 57 | 1.3876 | | 34,021.31 60 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.7062 | 15.6156 | 16.3634 | 0.0269 | | 0.8090 | 0.8090 | | 0.7612 | 0.7612 | | 2,554.333 6 | 2,554.333 6 | 0.6120 | | 2,569.632 2 |
| Total | 1.7062 | 15.6156 | 16.3634 | 0.0269 | | 0.8090 | 0.8090 | | 0.7612 | 0.7612 | | 2,554.333 6 | 2,554.333 6 | 0.6120 | | 2,569.632 2 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.8896 | 62.9281 | 15.5727 | 0.1611 | 3.9649 | 0.1590 | 4.1239 | 1.1409 | 0.1521 | 1.2930 | | 17,081.08 30 | 17,081.08 30 | 0.9146 | | 17,103.94 80 |
| Worker | 8.1779 | 4.0337 | 60.2241 | 0.1622 | 16.6289 | 0.1093 | 16.7382 | 4.4110 | 0.1007 | 4.5117 | | 16,154.34 84 | 16,154.34 84 | 0.4008 | | 16,164.36 75 |
| Total | 10.0675 | 66.9618 | 75.7968 | 0.3233 | 20.5938 | 0.2683 | 20.8621 | 5.5519 | 0.2528 | 5.8047 | | 33,235.43 14 | 33,235.43 14 | 1.3154 | | 33,268.31 55 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.7062 | 15.6156 | 16.3634 | 0.0269 | | 0.8090 | 0.8090 | | 0.7612 | 0.7612 | 0.0000 | 2,554.333 6 | 2,554.333 6 | 0.6120 | | 2,569.632 2 |
| Total | 1.7062 | 15.6156 | 16.3634 | 0.0269 | | 0.8090 | 0.8090 | | 0.7612 | 0.7612 | 0.0000 | 2,554.333 6 | 2,554.333 6 | 0.6120 | | 2,569.632 2 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.8896 | 62.9281 | 15.5727 | 0.1611 | 3.9649 | 0.1590 | 4.1239 | 1.1409 | 0.1521 | 1.2930 | | 17,081.08 30 | 17,081.08 30 | 0.9146 | | 17,103.94 80 |
| Worker | 8.1779 | 4.0337 | 60.2241 | 0.1622 | 16.6289 | 0.1093 | 16.7382 | 4.4110 | 0.1007 | 4.5117 | | 16,154.34 84 | 16,154.34 84 | 0.4008 | | 16,164.36 75 |
| Total | 10.0675 | 66.9618 | 75.7968 | 0.3233 | 20.5938 | 0.2683 | 20.8621 | 5.5519 | 0.2528 | 5.8047 | | 33,235.43 14 | 33,235.43 14 | 1.3154 | | 33,268.31 55 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.5728 | 14.3849 | 16.2440 | 0.0269 | | 0.6997 | 0.6997 | | 0.6584 | 0.6584 | | 2,555.209 9 | 2,555.209 9 | 0.6079 | | 2,570.406 1 |
| Total | 1.5728 | 14.3849 | 16.2440 | 0.0269 | | 0.6997 | 0.6997 | | 0.6584 | 0.6584 | | 2,555.209 9 | 2,555.209 9 | 0.6079 | | 2,570.406 1 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.4932 | 53.3784 | 13.8141 | 0.1580 | 3.9645 | 0.0750 | 4.0395 | 1.1407 | 0.0717 | 1.2124 | | 16,764.88 29 | 16,764.88 29 | 0.8215 | | 16,785.41 91 |
| Worker | 7.6438 | 3.6309 | 55.4334 | 0.1561 | 16.6289 | 0.1067 | 16.7356 | 4.4110 | 0.0983 | 4.5092 | | 15,547.011 6 | 15,547.011 6 | 0.3592 | | 15,555.99 27 |
| Total | 9.1370 | 57.0093 | 69.2475 | 0.3141 | 20.5933 | 0.1817 | 20.7750 | 5.5517 | 0.1700 | 5.7217 | | 32,311.89 46 | 32,311.89 46 | 1.1807 | | 32,341.41 19 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.5728 | 14.3849 | 16.2440 | 0.0269 | | 0.6997 | 0.6997 | | 0.6584 | 0.6584 | 0.0000 | 2,555.209 9 | 2,555.209 9 | 0.6079 | | 2,570.406 1 |
| Total | 1.5728 | 14.3849 | 16.2440 | 0.0269 | | 0.6997 | 0.6997 | | 0.6584 | 0.6584 | 0.0000 | 2,555.209 9 | 2,555.209 9 | 0.6079 | | 2,570.406 1 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.4932 | 53.3784 | 13.8141 | 0.1580 | 3.9645 | 0.0750 | 4.0395 | 1.1407 | 0.0717 | 1.2124 | | 16,764.88 29 | 16,764.88 29 | 0.8215 | | 16,785.41 91 |
| Worker | 7.6438 | 3.6309 | 55.4334 | 0.1561 | 16.6289 | 0.1067 | 16.7356 | 4.4110 | 0.0983 | 4.5092 | | 15,547.011 6 | 15,547.011 6 | 0.3592 | | 15,555.99 27 |
| Total | 9.1370 | 57.0093 | 69.2475 | 0.3141 | 20.5933 | 0.1817 | 20.7750 | 5.5517 | 0.1700 | 5.7217 | | 32,311.89 46 | 32,311.89 46 | 1.1807 | | 32,341.41 19 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.4716 | 13.4438 | 16.1668 | 0.0270 | | 0.6133 | 0.6133 | | 0.5769 | 0.5769 | | 2,555.698 9 | 2,555.698 9 | 0.6044 | | 2,570.807 7 |
| Total | 1.4716 | 13.4438 | 16.1668 | 0.0270 | | 0.6133 | 0.6133 | | 0.5769 | 0.5769 | | 2,555.698 9 | 2,555.698 9 | 0.6044 | | 2,570.807 7 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.4228 | 52.3781 | 12.9120 | 0.1570 | 3.9641 | 0.0713 | 4.0354 | 1.1406 | 0.0682 | 1.2088 | | 16,666.8677 | 16,666.8677 | 0.8114 | | 16,687.1519 |
| Worker | 7.1778 | 3.2828 | 51.4235 | 0.1500 | 16.6289 | 0.1043 | 16.7332 | 4.4110 | 0.0961 | 4.5070 | | 14,941.8570 | 14,941.8570 | 0.3241 | | 14,949.9589 |
| Total | 8.6006 | 55.6609 | 64.3355 | 0.3070 | 20.5930 | 0.1757 | 20.7686 | 5.5516 | 0.1643 | 5.7158 | | 31,608.7247 | 31,608.7247 | 1.1355 | | 31,637.1108 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.4716 | 13.4438 | 16.1668 | 0.0270 | | 0.6133 | 0.6133 | | 0.5769 | 0.5769 | 0.0000 | 2,555.6989 | 2,555.6989 | 0.6044 | | 2,570.8077 |
| Total | 1.4716 | 13.4438 | 16.1668 | 0.0270 | | 0.6133 | 0.6133 | | 0.5769 | 0.5769 | 0.0000 | 2,555.6989 | 2,555.6989 | 0.6044 | | 2,570.8077 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.4228 | 52.3781 | 12.9120 | 0.1570 | 3.9641 | 0.0713 | 4.0354 | 1.1406 | 0.0682 | 1.2088 | | 16,666.8677 | 16,666.8677 | 0.8114 | | 16,687.1519 |
| Worker | 7.1778 | 3.2828 | 51.4235 | 0.1500 | 16.6289 | 0.1043 | 16.7332 | 4.4110 | 0.0961 | 4.5070 | | 14,941.8570 | 14,941.8570 | 0.3241 | | 14,949.9589 |
| Total | 8.6006 | 55.6609 | 64.3355 | 0.3070 | 20.5930 | 0.1757 | 20.7686 | 5.5516 | 0.1643 | 5.7158 | | 31,608.7247 | 31,608.7247 | 1.1355 | | 31,637.1108 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.3646 | 51.4230 | 12.2261 | 0.1560 | 3.9637 | 0.0678 | 4.0315 | 1.1405 | 0.0648 | 1.2053 | | 16,571.9911 | 16,571.9911 | 0.8018 | | 16,592.0369 |
| Worker | 6.7715 | 2.9818 | 47.6969 | 0.1439 | 16.6289 | 0.1024 | 16.7313 | 4.4110 | 0.0943 | 4.5052 | | 14,342.8521 | 14,342.8521 | 0.2938 | | 14,350.1972 |
| Total | 8.1361 | 54.4047 | 59.9230 | 0.3000 | 20.5926 | 0.1702 | 20.7628 | 5.5514 | 0.1591 | 5.7105 | | 30,914.8432 | 30,914.8432 | 1.0956 | | 30,942.2341 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.3646 | 51.4230 | 12.2261 | 0.1560 | 3.9637 | 0.0678 | 4.0315 | 1.1405 | 0.0648 | 1.2053 | | 16,571.9911 | 16,571.9911 | 0.8018 | | 16,592.0369 |
| Worker | 6.7715 | 2.9818 | 47.6969 | 0.1439 | 16.6289 | 0.1024 | 16.7313 | 4.4110 | 0.0943 | 4.5052 | | 14,342.8521 | 14,342.8521 | 0.2938 | | 14,350.1972 |
| Total | 8.1361 | 54.4047 | 59.9230 | 0.3000 | 20.5926 | 0.1702 | 20.7628 | 5.5514 | 0.1591 | 5.7105 | | 30,914.8432 | 30,914.8432 | 1.0956 | | 30,942.2341 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.3132 | 50.5141 | 11.6696 | 0.1551 | 3.9634 | 0.0643 | 4.0277 | 1.1403 | 0.0614 | 1.2018 | | 16,481.77 48 | 16,481.77 48 | 0.7932 | | 16,501.60 42 |
| Worker | 6.4097 | 2.7246 | 44.4594 | 0.1386 | 16.6289 | 0.0994 | 16.7283 | 4.4110 | 0.0915 | 4.5024 | | 13,809.71 41 | 13,809.71 41 | 0.2676 | | 13,816.40 37 |
| Total | 7.7230 | 53.2388 | 56.1289 | 0.2937 | 20.5923 | 0.1636 | 20.7559 | 5.5513 | 0.1529 | 5.7042 | | 30,291.48 89 | 30,291.48 89 | 1.0608 | | 30,318.00 79 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.3132 | 50.5141 | 11.6696 | 0.1551 | 3.9634 | 0.0643 | 4.0277 | 1.1403 | 0.0614 | 1.2018 | | 16,481.77 48 | 16,481.77 48 | 0.7932 | | 16,501.60 42 |
| Worker | 6.4097 | 2.7246 | 44.4594 | 0.1386 | 16.6289 | 0.0994 | 16.7283 | 4.4110 | 0.0915 | 4.5024 | | 13,809.71 41 | 13,809.71 41 | 0.2676 | | 13,816.40 37 |
| Total | 7.7230 | 53.2388 | 56.1289 | 0.2937 | 20.5923 | 0.1636 | 20.7559 | 5.5513 | 0.1529 | 5.7042 | | 30,291.48 89 | 30,291.48 89 | 1.0608 | | 30,318.00 79 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.2681 | 49.6791 | 11.1860 | 0.1543 | 3.9631 | 0.0613 | 4.0244 | 1.1402 | 0.0586 | 1.1988 | | 16,396.9695 | 16,396.9695 | 0.7847 | | 16,416.5879 |
| Worker | 6.0569 | 2.4938 | 41.5387 | 0.1337 | 16.6289 | 0.0945 | 16.7234 | 4.4110 | 0.0870 | 4.4979 | | 13,333.0947 | 13,333.0947 | 0.2439 | | 13,339.1928 |
| Total | 7.3249 | 52.1728 | 52.7247 | 0.2880 | 20.5920 | 0.1557 | 20.7478 | 5.5512 | 0.1455 | 5.6967 | | 29,730.0642 | 29,730.0642 | 1.0287 | | 29,755.7807 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.2681 | 49.6791 | 11.1860 | 0.1543 | 3.9631 | 0.0613 | 4.0244 | 1.1402 | 0.0586 | 1.1988 | | 16,396.9695 | 16,396.9695 | 0.7847 | | 16,416.5879 |
| Worker | 6.0569 | 2.4938 | 41.5387 | 0.1337 | 16.6289 | 0.0945 | 16.7234 | 4.4110 | 0.0870 | 4.4979 | | 13,333.0947 | 13,333.0947 | 0.2439 | | 13,339.1928 |
| Total | 7.3249 | 52.1728 | 52.7247 | 0.2880 | 20.5920 | 0.1557 | 20.7478 | 5.5512 | 0.1455 | 5.6967 | | 29,730.0642 | 29,730.0642 | 1.0287 | | 29,755.7807 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.2282 | 48.9646 | 10.7789 | 0.1535 | 3.9629 | 0.0586 | 4.0215 | 1.1402 | 0.0561 | 1.1962 | | 16,324.4128 | 16,324.4128 | 0.7762 | | 16,343.8183 |
| Worker | 5.6971 | 2.2889 | 38.9632 | 0.1295 | 16.6289 | 0.0882 | 16.7171 | 4.4110 | 0.0812 | 4.4921 | | 12,910.3858 | 12,910.3858 | 0.2236 | | 12,915.9747 |
| Total | 6.9254 | 51.2534 | 49.7421 | 0.2830 | 20.5918 | 0.1468 | 20.7386 | 5.5511 | 0.1372 | 5.6883 | | 29,234.7986 | 29,234.7986 | 0.9998 | | 29,259.7930 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.2282 | 48.9646 | 10.7789 | 0.1535 | 3.9629 | 0.0586 | 4.0215 | 1.1402 | 0.0561 | 1.1962 | | 16,324.4128 | 16,324.4128 | 0.7762 | | 16,343.8183 |
| Worker | 5.6971 | 2.2889 | 38.9632 | 0.1295 | 16.6289 | 0.0882 | 16.7171 | 4.4110 | 0.0812 | 4.4921 | | 12,910.3858 | 12,910.3858 | 0.2236 | | 12,915.9747 |
| Total | 6.9254 | 51.2534 | 49.7421 | 0.2830 | 20.5918 | 0.1468 | 20.7386 | 5.5511 | 0.1372 | 5.6883 | | 29,234.7986 | 29,234.7986 | 0.9998 | | 29,259.7930 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.1923 | 48.2840 | 10.4395 | 0.1529 | 3.9627 | 0.0559 | 4.0186 | 1.1401 | 0.0535 | 1.1935 | | 16,258.3779 | 16,258.3779 | 0.7677 | | 16,277.5713 |
| Worker | 5.3065 | 2.0980 | 36.4968 | 0.1257 | 16.6289 | 0.0821 | 16.7110 | 4.4110 | 0.0756 | 4.4865 | | 12,536.2206 | 12,536.2206 | 0.2042 | | 12,541.3247 |
| Total | 6.4988 | 50.3820 | 46.9363 | 0.2786 | 20.5916 | 0.1381 | 20.7296 | 5.5510 | 0.1291 | 5.6801 | | 28,794.5985 | 28,794.5985 | 0.9719 | | 28,818.8960 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.1923 | 48.2840 | 10.4395 | 0.1529 | 3.9627 | 0.0559 | 4.0186 | 1.1401 | 0.0535 | 1.1935 | | 16,258.3779 | 16,258.3779 | 0.7677 | | 16,277.5713 |
| Worker | 5.3065 | 2.0980 | 36.4968 | 0.1257 | 16.6289 | 0.0821 | 16.7110 | 4.4110 | 0.0756 | 4.4865 | | 12,536.2206 | 12,536.2206 | 0.2042 | | 12,541.3247 |
| Total | 6.4988 | 50.3820 | 46.9363 | 0.2786 | 20.5916 | 0.1381 | 20.7296 | 5.5510 | 0.1291 | 5.6801 | | 28,794.5985 | 28,794.5985 | 0.9719 | | 28,818.8960 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.1599 | 47.6469 | 10.1609 | 0.1523 | 3.9625 | 0.0532 | 4.0157 | 1.1400 | 0.0509 | 1.1909 | | 16,199.5353 | 16,199.5353 | 0.7589 | | 16,218.5087 |
| Worker | 4.9278 | 1.9259 | 34.2809 | 0.1224 | 16.6289 | 0.0765 | 16.7054 | 4.4110 | 0.0704 | 4.4814 | | 12,206.8886 | 12,206.8886 | 0.1869 | | 12,211.5619 |
| Total | 6.0876 | 49.5728 | 44.4418 | 0.2747 | 20.5914 | 0.1297 | 20.7211 | 5.5510 | 0.1213 | 5.6722 | | 28,406.4240 | 28,406.4240 | 0.9459 | | 28,430.0705 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.1599 | 47.6469 | 10.1609 | 0.1523 | 3.9625 | 0.0532 | 4.0157 | 1.1400 | 0.0509 | 1.1909 | | 16,199.5353 | 16,199.5353 | 0.7589 | | 16,218.5087 |
| Worker | 4.9278 | 1.9259 | 34.2809 | 0.1224 | 16.6289 | 0.0765 | 16.7054 | 4.4110 | 0.0704 | 4.4814 | | 12,206.8886 | 12,206.8886 | 0.1869 | | 12,211.5619 |
| Total | 6.0876 | 49.5728 | 44.4418 | 0.2747 | 20.5914 | 0.1297 | 20.7211 | 5.5510 | 0.1213 | 5.6722 | | 28,406.4240 | 28,406.4240 | 0.9459 | | 28,430.0705 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.1325 | 47.0683 | 9.9332 | 0.1518 | 3.9624 | 0.0508 | 4.0132 | 1.1399 | 0.0486 | 1.1885 | | 16,149.5783 | 16,149.5783 | 0.7513 | | 16,168.3616 |
| Worker | 4.5286 | 1.7636 | 32.1746 | 0.1195 | 16.6289 | 0.0712 | 16.7001 | 4.4110 | 0.0655 | 4.4764 | | 11,918.2864 | 11,918.2864 | 0.1708 | | 11,922.5558 |
| Total | 5.6611 | 48.8319 | 42.1078 | 0.2712 | 20.5912 | 0.1220 | 20.7132 | 5.5509 | 0.1140 | 5.6649 | | 28,067.8648 | 28,067.8648 | 0.9221 | | 28,090.9184 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.1325 | 47.0683 | 9.9332 | 0.1518 | 3.9624 | 0.0508 | 4.0132 | 1.1399 | 0.0486 | 1.1885 | | 16,149.5783 | 16,149.5783 | 0.7513 | | 16,168.3616 |
| Worker | 4.5286 | 1.7636 | 32.1746 | 0.1195 | 16.6289 | 0.0712 | 16.7001 | 4.4110 | 0.0655 | 4.4764 | | 11,918.2864 | 11,918.2864 | 0.1708 | | 11,922.5568 |
| Total | 5.6611 | 48.8319 | 42.1078 | 0.2712 | 20.5912 | 0.1220 | 20.7132 | 5.5509 | 0.1140 | 5.6649 | | 28,067.8648 | 28,067.8648 | 0.9221 | | 28,090.9184 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.1096 | 46.5299 | 9.7531 | 0.1514 | 3.9622 | 0.0488 | 4.0111 | 1.1399 | 0.0467 | 1.1866 | | 16,108.84 87 | 16,108.84 87 | 0.7446 | | 16,127.46 44 |
| Worker | 4.1701 | 1.6235 | 30.3185 | 0.1169 | 16.6289 | 0.0662 | 16.6951 | 4.4110 | 0.0609 | 4.4719 | | 11,667.080 7 | 11,667.080 7 | 0.1568 | | 11,671.000 3 |
| Total | 5.2797 | 48.1534 | 40.0716 | 0.2683 | 20.5911 | 0.1150 | 20.7061 | 5.5509 | 0.1076 | 5.6585 | | 27,775.92 93 | 27,775.92 93 | 0.9014 | | 27,798.46 48 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1162 | | 2,900.452 9 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1162 | | 2,900.452 9 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.1096 | 46.5299 | 9.7531 | 0.1514 | 3.9622 | 0.0488 | 4.0111 | 1.1399 | 0.0467 | 1.1866 | | 16,108.8487 | 16,108.8487 | 0.7446 | | 16,127.4644 |
| Worker | 4.1701 | 1.6235 | 30.3185 | 0.1169 | 16.6289 | 0.0662 | 16.6951 | 4.4110 | 0.0609 | 4.4719 | | 11,667.0807 | 11,667.0807 | 0.1568 | | 11,671.0003 |
| Total | 5.2797 | 48.1534 | 40.0716 | 0.2683 | 20.5911 | 0.1150 | 20.7061 | 5.5509 | 0.1076 | 5.6585 | | 27,775.9293 | 27,775.9293 | 0.9014 | | 27,798.4648 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.0903 | 46.0517 | 9.6002 | 0.1510 | 3.9621 | 0.0472 | 4.0093 | 1.1399 | 0.0451 | 1.1849 | | 16,073.3694 | 16,073.3694 | 0.7387 | | 16,091.8369 |
| Worker | 3.8760 | 1.5086 | 28.7527 | 0.1147 | 16.6289 | 0.0618 | 16.6906 | 4.4110 | 0.0568 | 4.4678 | | 11,450.4976 | 11,450.4976 | 0.1451 | | 11,454.1252 |
| Total | 4.9663 | 47.5603 | 38.3529 | 0.2658 | 20.5910 | 0.1089 | 20.6999 | 5.5508 | 0.1019 | 5.6527 | | 27,523.8670 | 27,523.8670 | 0.8838 | | 27,545.9621 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.0903 | 46.0517 | 9.6002 | 0.1510 | 3.9621 | 0.0472 | 4.0093 | 1.1399 | 0.0451 | 1.1849 | | 16,073.3694 | 16,073.3694 | 0.7387 | | 16,091.8369 |
| Worker | 3.8760 | 1.5086 | 28.7527 | 0.1147 | 16.6289 | 0.0618 | 16.6906 | 4.4110 | 0.0568 | 4.4678 | | 11,450.4976 | 11,450.4976 | 0.1451 | | 11,454.1252 |
| Total | 4.9663 | 47.5603 | 38.3529 | 0.2658 | 20.5910 | 0.1089 | 20.6999 | 5.5508 | 0.1019 | 5.6527 | | 27,523.8670 | 27,523.8670 | 0.8838 | | 27,545.9621 |

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3845 | 7.1202 | 15.8495 | 0.0281 | | 0.3306 | 0.3306 | | 0.3306 | 0.3306 | | 2,656.5168 | 2,656.5168 | 0.1245 | | 2,659.6302 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.3845 | 7.1202 | 15.8495 | 0.0281 | | 0.3306 | 0.3306 | | 0.3306 | 0.3306 | | 2,656.5168 | 2,656.5168 | 0.1245 | | 2,659.6302 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0266 | 0.0104 | 0.1973 | 7.9000e-004 | 0.1141 | 4.2000e-004 | 0.1145 | 0.0303 | 3.9000e-004 | 0.0307 | | 78.5716 | 78.5716 | 1.0000e-003 | | 78.5965 |
| Total | 0.0266 | 0.0104 | 0.1973 | 7.9000e-004 | 0.1141 | 4.2000e-004 | 0.1145 | 0.0303 | 3.9000e-004 | 0.0307 | | 78.5716 | 78.5716 | 1.0000e-003 | | 78.5965 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3845 | 7.1202 | 15.8495 | 0.0281 | | 0.3306 | 0.3306 | | 0.3306 | 0.3306 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.1245 | | 2,659.6302 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.3845 | 7.1202 | 15.8495 | 0.0281 | | 0.3306 | 0.3306 | | 0.3306 | 0.3306 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.1245 | | 2,659.6302 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0266 | 0.0104 | 0.1973 | 7.9000e-004 | 0.1141 | 4.2000e-004 | 0.1145 | 0.0303 | 3.9000e-004 | 0.0307 | | 78.5716 | 78.5716 | 1.0000e-003 | | 78.5965 |
| Total | 0.0266 | 0.0104 | 0.1973 | 7.9000e-004 | 0.1141 | 4.2000e-004 | 0.1145 | 0.0303 | 3.9000e-004 | 0.0307 | | 78.5716 | 78.5716 | 1.0000e-003 | | 78.5965 |

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3845 | 7.1202 | 15.8495 | 0.0281 | | 0.3306 | 0.3306 | | 0.3306 | 0.3306 | | 2,656.5168 | 2,656.5168 | 0.1245 | | 2,659.6302 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.3845 | 7.1202 | 15.8495 | 0.0281 | | 0.3306 | 0.3306 | | 0.3306 | 0.3306 | | 2,656.5168 | 2,656.5168 | 0.1245 | | 2,659.6302 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0248 | 9.6800e-003 | 0.1871 | 7.7000e-004 | 0.1141 | 4.0000e-004 | 0.1145 | 0.0303 | 3.6000e-004 | 0.0306 | | 77.2878 | 77.2878 | 9.2000e-004 | | 77.3109 |
| Total | 0.0248 | 9.6800e-003 | 0.1871 | 7.7000e-004 | 0.1141 | 4.0000e-004 | 0.1145 | 0.0303 | 3.6000e-004 | 0.0306 | | 77.2878 | 77.2878 | 9.2000e-004 | | 77.3109 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3845 | 7.1202 | 15.8495 | 0.0281 | | 0.3306 | 0.3306 | | 0.3306 | 0.3306 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.1245 | | 2,659.6302 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.3845 | 7.1202 | 15.8495 | 0.0281 | | 0.3306 | 0.3306 | | 0.3306 | 0.3306 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.1245 | | 2,659.6302 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0248 | 9.6800e-003 | 0.1871 | 7.7000e-004 | 0.1141 | 4.0000e-004 | 0.1145 | 0.0303 | 3.6000e-004 | 0.0306 | | 77.2878 | 77.2878 | 9.2000e-004 | | 77.3109 |
| Total | 0.0248 | 9.6800e-003 | 0.1871 | 7.7000e-004 | 0.1141 | 4.0000e-004 | 0.1145 | 0.0303 | 3.6000e-004 | 0.0306 | | 77.2878 | 77.2878 | 9.2000e-004 | | 77.3109 |

3.7 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 87.1315 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1308 | 0.8563 | 1.7977 | 2.9700e-003 | | 0.0203 | 0.0203 | | 0.0203 | 0.0203 | | 281.4481 | 281.4481 | 0.0114 | | 281.7328 |
| Total | 87.2622 | 0.8563 | 1.7977 | 2.9700e-003 | | 0.0203 | 0.0203 | | 0.0203 | 0.0203 | | 281.4481 | 281.4481 | 0.0114 | | 281.7328 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.7 Architectural Coating - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.7217 | 0.2820 | 5.4518 | 0.0226 | 3.3243 | 0.0115 | 3.3358 | 0.8818 | 0.0106 | 0.8924 | | 2,251.6524 | 2,251.6524 | 0.0268 | | 2,252.3231 |
| Total | 0.7217 | 0.2820 | 5.4518 | 0.0226 | 3.3243 | 0.0115 | 3.3358 | 0.8818 | 0.0106 | 0.8924 | | 2,251.6524 | 2,251.6524 | 0.0268 | | 2,252.3231 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 87.1315 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1308 | 0.8563 | 1.7977 | 2.9700e-003 | | 0.0203 | 0.0203 | | 0.0203 | 0.0203 | 0.0000 | 281.4481 | 281.4481 | 0.0114 | | 281.7328 |
| Total | 87.2622 | 0.8563 | 1.7977 | 2.9700e-003 | | 0.0203 | 0.0203 | | 0.0203 | 0.0203 | 0.0000 | 281.4481 | 281.4481 | 0.0114 | | 281.7328 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.7 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.7217 | 0.2820 | 5.4518 | 0.0226 | 3.3243 | 0.0115 | 3.3358 | 0.8818 | 0.0106 | 0.8924 | | 2,251.6524 | 2,251.6524 | 0.0268 | | 2,252.3231 |
| Total | 0.7217 | 0.2820 | 5.4518 | 0.0226 | 3.3243 | 0.0115 | 3.3358 | 0.8818 | 0.0106 | 0.8924 | | 2,251.6524 | 2,251.6524 | 0.0268 | | 2,252.3231 |

3.7 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 87.1315 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1179 | 0.7577 | 1.7943 | 2.9700e-003 | | 9.9000e-003 | 9.9000e-003 | | 9.9000e-003 | 9.9000e-003 | | 281.4481 | 281.4481 | 0.0104 | | 281.7081 |
| Total | 87.2494 | 0.7577 | 1.7943 | 2.9700e-003 | | 9.9000e-003 | 9.9000e-003 | | 9.9000e-003 | 9.9000e-003 | | 281.4481 | 281.4481 | 0.0104 | | 281.7081 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.7 Architectural Coating - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.6757 | 0.2666 | 5.1983 | 0.0222 | 3.3243 | 0.0108 | 3.3350 | 0.8818 | 9.9100e-003 | 0.8917 | | 2,219.8397 | 2,219.8397 | 0.0250 | | 2,220.4643 |
| Total | 0.6757 | 0.2666 | 5.1983 | 0.0222 | 3.3243 | 0.0108 | 3.3350 | 0.8818 | 9.9100e-003 | 0.8917 | | 2,219.8397 | 2,219.8397 | 0.0250 | | 2,220.4643 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 87.1315 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1179 | 0.7577 | 1.7943 | 2.9700e-003 | | 9.9000e-003 | 9.9000e-003 | | 9.9000e-003 | 9.9000e-003 | 0.0000 | 281.4481 | 281.4481 | 0.0104 | | 281.7081 |
| Total | 87.2494 | 0.7577 | 1.7943 | 2.9700e-003 | | 9.9000e-003 | 9.9000e-003 | | 9.9000e-003 | 9.9000e-003 | 0.0000 | 281.4481 | 281.4481 | 0.0104 | | 281.7081 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

3.7 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.6757 | 0.2666 | 5.1983 | 0.0222 | 3.3243 | 0.0108 | 3.3350 | 0.8818 | 9.9100e-003 | 0.8917 | | 2,219.8397 | 2,219.8397 | 0.0250 | | 2,220.4643 |
| Total | 0.6757 | 0.2666 | 5.1983 | 0.0222 | 3.3243 | 0.0108 | 3.3350 | 0.8818 | 9.9100e-003 | 0.8917 | | 2,219.8397 | 2,219.8397 | 0.0250 | | 2,220.4643 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|---------|----------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|--------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Mitigated | 14.3729 | 56.5858 | 137.0399 | 0.6057 | 67.5794 | 0.2907 | 67.8701 | 18.0427 | 0.2701 | 18.3128 | | 61,733.09 26 | 61,733.09 26 | 2.1667 | | 61,787.25 97 |
| Unmitigated | 14.3729 | 56.5858 | 137.0399 | 0.6057 | 67.5794 | 0.2907 | 67.8701 | 18.0427 | 0.2701 | 18.3128 | | 61,733.09 26 | 61,733.09 26 | 2.1667 | | 61,787.25 97 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|------------------------|-------------------------|------------------|-----------------|-------------------|-------------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Apartments Low Rise | 7,334.67 | 7,969.08 | 6755.91 | 15,510,917 | 15,510,917 |
| City Park | 118.50 | 1,426.43 | 1049.60 | 814,524 | 814,524 |
| Elementary School | 1,535.29 | 0.00 | 0.00 | 2,306,054 | 2,306,054 |
| General Light Industry | 181.57 | 34.39 | 17.71 | 379,280 | 379,280 |
| General Light Industry | 2,885.23 | 546.41 | 281.49 | 6,026,986 | 6,026,986 |
| Racquet Club | 70.15 | 106.75 | 87.00 | 102,710 | 102,710 |
| Racquet Club | 291.82 | 444.08 | 361.92 | 427,275 | 427,275 |
| Total | 12,417.23 | 10,527.14 | 8,553.63 | 25,567,746 | 25,567,746 |

4.3 Trip Type Information

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

| 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 |
| Apartments Low Rise | 6.98 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| City Park | 10.15 | 5.00 | 6.50 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |
| Elementary School | 10.00 | 5.00 | 6.50 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| General Light Industry | 10.00 | 5.00 | 6.50 | 59.00 | 28.00 | 13.00 | 92 | 5 | 3 |
| General Light Industry | 10.00 | 5.00 | 6.50 | 59.00 | 28.00 | 13.00 | 92 | 5 | 3 |
| Racquet Club | 10.00 | 5.00 | 6.50 | 11.50 | 69.50 | 19.00 | 52 | 39 | 9 |
| Racquet Club | 10.00 | 5.00 | 6.50 | 11.50 | 69.50 | 19.00 | 52 | 39 | 9 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments Low Rise | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| City Park | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Elementary School | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| General Light Industry | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Racquet Club | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|------------------------|--------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|--------|--------|-------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| NaturalGas Mitigated | 0.9356 | 8.2881 | 5.5528 | 0.0510 | | 0.6464 | 0.6464 | | 0.6464 | 0.6464 | | 10,206.0804 | 10,206.0804 | 0.1956 | 0.1871 | 10,266.7300 |
| NaturalGas Unmitigated | 0.9356 | 8.2881 | 5.5528 | 0.0510 | | 0.6464 | 0.6464 | | 0.6464 | 0.6464 | | 10,206.0804 | 10,206.0804 | 0.1956 | 0.1871 | 10,266.7300 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Apartments Low Rise | 36892.8 | 0.3979 | 3.3999 | 1.4468 | 0.0217 | | 0.2749 | 0.2749 | | 0.2749 | 0.2749 | | 4,340.3305 | 4,340.3305 | 0.0832 | 0.0796 | 4,366.1229 |
| 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 |
| Elementary School | 4159.92 | 0.0449 | 0.4078 | 0.3426 | 2.4500e-003 | | 0.0310 | 0.0310 | | 0.0310 | 0.0310 | | 489.4021 | 489.4021 | 9.3800e-003 | 8.9700e-003 | 492.3104 |
| General Light Industry | 2555.26 | 0.0276 | 0.2505 | 0.2104 | 1.5000e-003 | | 0.0190 | 0.0190 | | 0.0190 | 0.0190 | | 300.6193 | 300.6193 | 5.7600e-003 | 5.5100e-003 | 302.4058 |
| General Light Industry | 40612.5 | 0.4380 | 3.9816 | 3.3446 | 0.0239 | | 0.3026 | 0.3026 | | 0.3026 | 0.3026 | | 4,777.9370 | 4,777.9370 | 0.0916 | 0.0876 | 4,806.3299 |
| Racquet Club | 2040.68 | 0.0220 | 0.2001 | 0.1681 | 1.2000e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | | 240.0799 | 240.0799 | 4.6000e-003 | 4.4000e-003 | 241.5066 |
| Racquet Club | 490.548 | 5.2900e-003 | 0.0481 | 0.0404 | 2.9000e-004 | | 3.6600e-003 | 3.6600e-003 | | 3.6600e-003 | 3.6600e-003 | | 57.7115 | 57.7115 | 1.1100e-003 | 1.0600e-003 | 58.0545 |
| Total | | 0.9356 | 8.2881 | 5.5528 | 0.0510 | | 0.6464 | 0.6464 | | 0.6464 | 0.6464 | | 10,206.0804 | 10,206.0804 | 0.1956 | 0.1871 | 10,266.7300 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Apartments Low Rise | 36.8928 | 0.3979 | 3.3999 | 1.4468 | 0.0217 | | 0.2749 | 0.2749 | | 0.2749 | 0.2749 | | 4,340.3305 | 4,340.3305 | 0.0832 | 0.0796 | 4,366.1229 |
| 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 |
| Elementary School | 4.15992 | 0.0449 | 0.4078 | 0.3426 | 2.4500e-003 | | 0.0310 | 0.0310 | | 0.0310 | 0.0310 | | 489.4021 | 489.4021 | 9.3800e-003 | 8.9700e-003 | 492.3104 |
| General Light Industry | 2.55526 | 0.0276 | 0.2505 | 0.2104 | 1.5000e-003 | | 0.0190 | 0.0190 | | 0.0190 | 0.0190 | | 300.6193 | 300.6193 | 5.7600e-003 | 5.5100e-003 | 302.4058 |
| General Light Industry | 40.6125 | 0.4380 | 3.9816 | 3.3446 | 0.0239 | | 0.3026 | 0.3026 | | 0.3026 | 0.3026 | | 4,777.9370 | 4,777.9370 | 0.0916 | 0.0876 | 4,806.3299 |
| Racquet Club | 0.490548 | 5.2900e-003 | 0.0481 | 0.0404 | 2.9000e-004 | | 3.6600e-003 | 3.6600e-003 | | 3.6600e-003 | 3.6600e-003 | | 57.7115 | 57.7115 | 1.1100e-003 | 1.0600e-003 | 58.0545 |
| Racquet Club | 2.04068 | 0.0220 | 0.2001 | 0.1681 | 1.2000e-003 | | 0.0152 | 0.0152 | | 0.0152 | 0.0152 | | 240.0799 | 240.0799 | 4.6000e-003 | 4.4000e-003 | 241.5066 |
| Total | | 0.9356 | 8.2881 | 5.5528 | 0.0510 | | 0.6464 | 0.6464 | | 0.6464 | 0.6464 | | 10,206.0804 | 10,206.0804 | 0.1956 | 0.1871 | 10,266.7300 |

6.0 Area Detail

6.1 Mitigation Measures Area

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|--------|---------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|----------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Mitigated | 44.0497 | 1.0562 | 91.5649 | 4.8500e-003 | | 0.5094 | 0.5094 | | 0.5094 | 0.5094 | 0.0000 | 165.4762 | 165.4762 | 0.1578 | 0.0000 | 169.4198 |
| Unmitigated | 44.0497 | 1.0562 | 91.5649 | 4.8500e-003 | | 0.5094 | 0.5094 | | 0.5094 | 0.5094 | 0.0000 | 165.4762 | 165.4762 | 0.1578 | 0.0000 | 169.4198 |

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 5.2518 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 36.0562 | | | | | 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 | 2.7417 | 1.0562 | 91.5649 | 4.8500e-003 | | 0.5094 | 0.5094 | | 0.5094 | 0.5094 | | 165.4762 | 165.4762 | 0.1578 | | 169.4198 |
| Total | 44.0497 | 1.0562 | 91.5649 | 4.8500e-003 | | 0.5094 | 0.5094 | | 0.5094 | 0.5094 | 0.0000 | 165.4762 | 165.4762 | 0.1578 | 0.0000 | 169.4198 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 5.2518 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 36.0562 | | | | | 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 | 2.7417 | 1.0562 | 91.5649 | 4.8500e-003 | | 0.5094 | 0.5094 | | 0.5094 | 0.5094 | | 165.4762 | 165.4762 | 0.1578 | | 169.4198 |
| Total | 44.0497 | 1.0562 | 91.5649 | 4.8500e-003 | | 0.5094 | 0.5094 | | 0.5094 | 0.5094 | 0.0000 | 165.4762 | 165.4762 | 0.1578 | 0.0000 | 169.4198 |

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

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

User Defined Equipment

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

11.0 Vegetation

West Broadway Future_Default - Sacramento County, Annual

**West Broadway Future_Default
Sacramento County, Annual**

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|--------------------------|----------|---------------|-------------|--------------------|------------|
| Elementary School | 99.50 | 1000sqft | 2.28 | 99,500.00 | 0 |
| General Light Industry | 185.20 | 1000sqft | 4.25 | 185,200.00 | 0 |
| City Park | 79.50 | Acre | 79.50 | 3,463,020.00 | 0 |
| Racquet Club | 63.00 | 1000sqft | 1.45 | 63,000.00 | 0 |
| Apartments Low Rise | 1,665.00 | Dwelling Unit | 104.06 | 1,665,000.00 | 4446 |
| Apartments Mid Rise | 3,085.00 | Dwelling Unit | 81.18 | 3,085,000.00 | 8237 |
| Condo/Townhouse | 150.00 | Dwelling Unit | 9.38 | 150,000.00 | 401 |
| Regional Shopping Center | 244.02 | 1000sqft | 5.60 | 244,020.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|--------------------------------|---------------------------------------|--------------------------------|-------|----------------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.5 | Precipitation Freq (Days) | 58 |
| Climate Zone | 6 | | | Operational Year | 2035 |
| Utility Company | Sacramento Municipal Utility District | | | | |
| CO2 Intensity (lb/MWhr) | 143.85 | CH4 Intensity (lb/MWhr) | 0.029 | N2O Intensity (lb/MWhr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

West Broadway Future_Default - Sacramento County, Annual

Vehicle Trips -

Project Characteristics -

Mobile Land Use Mitigation -

| Table Name | Column Name | Default Value | New Value |
|---------------------------|--------------------|---------------|-----------|
| tblEnergyUse | T24E | 511.12 | 240.23 |
| tblEnergyUse | T24E | 460.92 | 428.66 |
| tblEnergyUse | T24E | 381.61 | 354.90 |
| tblEnergyUse | T24E | 3.41 | 2.40 |
| tblEnergyUse | T24E | 3.26 | 2.30 |
| tblEnergyUse | T24NG | 9,411.72 | 8,752.90 |
| tblProjectCharacteristics | CO2IntensityFactor | 590.31 | 143.85 |

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 | | | | | |
| 2020 | 0.4447 | 4.4848 | 2.9336 | 5.5800e-003 | 0.1254 | 0.2179 | 0.3433 | 0.0217 | 0.2025 | 0.2242 | 0.0000 | 492.9156 | 492.9156 | 0.1281 | 0.0000 | 496.1183 |
| 2021 | 0.5087 | 5.2624 | 3.0406 | 5.7100e-003 | 2.4108 | 0.2563 | 2.6671 | 1.0400 | 0.2361 | 1.2761 | 0.0000 | 502.3455 | 502.3455 | 0.1541 | 0.0000 | 506.1974 |
| 2022 | 0.4796 | 5.0549 | 3.8359 | 8.2400e-003 | 1.4184 | 0.2127 | 1.6311 | 0.5020 | 0.1957 | 0.6976 | 0.0000 | 724.7075 | 724.7075 | 0.2297 | 0.0000 | 730.4493 |
| 2023 | 1.2582 | 8.7494 | 9.8508 | 0.0367 | 3.3302 | 0.1691 | 3.4993 | 0.9346 | 0.1565 | 1.0911 | 0.0000 | 3,381.914 3 | 3,381.914 3 | 0.2721 | 0.0000 | 3,388.716 2 |

West Broadway Future_Default - Sacramento 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 | | | | | |
| 2024 | 2.4778 | 15.4216 | 18.8553 | 0.0825 | 5.9193 | 0.1303 | 6.0496 | 1.5953 | 0.1222 | 1.7175 | 0.0000 | 7,659.979 2 | 7,659.979 2 | 0.3334 | 0.0000 | 7,668.313 2 |
| 2025 | 2.3332 | 14.9008 | 17.6099 | 0.0803 | 5.8966 | 0.1171 | 6.0138 | 1.5891 | 0.1098 | 1.6990 | 0.0000 | 7,458.451 2 | 7,458.451 2 | 0.3220 | 0.0000 | 7,466.499 9 |
| 2026 | 2.2257 | 14.5924 | 16.6078 | 0.0786 | 5.8966 | 0.1153 | 6.0119 | 1.5891 | 0.1081 | 1.6972 | 0.0000 | 7,303.708 0 | 7,303.708 0 | 0.3134 | 0.0000 | 7,311.5434 |
| 2027 | 2.1217 | 14.3107 | 15.7078 | 0.0770 | 5.8965 | 0.1130 | 6.0095 | 1.5891 | 0.1060 | 1.6950 | 0.0000 | 7,164.330 7 | 7,164.330 7 | 0.3056 | 0.0000 | 7,171.970 2 |
| 2028 | 2.0079 | 14.0142 | 14.8617 | 0.0753 | 5.8739 | 0.1100 | 5.9838 | 1.5830 | 0.1031 | 1.6861 | 0.0000 | 7,014.240 4 | 7,014.240 4 | 0.2974 | 0.0000 | 7,021.674 9 |
| 2029 | 1.9017 | 13.8384 | 14.1738 | 0.0744 | 5.8964 | 0.1078 | 6.0042 | 1.5891 | 0.1011 | 1.6902 | 0.0000 | 6,931.744 3 | 6,931.744 3 | 0.2917 | 0.0000 | 6,939.037 5 |
| 2030 | 1.7846 | 13.0338 | 13.5195 | 0.0739 | 5.8964 | 0.0559 | 5.9522 | 1.5890 | 0.0534 | 1.6425 | 0.0000 | 6,875.519 3 | 6,875.519 3 | 0.2280 | 0.0000 | 6,881.219 4 |
| 2031 | 1.6701 | 12.8385 | 12.8956 | 0.0729 | 5.8963 | 0.0536 | 5.9499 | 1.5890 | 0.0513 | 1.6403 | 0.0000 | 6,791.105 4 | 6,791.105 4 | 0.2222 | 0.0000 | 6,796.660 7 |
| 2032 | 1.5743 | 12.7095 | 12.3985 | 0.0724 | 5.9189 | 0.0518 | 5.9707 | 1.5951 | 0.0496 | 1.6447 | 0.0000 | 6,743.912 4 | 6,743.912 4 | 0.2180 | 0.0000 | 6,749.361 9 |
| 2033 | 1.4794 | 12.4586 | 11.8468 | 0.0711 | 5.8737 | 0.0496 | 5.9233 | 1.5829 | 0.0476 | 1.6305 | 0.0000 | 6,629.699 6 | 6,629.699 6 | 0.2120 | 0.0000 | 6,635.000 5 |
| 2034 | 1.4062 | 12.3190 | 11.4158 | 0.0705 | 5.8736 | 0.0479 | 5.9216 | 1.5829 | 0.0460 | 1.6289 | 0.0000 | 6,575.693 4 | 6,575.693 4 | 0.2080 | 0.0000 | 6,580.894 3 |
| 2035 | 1.3358 | 12.1449 | 11.0853 | 0.0703 | 5.8962 | 0.0391 | 5.9353 | 1.5890 | 0.0373 | 1.6262 | 0.0000 | 6,555.053 7 | 6,555.053 7 | 0.2043 | 0.0000 | 6,560.162 2 |
| 2036 | 1.3409 | 12.1914 | 11.1277 | 0.0706 | 5.9188 | 0.0392 | 5.9580 | 1.5951 | 0.0374 | 1.6325 | 0.0000 | 6,580.168 8 | 6,580.168 8 | 0.2051 | 0.0000 | 6,585.296 9 |
| 2037 | 1.3358 | 12.1449 | 11.0853 | 0.0703 | 5.8962 | 0.0391 | 5.9353 | 1.5890 | 0.0373 | 1.6262 | 0.0000 | 6,555.053 7 | 6,555.053 7 | 0.2043 | 0.0000 | 6,560.162 2 |
| 2038 | 1.3358 | 12.1449 | 11.0853 | 0.0703 | 5.8962 | 0.0391 | 5.9353 | 1.5890 | 0.0373 | 1.6262 | 0.0000 | 6,555.053 7 | 6,555.053 7 | 0.2043 | 0.0000 | 6,560.162 2 |
| 2039 | 1.3307 | 12.0983 | 11.0428 | 0.0700 | 5.8736 | 0.0389 | 5.9125 | 1.5829 | 0.0371 | 1.6200 | 0.0000 | 6,529.938 5 | 6,529.938 5 | 0.2036 | 0.0000 | 6,535.027 5 |
| 2040 | 1.1018 | 11.7134 | 9.9419 | 0.0688 | 5.8961 | 0.0322 | 5.9283 | 1.5890 | 0.0307 | 1.6197 | 0.0000 | 6,421.951 0 | 6,421.951 0 | 0.1922 | 0.0000 | 6,426.755 4 |
| 2041 | 0.5641 | 5.4717 | 5.5743 | 0.0327 | 2.6285 | 0.0228 | 2.6513 | 0.7083 | 0.0221 | 0.7304 | 0.0000 | 3,033.251 7 | 3,033.251 7 | 0.0913 | 0.0000 | 3,035.534 7 |

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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 | 7.8331 | 0.3882 | 1.8685 | 4.5100e-003 | 0.3007 | 0.0118 | 0.3125 | 0.0800 | 0.0118 | 0.0917 | 0.0000 | 395.6425 | 395.6425 | 9.2700e-003 | 0.0000 | 395.8742 |
| 2043 | 25.8618 | 0.1645 | 1.3167 | 6.1900e-003 | 0.9710 | 3.4400e-003 | 0.9744 | 0.2583 | 3.2400e-003 | 0.2615 | 0.0000 | 558.7927 | 558.7927 | 5.7700e-003 | 0.0000 | 558.9369 |
| Maximum | 25.8618 | 15.4216 | 18.8553 | 0.0825 | 5.9193 | 0.2563 | 6.0496 | 1.5953 | 0.2361 | 1.7175 | 0.0000 | 7,659.979 2 | 7,659.979 2 | 0.3334 | 0.0000 | 7,668.313 2 |

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 | | | | | |
| 2020 | 0.4447 | 4.4848 | 2.9335 | 5.5800e-003 | 0.1254 | 0.2179 | 0.3433 | 0.0217 | 0.2025 | 0.2242 | 0.0000 | 492.9151 | 492.9151 | 0.1281 | 0.0000 | 496.1178 |
| 2021 | 0.5087 | 5.2624 | 3.0406 | 5.7100e-003 | 2.4108 | 0.2563 | 2.6671 | 1.0400 | 0.2361 | 1.2761 | 0.0000 | 502.3450 | 502.3450 | 0.1541 | 0.0000 | 506.1968 |
| 2022 | 0.4796 | 5.0549 | 3.8359 | 8.2400e-003 | 1.4184 | 0.2127 | 1.6311 | 0.5020 | 0.1957 | 0.6976 | 0.0000 | 724.7066 | 724.7066 | 0.2297 | 0.0000 | 730.4485 |
| 2023 | 1.2582 | 8.7494 | 9.8508 | 0.0367 | 3.3302 | 0.1691 | 3.4993 | 0.9346 | 0.1565 | 1.0911 | 0.0000 | 3,381.913 6 | 3,381.913 6 | 0.2721 | 0.0000 | 3,388.715 5 |
| 2024 | 2.4778 | 15.4216 | 18.8553 | 0.0825 | 5.9193 | 0.1303 | 6.0496 | 1.5953 | 0.1222 | 1.7175 | 0.0000 | 7,659.978 8 | 7,659.978 8 | 0.3334 | 0.0000 | 7,668.312 8 |
| 2025 | 2.3332 | 14.9008 | 17.6099 | 0.0803 | 5.8966 | 0.1171 | 6.0138 | 1.5891 | 0.1098 | 1.6990 | 0.0000 | 7,458.450 9 | 7,458.450 9 | 0.3220 | 0.0000 | 7,466.499 6 |
| 2026 | 2.2257 | 14.5924 | 16.6078 | 0.0786 | 5.8966 | 0.1153 | 6.0119 | 1.5891 | 0.1081 | 1.6972 | 0.0000 | 7,303.707 6 | 7,303.707 6 | 0.3134 | 0.0000 | 7,311.5431 |
| 2027 | 2.1217 | 14.3107 | 15.7078 | 0.0770 | 5.8965 | 0.1130 | 6.0095 | 1.5891 | 0.1060 | 1.6950 | 0.0000 | 7,164.330 4 | 7,164.330 4 | 0.3056 | 0.0000 | 7,171.969 8 |
| 2028 | 2.0079 | 14.0142 | 14.8617 | 0.0753 | 5.8739 | 0.1100 | 5.9838 | 1.5830 | 0.1031 | 1.6861 | 0.0000 | 7,014.240 0 | 7,014.240 0 | 0.2974 | 0.0000 | 7,021.674 5 |

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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 | | | | | |
| 2029 | 1.9017 | 13.8384 | 14.1738 | 0.0744 | 5.8964 | 0.1078 | 6.0042 | 1.5891 | 0.1011 | 1.6902 | 0.0000 | 6,931.744 0 | 6,931.744 0 | 0.2917 | 0.0000 | 6,939.037 1 |
| 2030 | 1.7846 | 13.0338 | 13.5195 | 0.0739 | 5.8964 | 0.0559 | 5.9522 | 1.5890 | 0.0534 | 1.6425 | 0.0000 | 6,875.518 9 | 6,875.518 9 | 0.2280 | 0.0000 | 6,881.219 0 |
| 2031 | 1.6701 | 12.8385 | 12.8956 | 0.0729 | 5.8963 | 0.0536 | 5.9499 | 1.5890 | 0.0513 | 1.6403 | 0.0000 | 6,791.105 0 | 6,791.105 0 | 0.2222 | 0.0000 | 6,796.660 3 |
| 2032 | 1.5743 | 12.7095 | 12.3985 | 0.0724 | 5.9189 | 0.0518 | 5.9707 | 1.5951 | 0.0496 | 1.6447 | 0.0000 | 6,743.912 0 | 6,743.912 0 | 0.2180 | 0.0000 | 6,749.361 5 |
| 2033 | 1.4794 | 12.4586 | 11.8468 | 0.0711 | 5.8737 | 0.0496 | 5.9233 | 1.5829 | 0.0476 | 1.6305 | 0.0000 | 6,629.699 2 | 6,629.699 2 | 0.2120 | 0.0000 | 6,635.000 1 |
| 2034 | 1.4062 | 12.3190 | 11.4158 | 0.0705 | 5.8736 | 0.0479 | 5.9216 | 1.5829 | 0.0460 | 1.6289 | 0.0000 | 6,575.693 0 | 6,575.693 0 | 0.2080 | 0.0000 | 6,580.893 9 |
| 2035 | 1.3358 | 12.1449 | 11.0853 | 0.0703 | 5.8962 | 0.0391 | 5.9353 | 1.5890 | 0.0373 | 1.6262 | 0.0000 | 6,555.053 3 | 6,555.053 3 | 0.2043 | 0.0000 | 6,560.161 8 |
| 2036 | 1.3409 | 12.1914 | 11.1277 | 0.0706 | 5.9188 | 0.0392 | 5.9580 | 1.5951 | 0.0374 | 1.6325 | 0.0000 | 6,580.168 4 | 6,580.168 4 | 0.2051 | 0.0000 | 6,585.296 5 |
| 2037 | 1.3358 | 12.1449 | 11.0853 | 0.0703 | 5.8962 | 0.0391 | 5.9353 | 1.5890 | 0.0373 | 1.6262 | 0.0000 | 6,555.053 3 | 6,555.053 3 | 0.2043 | 0.0000 | 6,560.161 8 |
| 2038 | 1.3358 | 12.1449 | 11.0853 | 0.0703 | 5.8962 | 0.0391 | 5.9353 | 1.5890 | 0.0373 | 1.6262 | 0.0000 | 6,555.053 3 | 6,555.053 3 | 0.2043 | 0.0000 | 6,560.161 8 |
| 2039 | 1.3307 | 12.0983 | 11.0428 | 0.0700 | 5.8736 | 0.0389 | 5.9125 | 1.5829 | 0.0371 | 1.6200 | 0.0000 | 6,529.938 1 | 6,529.938 1 | 0.2036 | 0.0000 | 6,535.027 0 |
| 2040 | 1.1018 | 11.7134 | 9.9418 | 0.0688 | 5.8961 | 0.0322 | 5.9283 | 1.5890 | 0.0307 | 1.6197 | 0.0000 | 6,421.950 6 | 6,421.950 6 | 0.1922 | 0.0000 | 6,426.755 0 |
| 2041 | 0.5641 | 5.4717 | 5.5743 | 0.0327 | 2.6285 | 0.0228 | 2.6513 | 0.7083 | 0.0221 | 0.7304 | 0.0000 | 3,033.251 3 | 3,033.251 3 | 0.0913 | 0.0000 | 3,035.534 4 |
| 2042 | 7.8331 | 0.3882 | 1.8685 | 4.5100e-003 | 0.3007 | 0.0118 | 0.3125 | 0.0800 | 0.0118 | 0.0917 | 0.0000 | 395.6422 | 395.6422 | 9.2700e-003 | 0.0000 | 395.8739 |
| 2043 | 25.8618 | 0.1645 | 1.3167 | 6.1900e-003 | 0.9710 | 3.4400e-003 | 0.9744 | 0.2583 | 3.2400e-003 | 0.2615 | 0.0000 | 558.7927 | 558.7927 | 5.7700e-003 | 0.0000 | 558.9368 |
| Maximum | 25.8618 | 15.4216 | 18.8553 | 0.0825 | 5.9193 | 0.2563 | 6.0496 | 1.5953 | 0.2361 | 1.7175 | 0.0000 | 7,659.978 8 | 7,659.978 8 | 0.3334 | 0.0000 | 7,668.312 8 |

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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 |
|-------------------|------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|------|------|------|
| Percent Reduction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 1-1-2020 | 3-31-2020 | 1.2234 | 1.2234 |
| 2 | 4-1-2020 | 6-30-2020 | 1.2220 | 1.2220 |
| 3 | 7-1-2020 | 9-30-2020 | 1.2354 | 1.2354 |
| 4 | 10-1-2020 | 12-31-2020 | 1.2369 | 1.2369 |
| 5 | 1-1-2021 | 3-31-2021 | 1.2595 | 1.2595 |
| 6 | 4-1-2021 | 6-30-2021 | 1.4461 | 1.4461 |
| 7 | 7-1-2021 | 9-30-2021 | 1.4620 | 1.4620 |
| 8 | 10-1-2021 | 12-31-2021 | 1.5931 | 1.5931 |
| 9 | 1-1-2022 | 3-31-2022 | 1.3687 | 1.3687 |
| 10 | 4-1-2022 | 6-30-2022 | 1.3839 | 1.3839 |
| 11 | 7-1-2022 | 9-30-2022 | 1.3991 | 1.3991 |
| 12 | 10-1-2022 | 12-31-2022 | 1.3992 | 1.3992 |
| 13 | 1-1-2023 | 3-31-2023 | 1.2196 | 1.2196 |
| 14 | 4-1-2023 | 6-30-2023 | 1.2331 | 1.2331 |
| 15 | 7-1-2023 | 9-30-2023 | 2.9518 | 2.9518 |
| 16 | 10-1-2023 | 12-31-2023 | 4.7158 | 4.7158 |
| 17 | 1-1-2024 | 3-31-2024 | 4.5005 | 4.5005 |
| 18 | 4-1-2024 | 6-30-2024 | 4.4467 | 4.4467 |
| 19 | 7-1-2024 | 9-30-2024 | 4.4955 | 4.4955 |
| 20 | 10-1-2024 | 12-31-2024 | 4.5500 | 4.5500 |
| 21 | 1-1-2025 | 3-31-2025 | 4.2998 | 4.2998 |
| 22 | 4-1-2025 | 6-30-2025 | 4.2975 | 4.2975 |
| 23 | 7-1-2025 | 9-30-2025 | 4.3447 | 4.3447 |

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| | | | | |
|----|-----------|------------|--------|--------|
| 24 | 10-1-2025 | 12-31-2025 | 4.3953 | 4.3953 |
| 25 | 1-1-2026 | 3-31-2026 | 4.1940 | 4.1940 |
| 26 | 4-1-2026 | 6-30-2026 | 4.1933 | 4.1933 |
| 27 | 7-1-2026 | 9-30-2026 | 4.2394 | 4.2394 |
| 28 | 10-1-2026 | 12-31-2026 | 4.2872 | 4.2872 |
| 29 | 1-1-2027 | 3-31-2027 | 4.0957 | 4.0957 |
| 30 | 4-1-2027 | 6-30-2027 | 4.0966 | 4.0966 |
| 31 | 7-1-2027 | 9-30-2027 | 4.1416 | 4.1416 |
| 32 | 10-1-2027 | 12-31-2027 | 4.1867 | 4.1867 |
| 33 | 1-1-2028 | 3-31-2028 | 4.0511 | 4.0511 |
| 34 | 4-1-2028 | 6-30-2028 | 4.0087 | 4.0087 |
| 35 | 7-1-2028 | 9-30-2028 | 4.0527 | 4.0527 |
| 36 | 10-1-2028 | 12-31-2028 | 4.0956 | 4.0956 |
| 37 | 1-1-2029 | 3-31-2029 | 3.9186 | 3.9186 |
| 38 | 4-1-2029 | 6-30-2029 | 3.9217 | 3.9217 |
| 39 | 7-1-2029 | 9-30-2029 | 3.9648 | 3.9648 |
| 40 | 10-1-2029 | 12-31-2029 | 4.0057 | 4.0057 |
| 41 | 1-1-2030 | 3-31-2030 | 3.6884 | 3.6884 |
| 42 | 4-1-2030 | 6-30-2030 | 3.6905 | 3.6905 |
| 43 | 7-1-2030 | 9-30-2030 | 3.7311 | 3.7311 |
| 44 | 10-1-2030 | 12-31-2030 | 3.7704 | 3.7704 |
| 45 | 1-1-2031 | 3-31-2031 | 3.6088 | 3.6088 |
| 46 | 4-1-2031 | 6-30-2031 | 3.6116 | 3.6116 |
| 47 | 7-1-2031 | 9-30-2031 | 3.6512 | 3.6512 |
| 48 | 10-1-2031 | 12-31-2031 | 3.6890 | 3.6890 |
| 49 | 1-1-2032 | 3-31-2032 | 3.5765 | 3.5765 |
| 50 | 4-1-2032 | 6-30-2032 | 3.5401 | 3.5401 |

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| | | | | |
|----|-----------|------------|--------|--------|
| 51 | 7-1-2032 | 9-30-2032 | 3.5790 | 3.5790 |
| 52 | 10-1-2032 | 12-31-2032 | 3.6158 | 3.6158 |
| 53 | 1-1-2033 | 3-31-2033 | 3.4764 | 3.4764 |
| 54 | 4-1-2033 | 6-30-2033 | 3.4793 | 3.4793 |
| 55 | 7-1-2033 | 9-30-2033 | 3.5175 | 3.5175 |
| 56 | 10-1-2033 | 12-31-2033 | 3.5537 | 3.5537 |
| 57 | 1-1-2034 | 3-31-2034 | 3.4219 | 3.4219 |
| 58 | 4-1-2034 | 6-30-2034 | 3.4241 | 3.4241 |
| 59 | 7-1-2034 | 9-30-2034 | 3.4617 | 3.4617 |
| 60 | 10-1-2034 | 12-31-2034 | 3.4980 | 3.4980 |
| 61 | 1-1-2035 | 3-31-2035 | 3.3472 | 3.3472 |
| 62 | 4-1-2035 | 6-30-2035 | 3.3483 | 3.3483 |
| 63 | 7-1-2035 | 9-30-2035 | 3.3851 | 3.3851 |
| 64 | 10-1-2035 | 12-31-2035 | 3.4216 | 3.4216 |
| 65 | 1-1-2036 | 3-31-2036 | 3.3844 | 3.3844 |
| 66 | 4-1-2036 | 6-30-2036 | 3.3483 | 3.3483 |
| 67 | 7-1-2036 | 9-30-2036 | 3.3851 | 3.3851 |
| 68 | 10-1-2036 | 12-31-2036 | 3.4216 | 3.4216 |
| 69 | 1-1-2037 | 3-31-2037 | 3.3472 | 3.3472 |
| 70 | 4-1-2037 | 6-30-2037 | 3.3483 | 3.3483 |
| 71 | 7-1-2037 | 9-30-2037 | 3.3851 | 3.3851 |
| 72 | 10-1-2037 | 12-31-2037 | 3.4216 | 3.4216 |
| 73 | 1-1-2038 | 3-31-2038 | 3.3472 | 3.3472 |
| 74 | 4-1-2038 | 6-30-2038 | 3.3483 | 3.3483 |
| 75 | 7-1-2038 | 9-30-2038 | 3.3851 | 3.3851 |
| 76 | 10-1-2038 | 12-31-2038 | 3.4216 | 3.4216 |
| 77 | 1-1-2039 | 3-31-2039 | 3.3472 | 3.3472 |

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| | | | | |
|----|-----------|------------|--------|--------|
| 78 | 4-1-2039 | 6-30-2039 | 3.3483 | 3.3483 |
| 79 | 7-1-2039 | 9-30-2039 | 3.3851 | 3.3851 |
| 80 | 10-1-2039 | 12-31-2039 | 3.4216 | 3.4216 |
| 81 | 1-1-2040 | 3-31-2040 | 3.2133 | 3.2133 |
| 82 | 4-1-2040 | 6-30-2040 | 3.1753 | 3.1753 |
| 83 | 7-1-2040 | 9-30-2040 | 3.2102 | 3.2102 |
| 84 | 10-1-2040 | 12-31-2040 | 3.2486 | 3.2486 |
| 85 | 1-1-2041 | 3-31-2041 | 3.1780 | 3.1780 |
| 86 | 4-1-2041 | 6-30-2041 | 2.5442 | 2.5442 |
| 87 | 7-1-2041 | 9-30-2041 | 0.1542 | 0.1542 |
| 88 | 10-1-2041 | 12-31-2041 | 0.1542 | 0.1542 |
| 89 | 1-1-2042 | 3-31-2042 | 0.1509 | 0.1509 |
| 90 | 4-1-2042 | 6-30-2042 | 0.1525 | 0.1525 |
| 91 | 7-1-2042 | 9-30-2042 | 1.1558 | 1.1558 |
| 92 | 10-1-2042 | 12-31-2042 | 6.7389 | 6.7389 |
| 93 | 1-1-2043 | 3-31-2043 | 6.5924 | 6.5924 |
| 94 | 4-1-2043 | 6-30-2043 | 6.6628 | 6.6628 |
| 95 | 7-1-2043 | 9-30-2043 | 6.7360 | 6.7360 |
| | | Highest | 6.7389 | 6.7389 |

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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 | 26.3271 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |
| Energy | 0.3447 | 2.9804 | 1.5066 | 0.0188 | | 0.2382 | 0.2382 | | 0.2382 | 0.2382 | 0.0000 | 5,229.3437 | 5,229.3437 | 0.4318 | 0.1384 | 5,281.3717 |
| Mobile | 6.4019 | 33.3224 | 71.1452 | 0.3300 | 38.4085 | 0.1703 | 38.5788 | 10.2837 | 0.1583 | 10.4419 | 0.0000 | 30,556.2781 | 30,556.2781 | 1.1389 | 0.0000 | 30,584.7516 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 656.7082 | 0.0000 | 656.7082 | 38.8104 | 0.0000 | 1,626.9669 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 136.8393 | 198.0850 | 334.9243 | 0.5109 | 0.3058 | 438.8385 |
| Total | 33.0738 | 36.8838 | 123.0147 | 0.3515 | 38.4085 | 0.6888 | 39.0972 | 10.2837 | 0.6767 | 10.9603 | 793.5476 | 36,066.2666 | 36,859.8141 | 40.9707 | 0.4442 | 38,016.4540 |

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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 | 26.3271 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |
| Energy | 0.3447 | 2.9804 | 1.5066 | 0.0188 | | 0.2382 | 0.2382 | | 0.2382 | 0.2382 | 0.0000 | 5,229.3437 | 5,229.3437 | 0.4318 | 0.1384 | 5,281.3717 |
| Mobile | 6.3730 | 33.1809 | 70.4754 | 0.3264 | 37.9476 | 0.1686 | 38.1162 | 10.1602 | 0.1567 | 10.3169 | 0.0000 | 30,218.9321 | 30,218.9321 | 1.1290 | 0.0000 | 30,247.1560 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 656.7082 | 0.0000 | 656.7082 | 38.8104 | 0.0000 | 1,626.9669 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 136.8393 | 198.0850 | 334.9243 | 0.5109 | 0.3058 | 438.8385 |
| Total | 33.0448 | 36.7423 | 122.3449 | 0.3478 | 37.9476 | 0.6871 | 38.6346 | 10.1602 | 0.6751 | 10.8354 | 793.5476 | 35,728.9206 | 36,522.4682 | 40.9607 | 0.4442 | 37,678.8585 |

| | ROG | NOx | CO | SO2 | 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 | 0.09 | 0.38 | 0.54 | 1.04 | 1.20 | 0.25 | 1.18 | 1.20 | 0.23 | 1.14 | 0.00 | 0.94 | 0.92 | 0.02 | 0.00 | 0.89 |

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 | Demolition | Demolition | 1/1/2020 | 2/23/2021 | 5 | 300 | |
| 2 | Site Preparation | Site Preparation | 2/24/2021 | 11/2/2021 | 5 | 180 | |
| 3 | Grading | Grading | 11/3/2021 | 8/15/2023 | 5 | 465 | |
| 4 | Building Construction | Building Construction | 8/16/2023 | 6/11/2041 | 5 | 4650 | |
| 5 | Paving | Paving | 6/12/2041 | 9/16/2042 | 5 | 330 | |
| 6 | Architectural Coating | Architectural Coating | 9/17/2042 | 12/22/2043 | 5 | 330 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 887,580; Non-Residential Outdoor: 295,860; 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 |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Demolition | Excavators | 3 | 8.00 | 158 | 0.38 |
| Demolition | Rubber Tired Dozers | 2 | 8.00 | 247 | 0.40 |
| 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

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| 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 |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition | 6 | 15.00 | 0.00 | 1,040.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 5,207.00 | 1,188.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 1,041.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 0.1025 | 0.0000 | 0.1025 | 0.0155 | 0.0000 | 0.0155 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4339 | 4.3493 | 2.8497 | 5.0800e-003 | | 0.2173 | 0.2173 | | 0.2020 | 0.2020 | 0.0000 | 445.3818 | 445.3818 | 0.1257 | 0.0000 | 448.5250 |
| Total | 0.4339 | 4.3493 | 2.8497 | 5.0800e-003 | 0.1025 | 0.2173 | 0.3198 | 0.0155 | 0.2020 | 0.2175 | 0.0000 | 445.3818 | 445.3818 | 0.1257 | 0.0000 | 448.5250 |

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3.2 Demolition - 2020

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 3.4900e-003 | 0.1305 | 0.0295 | 3.6000e-004 | 8.5000e-003 | 4.7000e-004 | 8.9700e-003 | 2.3100e-003 | 4.5000e-004 | 2.7600e-003 | 0.0000 | 34.7469 | 34.7469 | 2.0200e-003 | 0.0000 | 34.7974 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.3100e-003 | 4.9600e-003 | 0.0544 | 1.4000e-004 | 0.0144 | 1.0000e-004 | 0.0145 | 3.8400e-003 | 1.0000e-004 | 3.9300e-003 | 0.0000 | 12.7870 | 12.7870 | 3.6000e-004 | 0.0000 | 12.7960 |
| Total | 0.0108 | 0.1354 | 0.0839 | 5.0000e-004 | 0.0229 | 5.7000e-004 | 0.0235 | 6.1500e-003 | 5.5000e-004 | 6.6900e-003 | 0.0000 | 47.5338 | 47.5338 | 2.3800e-003 | 0.0000 | 47.5934 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 0.1025 | 0.0000 | 0.1025 | 0.0155 | 0.0000 | 0.0155 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4339 | 4.3493 | 2.8497 | 5.0800e-003 | | 0.2173 | 0.2173 | | 0.2020 | 0.2020 | 0.0000 | 445.3812 | 445.3812 | 0.1257 | 0.0000 | 448.5244 |
| Total | 0.4339 | 4.3493 | 2.8497 | 5.0800e-003 | 0.1025 | 0.2173 | 0.3198 | 0.0155 | 0.2020 | 0.2175 | 0.0000 | 445.3812 | 445.3812 | 0.1257 | 0.0000 | 448.5244 |

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3.2 Demolition - 2020

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 3.4900e-003 | 0.1305 | 0.0295 | 3.6000e-004 | 8.5000e-003 | 4.7000e-004 | 8.9700e-003 | 2.3100e-003 | 4.5000e-004 | 2.7600e-003 | 0.0000 | 34.7469 | 34.7469 | 2.0200e-003 | 0.0000 | 34.7974 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.3100e-003 | 4.9600e-003 | 0.0544 | 1.4000e-004 | 0.0144 | 1.0000e-004 | 0.0145 | 3.8400e-003 | 1.0000e-004 | 3.9300e-003 | 0.0000 | 12.7870 | 12.7870 | 3.6000e-004 | 0.0000 | 12.7960 |
| Total | 0.0108 | 0.1354 | 0.0839 | 5.0000e-004 | 0.0229 | 5.7000e-004 | 0.0235 | 6.1500e-003 | 5.5000e-004 | 6.6900e-003 | 0.0000 | 47.5338 | 47.5338 | 2.3800e-003 | 0.0000 | 47.5934 |

3.2 Demolition - 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 | | | | | 0.0149 | 0.0000 | 0.0149 | 2.2500e-003 | 0.0000 | 2.2500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0601 | 0.5974 | 0.4097 | 7.4000e-004 | | 0.0295 | 0.0295 | | 0.0274 | 0.0274 | 0.0000 | 64.6015 | 64.6015 | 0.0182 | 0.0000 | 65.0561 |
| Total | 0.0601 | 0.5974 | 0.4097 | 7.4000e-004 | 0.0149 | 0.0295 | 0.0444 | 2.2500e-003 | 0.0274 | 0.0296 | 0.0000 | 64.6015 | 64.6015 | 0.0182 | 0.0000 | 65.0561 |

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3.2 Demolition - 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 | 4.7000e-004 | 0.0174 | 3.9700e-003 | 5.0000e-005 | 6.8800e-003 | 6.0000e-005 | 6.9400e-003 | 1.7200e-003 | 6.0000e-005 | 1.7800e-003 | 0.0000 | 4.9811 | 4.9811 | 2.9000e-004 | 0.0000 | 4.9883 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.9000e-004 | 6.4000e-004 | 7.2100e-003 | 2.0000e-005 | 2.0900e-003 | 1.0000e-005 | 2.1100e-003 | 5.6000e-004 | 1.0000e-005 | 5.7000e-004 | 0.0000 | 1.7915 | 1.7915 | 5.0000e-005 | 0.0000 | 1.7926 |
| Total | 1.4600e-003 | 0.0180 | 0.0112 | 7.0000e-005 | 8.9700e-003 | 7.0000e-005 | 9.0500e-003 | 2.2800e-003 | 7.0000e-005 | 2.3500e-003 | 0.0000 | 6.7725 | 6.7725 | 3.4000e-004 | 0.0000 | 6.7809 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 0.0149 | 0.0000 | 0.0149 | 2.2500e-003 | 0.0000 | 2.2500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0601 | 0.5974 | 0.4097 | 7.4000e-004 | | 0.0295 | 0.0295 | | 0.0274 | 0.0274 | 0.0000 | 64.6014 | 64.6014 | 0.0182 | 0.0000 | 65.0560 |
| Total | 0.0601 | 0.5974 | 0.4097 | 7.4000e-004 | 0.0149 | 0.0295 | 0.0444 | 2.2500e-003 | 0.0274 | 0.0296 | 0.0000 | 64.6014 | 64.6014 | 0.0182 | 0.0000 | 65.0560 |

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3.2 Demolition - 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 | 4.7000e-004 | 0.0174 | 3.9700e-003 | 5.0000e-005 | 6.8800e-003 | 6.0000e-005 | 6.9400e-003 | 1.7200e-003 | 6.0000e-005 | 1.7800e-003 | 0.0000 | 4.9811 | 4.9811 | 2.9000e-004 | 0.0000 | 4.9883 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.9000e-004 | 6.4000e-004 | 7.2100e-003 | 2.0000e-005 | 2.0900e-003 | 1.0000e-005 | 2.1100e-003 | 5.6000e-004 | 1.0000e-005 | 5.7000e-004 | 0.0000 | 1.7915 | 1.7915 | 5.0000e-005 | 0.0000 | 1.7926 |
| Total | 1.4600e-003 | 0.0180 | 0.0112 | 7.0000e-005 | 8.9700e-003 | 7.0000e-005 | 9.0500e-003 | 2.2800e-003 | 7.0000e-005 | 2.3500e-003 | 0.0000 | 6.7725 | 6.7725 | 3.4000e-004 | 0.0000 | 6.7809 |

3.3 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 | | | | | 1.6260 | 0.0000 | 1.6260 | 0.8938 | 0.0000 | 0.8938 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3499 | 3.6447 | 1.9039 | 3.4200e-003 | | 0.1840 | 0.1840 | | 0.1693 | 0.1693 | 0.0000 | 300.9215 | 300.9215 | 0.0973 | 0.0000 | 303.3546 |
| Total | 0.3499 | 3.6447 | 1.9039 | 3.4200e-003 | 1.6260 | 0.1840 | 1.8100 | 0.8938 | 0.1693 | 1.0630 | 0.0000 | 300.9215 | 300.9215 | 0.0973 | 0.0000 | 303.3546 |

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3.3 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 | 5.6100e-003 | 3.6700e-003 | 0.0410 | 1.1000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 8.0000e-005 | 3.2400e-003 | 0.0000 | 10.1830 | 10.1830 | 2.7000e-004 | 0.0000 | 10.1897 |
| Total | 5.6100e-003 | 3.6700e-003 | 0.0410 | 1.1000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 8.0000e-005 | 3.2400e-003 | 0.0000 | 10.1830 | 10.1830 | 2.7000e-004 | 0.0000 | 10.1897 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 1.6260 | 0.0000 | 1.6260 | 0.8938 | 0.0000 | 0.8938 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3499 | 3.6447 | 1.9039 | 3.4200e-003 | | 0.1840 | 0.1840 | | 0.1693 | 0.1693 | 0.0000 | 300.9211 | 300.9211 | 0.0973 | 0.0000 | 303.3542 |
| Total | 0.3499 | 3.6447 | 1.9039 | 3.4200e-003 | 1.6260 | 0.1840 | 1.8100 | 0.8938 | 0.1693 | 1.0630 | 0.0000 | 300.9211 | 300.9211 | 0.0973 | 0.0000 | 303.3542 |

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3.3 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 | 5.6100e-003 | 3.6700e-003 | 0.0410 | 1.1000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 8.0000e-005 | 3.2400e-003 | 0.0000 | 10.1830 | 10.1830 | 2.7000e-004 | 0.0000 | 10.1897 |
| Total | 5.6100e-003 | 3.6700e-003 | 0.0410 | 1.1000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 8.0000e-005 | 3.2400e-003 | 0.0000 | 10.1830 | 10.1830 | 2.7000e-004 | 0.0000 | 10.1897 |

3.4 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 | | | | | 0.7459 | 0.0000 | 0.7459 | 0.1377 | 0.0000 | 0.1377 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0901 | 0.9976 | 0.6639 | 1.3300e-003 | | 0.0427 | 0.0427 | | 0.0393 | 0.0393 | 0.0000 | 117.1642 | 117.1642 | 0.0379 | 0.0000 | 118.1115 |
| Total | 0.0901 | 0.9976 | 0.6639 | 1.3300e-003 | 0.7459 | 0.0427 | 0.7886 | 0.1377 | 0.0393 | 0.1770 | 0.0000 | 117.1642 | 117.1642 | 0.0379 | 0.0000 | 118.1115 |

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3.4 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 | 1.4900e-003 | 9.7000e-004 | 0.0109 | 3.0000e-005 | 3.1600e-003 | 2.0000e-005 | 3.1800e-003 | 8.4000e-004 | 2.0000e-005 | 8.6000e-004 | 0.0000 | 2.7029 | 2.7029 | 7.0000e-005 | 0.0000 | 2.7047 |
| Total | 1.4900e-003 | 9.7000e-004 | 0.0109 | 3.0000e-005 | 3.1600e-003 | 2.0000e-005 | 3.1800e-003 | 8.4000e-004 | 2.0000e-005 | 8.6000e-004 | 0.0000 | 2.7029 | 2.7029 | 7.0000e-005 | 0.0000 | 2.7047 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 0.7459 | 0.0000 | 0.7459 | 0.1377 | 0.0000 | 0.1377 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0901 | 0.9976 | 0.6639 | 1.3300e-003 | | 0.0427 | 0.0427 | | 0.0393 | 0.0393 | 0.0000 | 117.1641 | 117.1641 | 0.0379 | 0.0000 | 118.1114 |
| Total | 0.0901 | 0.9976 | 0.6639 | 1.3300e-003 | 0.7459 | 0.0427 | 0.7886 | 0.1377 | 0.0393 | 0.1770 | 0.0000 | 117.1641 | 117.1641 | 0.0379 | 0.0000 | 118.1114 |

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3.4 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 | 1.4900e-003 | 9.7000e-004 | 0.0109 | 3.0000e-005 | 3.1600e-003 | 2.0000e-005 | 3.1800e-003 | 8.4000e-004 | 2.0000e-005 | 8.6000e-004 | 0.0000 | 2.7029 | 2.7029 | 7.0000e-005 | 0.0000 | 2.7047 |
| Total | 1.4900e-003 | 9.7000e-004 | 0.0109 | 3.0000e-005 | 3.1600e-003 | 2.0000e-005 | 3.1800e-003 | 8.4000e-004 | 2.0000e-005 | 8.6000e-004 | 0.0000 | 2.7029 | 2.7029 | 7.0000e-005 | 0.0000 | 2.7047 |

3.4 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 | | | | | 1.3993 | 0.0000 | 1.3993 | 0.4969 | 0.0000 | 0.4969 | 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 | 1.3993 | 0.2125 | 1.6118 | 0.4969 | 0.1955 | 0.6924 | 0.0000 | 708.9498 | 708.9498 | 0.2293 | 0.0000 | 714.6820 |

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3.4 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 | 8.4100e-003 | 5.2900e-003 | 0.0605 | 1.7000e-004 | 0.0191 | 1.3000e-004 | 0.0192 | 5.0800e-003 | 1.2000e-004 | 5.2000e-003 | 0.0000 | 15.7577 | 15.7577 | 3.9000e-004 | 0.0000 | 15.7673 |
| Total | 8.4100e-003 | 5.2900e-003 | 0.0605 | 1.7000e-004 | 0.0191 | 1.3000e-004 | 0.0192 | 5.0800e-003 | 1.2000e-004 | 5.2000e-003 | 0.0000 | 15.7577 | 15.7577 | 3.9000e-004 | 0.0000 | 15.7673 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 1.3993 | 0.0000 | 1.3993 | 0.4969 | 0.0000 | 0.4969 | 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 | 1.3993 | 0.2125 | 1.6118 | 0.4969 | 0.1955 | 0.6924 | 0.0000 | 708.9490 | 708.9490 | 0.2293 | 0.0000 | 714.6812 |

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3.4 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 | 8.4100e-003 | 5.2900e-003 | 0.0605 | 1.7000e-004 | 0.0191 | 1.3000e-004 | 0.0192 | 5.0800e-003 | 1.2000e-004 | 5.2000e-003 | 0.0000 | 15.7577 | 15.7577 | 3.9000e-004 | 0.0000 | 15.7673 |
| Total | 8.4100e-003 | 5.2900e-003 | 0.0605 | 1.7000e-004 | 0.0191 | 1.3000e-004 | 0.0192 | 5.0800e-003 | 1.2000e-004 | 5.2000e-003 | 0.0000 | 15.7577 | 15.7577 | 3.9000e-004 | 0.0000 | 15.7673 |

3.4 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 | | | | | 1.1042 | 0.0000 | 1.1042 | 0.3347 | 0.0000 | 0.3347 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.2691 | 2.7958 | 2.2721 | 5.0300e-003 | | 0.1154 | 0.1154 | | 0.1062 | 0.1062 | 0.0000 | 441.7352 | 441.7352 | 0.1429 | 0.0000 | 445.3068 |
| Total | 0.2691 | 2.7958 | 2.2721 | 5.0300e-003 | 1.1042 | 0.1154 | 1.2196 | 0.3347 | 0.1062 | 0.4408 | 0.0000 | 441.7352 | 441.7352 | 0.1429 | 0.0000 | 445.3068 |

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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 | 4.9100e-003 | 2.9700e-003 | 0.0346 | 1.0000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 7.0000e-005 | 3.2400e-003 | 0.0000 | 9.4496 | 9.4496 | 2.2000e-004 | 0.0000 | 9.4549 |
| Total | 4.9100e-003 | 2.9700e-003 | 0.0346 | 1.0000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 7.0000e-005 | 3.2400e-003 | 0.0000 | 9.4496 | 9.4496 | 2.2000e-004 | 0.0000 | 9.4549 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 1.1042 | 0.0000 | 1.1042 | 0.3347 | 0.0000 | 0.3347 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.2691 | 2.7958 | 2.2721 | 5.0300e-003 | | 0.1154 | 0.1154 | | 0.1062 | 0.1062 | 0.0000 | 441.7347 | 441.7347 | 0.1429 | 0.0000 | 445.3063 |
| Total | 0.2691 | 2.7958 | 2.2721 | 5.0300e-003 | 1.1042 | 0.1154 | 1.2196 | 0.3347 | 0.1062 | 0.4408 | 0.0000 | 441.7347 | 441.7347 | 0.1429 | 0.0000 | 445.3063 |

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3.4 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 | 4.9100e-003 | 2.9700e-003 | 0.0346 | 1.0000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 7.0000e-005 | 3.2400e-003 | 0.0000 | 9.4496 | 9.4496 | 2.2000e-004 | 0.0000 | 9.4549 |
| Total | 4.9100e-003 | 2.9700e-003 | 0.0346 | 1.0000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 7.0000e-005 | 3.2400e-003 | 0.0000 | 9.4496 | 9.4496 | 2.2000e-004 | 0.0000 | 9.4549 |

3.5 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 | 0.0771 | 0.7049 | 0.7960 | 1.3200e-003 | | 0.0343 | 0.0343 | | 0.0323 | 0.0323 | 0.0000 | 113.5843 | 113.5843 | 0.0270 | 0.0000 | 114.2598 |
| Total | 0.0771 | 0.7049 | 0.7960 | 1.3200e-003 | | 0.0343 | 0.0343 | | 0.0323 | 0.0323 | 0.0000 | 113.5843 | 113.5843 | 0.0270 | 0.0000 | 114.2598 |

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3.5 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 | 0.1343 | 4.7787 | 1.2983 | 0.0138 | 0.3403 | 6.8700e-003 | 0.3471 | 0.0983 | 6.5700e-003 | 0.1049 | 0.0000 | 1,328.8818 | 1,328.8818 | 0.0681 | 0.0000 | 1,330.5832 |
| Worker | 0.7728 | 0.4671 | 5.4498 | 0.0165 | 1.8739 | 0.0125 | 1.8863 | 0.4984 | 0.0115 | 0.5099 | 0.0000 | 1,488.2635 | 1,488.2635 | 0.0339 | 0.0000 | 1,489.1114 |
| Total | 0.9072 | 5.2458 | 6.7481 | 0.0303 | 2.2141 | 0.0193 | 2.2335 | 0.5967 | 0.0180 | 0.6148 | 0.0000 | 2,817.1452 | 2,817.1452 | 0.1020 | 0.0000 | 2,819.6946 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0771 | 0.7049 | 0.7960 | 1.3200e-003 | | 0.0343 | 0.0343 | | 0.0323 | 0.0323 | 0.0000 | 113.5842 | 113.5842 | 0.0270 | 0.0000 | 114.2597 |
| Total | 0.0771 | 0.7049 | 0.7960 | 1.3200e-003 | | 0.0343 | 0.0343 | | 0.0323 | 0.0323 | 0.0000 | 113.5842 | 113.5842 | 0.0270 | 0.0000 | 114.2597 |

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3.5 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 | 0.1343 | 4.7787 | 1.2983 | 0.0138 | 0.3403 | 6.8700e-003 | 0.3471 | 0.0983 | 6.5700e-003 | 0.1049 | 0.0000 | 1,328.8818 | 1,328.8818 | 0.0681 | 0.0000 | 1,330.5832 |
| Worker | 0.7728 | 0.4671 | 5.4498 | 0.0165 | 1.8739 | 0.0125 | 1.8863 | 0.4984 | 0.0115 | 0.5099 | 0.0000 | 1,488.2635 | 1,488.2635 | 0.0339 | 0.0000 | 1,489.1114 |
| Total | 0.9072 | 5.2458 | 6.7481 | 0.0303 | 2.2141 | 0.0193 | 2.2335 | 0.5967 | 0.0180 | 0.6148 | 0.0000 | 2,817.1452 | 2,817.1452 | 0.1020 | 0.0000 | 2,819.6946 |

3.5 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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3.5 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 | 0.3422 | 12.5319 | 3.2448 | 0.0367 | 0.9096 | 0.0174 | 0.9270 | 0.2628 | 0.0167 | 0.2795 | 0.0000 | 3,532.0998 | 3,532.0998 | 0.1797 | 0.0000 | 3,536.5933 |
| Worker | 1.9428 | 1.1286 | 13.4927 | 0.0423 | 5.0097 | 0.0326 | 5.0423 | 1.3324 | 0.0300 | 1.3624 | 0.0000 | 3,824.1571 | 3,824.1571 | 0.0818 | 0.0000 | 3,826.2020 |
| Total | 2.2850 | 13.6605 | 16.7375 | 0.0790 | 5.9193 | 0.0500 | 5.9693 | 1.5953 | 0.0467 | 1.6419 | 0.0000 | 7,356.2569 | 7,356.2569 | 0.2615 | 0.0000 | 7,362.7953 |

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 | | | | | |
| 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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3.5 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 | 0.3422 | 12.5319 | 3.2448 | 0.0367 | 0.9096 | 0.0174 | 0.9270 | 0.2628 | 0.0167 | 0.2795 | 0.0000 | 3,532.0998 | 3,532.0998 | 0.1797 | 0.0000 | 3,536.5933 |
| Worker | 1.9428 | 1.1286 | 13.4927 | 0.0423 | 5.0097 | 0.0326 | 5.0423 | 1.3324 | 0.0300 | 1.3624 | 0.0000 | 3,824.1571 | 3,824.1571 | 0.0818 | 0.0000 | 3,826.2020 |
| Total | 2.2850 | 13.6605 | 16.7375 | 0.0790 | 5.9193 | 0.0500 | 5.9693 | 1.5953 | 0.0467 | 1.6419 | 0.0000 | 7,356.2569 | 7,356.2569 | 0.2615 | 0.0000 | 7,362.7953 |

3.5 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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3.5 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 | 0.3270 | 12.2526 | 3.0605 | 0.0363 | 0.9060 | 0.0165 | 0.9225 | 0.2618 | 0.0157 | 0.2776 | 0.0000 | 3,498.7573 | 3,498.7573 | 0.1770 | 0.0000 | 3,503.1810 |
| Worker | 1.8277 | 1.0209 | 12.4503 | 0.0404 | 4.9906 | 0.0318 | 5.0224 | 1.3273 | 0.0293 | 1.3566 | 0.0000 | 3,657.0391 | 3,657.0391 | 0.0739 | 0.0000 | 3,658.8854 |
| Total | 2.1547 | 13.2735 | 15.5108 | 0.0768 | 5.8966 | 0.0483 | 5.9449 | 1.5891 | 0.0450 | 1.6342 | 0.0000 | 7,155.7964 | 7,155.7964 | 0.2508 | 0.0000 | 7,162.0664 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.3270 | 12.2526 | 3.0605 | 0.0363 | 0.9060 | 0.0165 | 0.9225 | 0.2618 | 0.0157 | 0.2776 | 0.0000 | 3,498.7573 | 3,498.7573 | 0.1770 | 0.0000 | 3,503.1810 |
| Worker | 1.8277 | 1.0209 | 12.4503 | 0.0404 | 4.9906 | 0.0318 | 5.0224 | 1.3273 | 0.0293 | 1.3566 | 0.0000 | 3,657.0391 | 3,657.0391 | 0.0739 | 0.0000 | 3,658.8854 |
| Total | 2.1547 | 13.2735 | 15.5108 | 0.0768 | 5.8966 | 0.0483 | 5.9449 | 1.5891 | 0.0450 | 1.6342 | 0.0000 | 7,155.7964 | 7,155.7964 | 0.2508 | 0.0000 | 7,162.0664 |

3.5 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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3.5 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 | 0.3147 | 12.0325 | 2.9205 | 0.0361 | 0.9060 | 0.0156 | 0.9215 | 0.2618 | 0.0149 | 0.2767 | 0.0000 | 3,479.8878 | 3,479.8878 | 0.1750 | 0.0000 | 3,484.2638 |
| Worker | 1.7326 | 0.9327 | 11.5882 | 0.0389 | 4.9906 | 0.0309 | 5.0215 | 1.3273 | 0.0284 | 1.3558 | 0.0000 | 3,521.1653 | 3,521.1653 | 0.0672 | 0.0000 | 3,522.8461 |
| Total | 2.0473 | 12.9651 | 14.5087 | 0.0750 | 5.8966 | 0.0465 | 5.9430 | 1.5891 | 0.0433 | 1.6324 | 0.0000 | 7,001.0531 | 7,001.0531 | 0.2423 | 0.0000 | 7,007.1099 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.3147 | 12.0325 | 2.9205 | 0.0361 | 0.9060 | 0.0156 | 0.9215 | 0.2618 | 0.0149 | 0.2767 | 0.0000 | 3,479.8878 | 3,479.8878 | 0.1750 | 0.0000 | 3,484.2638 |
| Worker | 1.7326 | 0.9327 | 11.5882 | 0.0389 | 4.9906 | 0.0309 | 5.0215 | 1.3273 | 0.0284 | 1.3558 | 0.0000 | 3,521.1653 | 3,521.1653 | 0.0672 | 0.0000 | 3,522.8461 |
| Total | 2.0473 | 12.9651 | 14.5087 | 0.0750 | 5.8966 | 0.0465 | 5.9430 | 1.5891 | 0.0433 | 1.6324 | 0.0000 | 7,001.0531 | 7,001.0531 | 0.2423 | 0.0000 | 7,007.1099 |

3.5 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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3.5 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 | 0.3039 | 11.8301 | 2.7989 | 0.0359 | 0.9059 | 0.0148 | 0.9207 | 0.2618 | 0.0142 | 0.2759 | 0.0000 | 3,462.1431 | 3,462.1431 | 0.1732 | 0.0000 | 3,466.4725 |
| Worker | 1.6394 | 0.8534 | 10.8099 | 0.0376 | 4.9906 | 0.0294 | 5.0200 | 1.3273 | 0.0270 | 1.3544 | 0.0000 | 3,399.5328 | 3,399.5328 | 0.0613 | 0.0000 | 3,401.0641 |
| Total | 1.9433 | 12.6835 | 13.6087 | 0.0735 | 5.8965 | 0.0442 | 5.9407 | 1.5891 | 0.0412 | 1.6303 | 0.0000 | 6,861.6758 | 6,861.6758 | 0.2344 | 0.0000 | 6,867.5367 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.3039 | 11.8301 | 2.7989 | 0.0359 | 0.9059 | 0.0148 | 0.9207 | 0.2618 | 0.0142 | 0.2759 | 0.0000 | 3,462.1431 | 3,462.1431 | 0.1732 | 0.0000 | 3,466.4725 |
| Worker | 1.6394 | 0.8534 | 10.8099 | 0.0376 | 4.9906 | 0.0294 | 5.0200 | 1.3273 | 0.0270 | 1.3544 | 0.0000 | 3,399.5328 | 3,399.5328 | 0.0613 | 0.0000 | 3,401.0641 |
| Total | 1.9433 | 12.6835 | 13.6087 | 0.0735 | 5.8965 | 0.0442 | 5.9407 | 1.5891 | 0.0412 | 1.6303 | 0.0000 | 6,861.6758 | 6,861.6758 | 0.2344 | 0.0000 | 6,867.5367 |

3.5 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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3.5 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 | 0.2932 | 11.6131 | 2.6857 | 0.0356 | 0.9024 | 0.0141 | 0.9165 | 0.2607 | 0.0135 | 0.2742 | 0.0000 | 3,433.798 3 | 3,433.798 3 | 0.1706 | 0.0000 | 3,438.064 2 |
| Worker | 1.5369 | 0.7800 | 10.0849 | 0.0362 | 4.9715 | 0.0273 | 4.9988 | 1.3223 | 0.0251 | 1.3474 | 0.0000 | 3,278.946 7 | 3,278.946 7 | 0.0559 | 0.0000 | 3,280.343 6 |
| Total | 1.8302 | 12.3931 | 12.7707 | 0.0718 | 5.8739 | 0.0414 | 5.9153 | 1.5830 | 0.0386 | 1.6216 | 0.0000 | 6,712.745 1 | 6,712.745 1 | 0.2265 | 0.0000 | 6,718.407 8 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.2932 | 11.6131 | 2.6857 | 0.0356 | 0.9024 | 0.0141 | 0.9165 | 0.2607 | 0.0135 | 0.2742 | 0.0000 | 3,433.798 3 | 3,433.798 3 | 0.1706 | 0.0000 | 3,438.064 2 |
| Worker | 1.5369 | 0.7800 | 10.0849 | 0.0362 | 4.9715 | 0.0273 | 4.9988 | 1.3223 | 0.0251 | 1.3474 | 0.0000 | 3,278.946 7 | 3,278.946 7 | 0.0559 | 0.0000 | 3,280.343 6 |
| Total | 1.8302 | 12.3931 | 12.7707 | 0.0718 | 5.8739 | 0.0414 | 5.9153 | 1.5830 | 0.0386 | 1.6216 | 0.0000 | 6,712.745 1 | 6,712.745 1 | 0.2265 | 0.0000 | 6,718.407 8 |

3.5 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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3.5 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 | 0.2858 | 11.4938 | 2.6100 | 0.0356 | 0.9058 | 0.0135 | 0.9193 | 0.2617 | 0.0129 | 0.2746 | 0.0000 | 3,433.2265 | 3,433.2265 | 0.1694 | 0.0000 | 3,437.4616 |
| Worker | 1.4375 | 0.7173 | 9.4648 | 0.0353 | 4.9906 | 0.0255 | 5.0161 | 1.3273 | 0.0235 | 1.3508 | 0.0000 | 3,195.8629 | 3,195.8629 | 0.0512 | 0.0000 | 3,197.1423 |
| Total | 1.7233 | 12.2111 | 12.0748 | 0.0709 | 5.8964 | 0.0390 | 5.9354 | 1.5891 | 0.0364 | 1.6254 | 0.0000 | 6,629.0894 | 6,629.0894 | 0.2206 | 0.0000 | 6,634.6040 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.2858 | 11.4938 | 2.6100 | 0.0356 | 0.9058 | 0.0135 | 0.9193 | 0.2617 | 0.0129 | 0.2746 | 0.0000 | 3,433.2265 | 3,433.2265 | 0.1694 | 0.0000 | 3,437.4616 |
| Worker | 1.4375 | 0.7173 | 9.4648 | 0.0353 | 4.9906 | 0.0255 | 5.0161 | 1.3273 | 0.0235 | 1.3508 | 0.0000 | 3,195.8629 | 3,195.8629 | 0.0512 | 0.0000 | 3,197.1423 |
| Total | 1.7233 | 12.2111 | 12.0748 | 0.0709 | 5.8964 | 0.0390 | 5.9354 | 1.5891 | 0.0364 | 1.6254 | 0.0000 | 6,629.0894 | 6,629.0894 | 0.2206 | 0.0000 | 6,634.6040 |

3.5 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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3.5 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 | 0.2780 | 11.3402 | 2.5391 | 0.0355 | 0.9057 | 0.0128 | 0.9185 | 0.2617 | 0.0122 | 0.2739 | 0.0000 | 3,420.9238 | 3,420.9238 | 0.1675 | 0.0000 | 3,425.1100 |
| Worker | 1.3357 | 0.6581 | 8.8719 | 0.0344 | 4.9906 | 0.0238 | 5.0144 | 1.3273 | 0.0219 | 1.3492 | 0.0000 | 3,111.5619 | 3,111.5619 | 0.0468 | 0.0000 | 3,112.7318 |
| Total | 1.6137 | 11.9983 | 11.4110 | 0.0698 | 5.8964 | 0.0366 | 5.9329 | 1.5890 | 0.0341 | 1.6231 | 0.0000 | 6,532.4857 | 6,532.4857 | 0.2143 | 0.0000 | 6,537.8418 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.2780 | 11.3402 | 2.5391 | 0.0355 | 0.9057 | 0.0128 | 0.9185 | 0.2617 | 0.0122 | 0.2739 | 0.0000 | 3,420.9238 | 3,420.9238 | 0.1675 | 0.0000 | 3,425.1100 |
| Worker | 1.3357 | 0.6581 | 8.8719 | 0.0344 | 4.9906 | 0.0238 | 5.0144 | 1.3273 | 0.0219 | 1.3492 | 0.0000 | 3,111.5619 | 3,111.5619 | 0.0468 | 0.0000 | 3,112.7318 |
| Total | 1.6137 | 11.9983 | 11.4110 | 0.0698 | 5.8964 | 0.0366 | 5.9329 | 1.5890 | 0.0341 | 1.6231 | 0.0000 | 6,532.4857 | 6,532.4857 | 0.2143 | 0.0000 | 6,537.8418 |

3.5 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 | 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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3.5 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 | 0.2714 | 11.2009 | 2.4810 | 0.0353 | 0.9057 | 0.0122 | 0.9179 | 0.2617 | 0.0116 | 0.2733 | 0.0000 | 3,410.4625 | 3,410.4625 | 0.1658 | 0.0000 | 3,414.6064 |
| Worker | 1.2279 | 0.6022 | 8.3061 | 0.0336 | 4.9906 | 0.0221 | 5.0127 | 1.3273 | 0.0204 | 1.3477 | 0.0000 | 3,037.6093 | 3,037.6093 | 0.0427 | 0.0000 | 3,038.6767 |
| Total | 1.4993 | 11.8031 | 10.7871 | 0.0689 | 5.8963 | 0.0343 | 5.9306 | 1.5890 | 0.0320 | 1.6210 | 0.0000 | 6,448.0718 | 6,448.0718 | 0.2085 | 0.0000 | 6,453.2830 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.2714 | 11.2009 | 2.4810 | 0.0353 | 0.9057 | 0.0122 | 0.9179 | 0.2617 | 0.0116 | 0.2733 | 0.0000 | 3,410.4625 | 3,410.4625 | 0.1658 | 0.0000 | 3,414.6064 |
| Worker | 1.2279 | 0.6022 | 8.3061 | 0.0336 | 4.9906 | 0.0221 | 5.0127 | 1.3273 | 0.0204 | 1.3477 | 0.0000 | 3,037.6093 | 3,037.6093 | 0.0427 | 0.0000 | 3,038.6767 |
| Total | 1.4993 | 11.8031 | 10.7871 | 0.0689 | 5.8963 | 0.0343 | 5.9306 | 1.5890 | 0.0320 | 1.6210 | 0.0000 | 6,448.0718 | 6,448.0718 | 0.2085 | 0.0000 | 6,453.2830 |

3.5 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 | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3479 | 344.3479 | 0.0138 | 0.0000 | 344.6933 |
| Total | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3479 | 344.3479 | 0.0138 | 0.0000 | 344.6933 |

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3.5 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 | 0.2670 | 11.1140 | 2.4442 | 0.0354 | 0.9091 | 0.0117 | 0.9209 | 0.2627 | 0.0112 | 0.2739 | 0.0000 | 3,414.9530 | 3,414.9530 | 0.1649 | 0.0000 | 3,419.0754 |
| Worker | 1.1358 | 0.5561 | 7.8377 | 0.0330 | 5.0097 | 0.0207 | 5.0304 | 1.3324 | 0.0190 | 1.3514 | 0.0000 | 2,984.6115 | 2,984.6115 | 0.0393 | 0.0000 | 2,985.5932 |
| Total | 1.4028 | 11.6700 | 10.2819 | 0.0683 | 5.9189 | 0.0324 | 5.9513 | 1.5951 | 0.0302 | 1.6253 | 0.0000 | 6,399.5645 | 6,399.5645 | 0.2042 | 0.0000 | 6,404.6686 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3475 | 344.3475 | 0.0138 | 0.0000 | 344.6929 |
| Total | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3475 | 344.3475 | 0.0138 | 0.0000 | 344.6929 |

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3.5 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 | 0.2670 | 11.1140 | 2.4442 | 0.0354 | 0.9091 | 0.0117 | 0.9209 | 0.2627 | 0.0112 | 0.2739 | 0.0000 | 3,414.9530 | 3,414.9530 | 0.1649 | 0.0000 | 3,419.0754 |
| Worker | 1.1358 | 0.5561 | 7.8377 | 0.0330 | 5.0097 | 0.0207 | 5.0304 | 1.3324 | 0.0190 | 1.3514 | 0.0000 | 2,984.6115 | 2,984.6115 | 0.0393 | 0.0000 | 2,985.5932 |
| Total | 1.4028 | 11.6700 | 10.2819 | 0.0683 | 5.9189 | 0.0324 | 5.9513 | 1.5951 | 0.0302 | 1.6253 | 0.0000 | 6,399.5645 | 6,399.5645 | 0.2042 | 0.0000 | 6,404.6686 |

3.5 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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3.5 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 | 0.2604 | 10.9146 | 2.3866 | 0.0350 | 0.9022 | 0.0112 | 0.9134 | 0.2607 | 0.0107 | 0.2714 | 0.0000 | 3,381.4469 | 3,381.4469 | 0.1623 | 0.0000 | 3,385.5051 |
| Worker | 1.0488 | 0.5125 | 7.3598 | 0.0321 | 4.9715 | 0.0191 | 4.9906 | 1.3223 | 0.0176 | 1.3398 | 0.0000 | 2,906.5334 | 2,906.5334 | 0.0360 | 0.0000 | 2,907.4333 |
| Total | 1.3092 | 11.4271 | 9.7464 | 0.0671 | 5.8737 | 0.0303 | 5.9040 | 1.5829 | 0.0283 | 1.6112 | 0.0000 | 6,287.9803 | 6,287.9803 | 0.1983 | 0.0000 | 6,292.9384 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 341.7189 | 341.7189 | 0.0137 | 0.0000 | 342.0617 |
| Total | 0.1702 | 1.0315 | 2.1004 | 4.0200e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 341.7189 | 341.7189 | 0.0137 | 0.0000 | 342.0617 |

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3.5 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 | 0.2604 | 10.9146 | 2.3866 | 0.0350 | 0.9022 | 0.0112 | 0.9134 | 0.2607 | 0.0107 | 0.2714 | 0.0000 | 3,381.4469 | 3,381.4469 | 0.1623 | 0.0000 | 3,385.5051 |
| Worker | 1.0488 | 0.5125 | 7.3598 | 0.0321 | 4.9715 | 0.0191 | 4.9906 | 1.3223 | 0.0176 | 1.3398 | 0.0000 | 2,906.5334 | 2,906.5334 | 0.0360 | 0.0000 | 2,907.4333 |
| Total | 1.3092 | 11.4271 | 9.7464 | 0.0671 | 5.8737 | 0.0303 | 5.9040 | 1.5829 | 0.0283 | 1.6112 | 0.0000 | 6,287.9803 | 6,287.9803 | 0.1983 | 0.0000 | 6,292.9384 |

3.5 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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3.5 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 | 0.2561 | 10.8085 | 2.3511 | 0.0350 | 0.9022 | 0.0108 | 0.9130 | 0.2607 | 0.0103 | 0.2710 | 0.0000 | 3,375.2102 | 3,375.2102 | 0.1611 | 0.0000 | 3,379.2376 |
| Worker | 0.9799 | 0.4789 | 6.9643 | 0.0316 | 4.9715 | 0.0178 | 4.9893 | 1.3223 | 0.0164 | 1.3387 | 0.0000 | 2,858.7639 | 2,858.7639 | 0.0332 | 0.0000 | 2,859.5946 |
| Total | 1.2360 | 11.2875 | 9.3154 | 0.0665 | 5.8736 | 0.0287 | 5.9023 | 1.5829 | 0.0268 | 1.6097 | 0.0000 | 6,233.9741 | 6,233.9741 | 0.1943 | 0.0000 | 6,238.8322 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 341.7189 | 341.7189 | 0.0137 | 0.0000 | 342.0617 |
| Total | 0.1702 | 1.0315 | 2.1004 | 4.0200e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 341.7189 | 341.7189 | 0.0137 | 0.0000 | 342.0617 |

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3.5 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 | 0.2561 | 10.8085 | 2.3511 | 0.0350 | 0.9022 | 0.0108 | 0.9130 | 0.2607 | 0.0103 | 0.2710 | 0.0000 | 3,375.2102 | 3,375.2102 | 0.1611 | 0.0000 | 3,379.2376 |
| Worker | 0.9799 | 0.4789 | 6.9643 | 0.0316 | 4.9715 | 0.0178 | 4.9893 | 1.3223 | 0.0164 | 1.3387 | 0.0000 | 2,858.7639 | 2,858.7639 | 0.0332 | 0.0000 | 2,859.5946 |
| Total | 1.2360 | 11.2875 | 9.3154 | 0.0665 | 5.8736 | 0.0287 | 5.9023 | 1.5829 | 0.0268 | 1.6097 | 0.0000 | 6,233.9741 | 6,233.9741 | 0.1943 | 0.0000 | 6,238.8322 |

3.5 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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3.5 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 | 0.2534 | 10.7558 | 2.3303 | 0.0350 | 0.9056 | 0.0105 | 0.9161 | 0.2617 | 0.0101 | 0.2717 | 0.0000 | 3,383.0399 | 3,383.0399 | 0.1606 | 0.0000 | 3,387.0540 |
| Worker | 0.9237 | 0.4545 | 6.6516 | 0.0312 | 4.9906 | 0.0168 | 5.0074 | 1.3273 | 0.0154 | 1.3428 | 0.0000 | 2,828.9802 | 2,828.9802 | 0.0310 | 0.0000 | 2,829.7552 |
| Total | 1.1770 | 11.2103 | 8.9819 | 0.0663 | 5.8962 | 0.0273 | 5.9235 | 1.5890 | 0.0255 | 1.6144 | 0.0000 | 6,212.0200 | 6,212.0200 | 0.1916 | 0.0000 | 6,216.8091 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 343.0332 | 343.0332 | 0.0128 | 0.0000 | 343.3526 |
| Total | 0.1588 | 0.9346 | 2.1034 | 4.0400e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 343.0332 | 343.0332 | 0.0128 | 0.0000 | 343.3526 |

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3.5 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 | 0.2534 | 10.7558 | 2.3303 | 0.0350 | 0.9056 | 0.0105 | 0.9161 | 0.2617 | 0.0101 | 0.2717 | 0.0000 | 3,383.0399 | 3,383.0399 | 0.1606 | 0.0000 | 3,387.0540 |
| Worker | 0.9237 | 0.4545 | 6.6516 | 0.0312 | 4.9906 | 0.0168 | 5.0074 | 1.3273 | 0.0154 | 1.3428 | 0.0000 | 2,828.9802 | 2,828.9802 | 0.0310 | 0.0000 | 2,829.7552 |
| Total | 1.1770 | 11.2103 | 8.9819 | 0.0663 | 5.8962 | 0.0273 | 5.9235 | 1.5890 | 0.0255 | 1.6144 | 0.0000 | 6,212.0200 | 6,212.0200 | 0.1916 | 0.0000 | 6,216.8091 |

3.5 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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3.5 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 | 0.2543 | 10.7970 | 2.3392 | 0.0352 | 0.9091 | 0.0106 | 0.9196 | 0.2627 | 0.0101 | 0.2727 | 0.0000 | 3,396.0017 | 3,396.0017 | 0.1612 | 0.0000 | 3,400.0312 |
| Worker | 0.9272 | 0.4563 | 6.6771 | 0.0314 | 5.0097 | 0.0168 | 5.0265 | 1.3324 | 0.0155 | 1.3479 | 0.0000 | 2,839.8192 | 2,839.8192 | 0.0311 | 0.0000 | 2,840.5972 |
| Total | 1.1815 | 11.2533 | 9.0163 | 0.0665 | 5.9188 | 0.0274 | 5.9462 | 1.5951 | 0.0256 | 1.6206 | 0.0000 | 6,235.8209 | 6,235.8209 | 0.1923 | 0.0000 | 6,240.6283 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 344.3475 | 344.3475 | 0.0128 | 0.0000 | 344.6682 |
| Total | 0.1594 | 0.9381 | 2.1114 | 4.0600e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 344.3475 | 344.3475 | 0.0128 | 0.0000 | 344.6682 |

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3.5 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 | 0.2543 | 10.7970 | 2.3392 | 0.0352 | 0.9091 | 0.0106 | 0.9196 | 0.2627 | 0.0101 | 0.2727 | 0.0000 | 3,396.0017 | 3,396.0017 | 0.1612 | 0.0000 | 3,400.0312 |
| Worker | 0.9272 | 0.4563 | 6.6771 | 0.0314 | 5.0097 | 0.0168 | 5.0265 | 1.3324 | 0.0155 | 1.3479 | 0.0000 | 2,839.8192 | 2,839.8192 | 0.0311 | 0.0000 | 2,840.5972 |
| Total | 1.1815 | 11.2533 | 9.0163 | 0.0665 | 5.9188 | 0.0274 | 5.9462 | 1.5951 | 0.0256 | 1.6206 | 0.0000 | 6,235.8209 | 6,235.8209 | 0.1923 | 0.0000 | 6,240.6283 |

3.5 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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3.5 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 | 0.2534 | 10.7558 | 2.3303 | 0.0350 | 0.9056 | 0.0105 | 0.9161 | 0.2617 | 0.0101 | 0.2717 | 0.0000 | 3,383.0399 | 3,383.0399 | 0.1606 | 0.0000 | 3,387.0540 |
| Worker | 0.9237 | 0.4545 | 6.6516 | 0.0312 | 4.9906 | 0.0168 | 5.0074 | 1.3273 | 0.0154 | 1.3428 | 0.0000 | 2,828.9802 | 2,828.9802 | 0.0310 | 0.0000 | 2,829.7552 |
| Total | 1.1770 | 11.2103 | 8.9819 | 0.0663 | 5.8962 | 0.0273 | 5.9235 | 1.5890 | 0.0255 | 1.6144 | 0.0000 | 6,212.0200 | 6,212.0200 | 0.1916 | 0.0000 | 6,216.8091 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 343.0332 | 343.0332 | 0.0128 | 0.0000 | 343.3526 |
| Total | 0.1588 | 0.9346 | 2.1034 | 4.0400e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 343.0332 | 343.0332 | 0.0128 | 0.0000 | 343.3526 |

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3.5 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 | 0.2534 | 10.7558 | 2.3303 | 0.0350 | 0.9056 | 0.0105 | 0.9161 | 0.2617 | 0.0101 | 0.2717 | 0.0000 | 3,383.0399 | 3,383.0399 | 0.1606 | 0.0000 | 3,387.0540 |
| Worker | 0.9237 | 0.4545 | 6.6516 | 0.0312 | 4.9906 | 0.0168 | 5.0074 | 1.3273 | 0.0154 | 1.3428 | 0.0000 | 2,828.9802 | 2,828.9802 | 0.0310 | 0.0000 | 2,829.7552 |
| Total | 1.1770 | 11.2103 | 8.9819 | 0.0663 | 5.8962 | 0.0273 | 5.9235 | 1.5890 | 0.0255 | 1.6144 | 0.0000 | 6,212.0200 | 6,212.0200 | 0.1916 | 0.0000 | 6,216.8091 |

3.5 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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3.5 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 | 0.2534 | 10.7558 | 2.3303 | 0.0350 | 0.9056 | 0.0105 | 0.9161 | 0.2617 | 0.0101 | 0.2717 | 0.0000 | 3,383.0399 | 3,383.0399 | 0.1606 | 0.0000 | 3,387.0540 |
| Worker | 0.9237 | 0.4545 | 6.6516 | 0.0312 | 4.9906 | 0.0168 | 5.0074 | 1.3273 | 0.0154 | 1.3428 | 0.0000 | 2,828.9802 | 2,828.9802 | 0.0310 | 0.0000 | 2,829.7552 |
| Total | 1.1770 | 11.2103 | 8.9819 | 0.0663 | 5.8962 | 0.0273 | 5.9235 | 1.5890 | 0.0255 | 1.6144 | 0.0000 | 6,212.0200 | 6,212.0200 | 0.1916 | 0.0000 | 6,216.8091 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 343.0332 | 343.0332 | 0.0128 | 0.0000 | 343.3526 |
| Total | 0.1588 | 0.9346 | 2.1034 | 4.0400e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 343.0332 | 343.0332 | 0.0128 | 0.0000 | 343.3526 |

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3.5 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 | 0.2534 | 10.7558 | 2.3303 | 0.0350 | 0.9056 | 0.0105 | 0.9161 | 0.2617 | 0.0101 | 0.2717 | 0.0000 | 3,383.0399 | 3,383.0399 | 0.1606 | 0.0000 | 3,387.0540 |
| Worker | 0.9237 | 0.4545 | 6.6516 | 0.0312 | 4.9906 | 0.0168 | 5.0074 | 1.3273 | 0.0154 | 1.3428 | 0.0000 | 2,828.9802 | 2,828.9802 | 0.0310 | 0.0000 | 2,829.7552 |
| Total | 1.1770 | 11.2103 | 8.9819 | 0.0663 | 5.8962 | 0.0273 | 5.9235 | 1.5890 | 0.0255 | 1.6144 | 0.0000 | 6,212.0200 | 6,212.0200 | 0.1916 | 0.0000 | 6,216.8091 |

3.5 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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3.5 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 | 0.2524 | 10.7146 | 2.3213 | 0.0349 | 0.9021 | 0.0105 | 0.9126 | 0.2606 | 0.0100 | 0.2707 | 0.0000 | 3,370.0780 | 3,370.0780 | 0.1600 | 0.0000 | 3,374.0767 |
| Worker | 0.9202 | 0.4528 | 6.6261 | 0.0311 | 4.9715 | 0.0167 | 4.9882 | 1.3223 | 0.0154 | 1.3376 | 0.0000 | 2,818.1412 | 2,818.1412 | 0.0309 | 0.0000 | 2,818.9132 |
| Total | 1.1725 | 11.1674 | 8.9475 | 0.0660 | 5.8736 | 0.0272 | 5.9008 | 1.5829 | 0.0254 | 1.6083 | 0.0000 | 6,188.2192 | 6,188.2192 | 0.1908 | 0.0000 | 6,192.9899 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 341.7189 | 341.7189 | 0.0127 | 0.0000 | 342.0371 |
| Total | 0.1582 | 0.9310 | 2.0953 | 4.0200e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 341.7189 | 341.7189 | 0.0127 | 0.0000 | 342.0371 |

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3.5 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 | 0.2524 | 10.7146 | 2.3213 | 0.0349 | 0.9021 | 0.0105 | 0.9126 | 0.2606 | 0.0100 | 0.2707 | 0.0000 | 3,370.0780 | 3,370.0780 | 0.1600 | 0.0000 | 3,374.0767 |
| Worker | 0.9202 | 0.4528 | 6.6261 | 0.0311 | 4.9715 | 0.0167 | 4.9882 | 1.3223 | 0.0154 | 1.3376 | 0.0000 | 2,818.1412 | 2,818.1412 | 0.0309 | 0.0000 | 2,818.9132 |
| Total | 1.1725 | 11.1674 | 8.9475 | 0.0660 | 5.8736 | 0.0272 | 5.9008 | 1.5829 | 0.0254 | 1.6083 | 0.0000 | 6,188.2192 | 6,188.2192 | 0.1908 | 0.0000 | 6,192.9899 |

3.5 Building Construction - 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 | | | | | |
| 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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3.5 Building Construction - 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 | 0.2420 | 10.4433 | 2.2410 | 0.0349 | 0.9055 | 9.7000e-003 | 0.9152 | 0.2616 | 9.2800e-003 | 0.2709 | 0.0000 | 3,373.5155 | 3,373.5155 | 0.1561 | 0.0000 | 3,377.4173 |
| Worker | 0.7035 | 0.3710 | 5.5974 | 0.0299 | 4.9906 | 0.0128 | 5.0034 | 1.3273 | 0.0118 | 1.3392 | 0.0000 | 2,705.4018 | 2,705.4018 | 0.0238 | 0.0000 | 2,705.9963 |
| Total | 0.9456 | 10.8143 | 7.8384 | 0.0648 | 5.8961 | 0.0225 | 5.9187 | 1.5890 | 0.0211 | 1.6100 | 0.0000 | 6,078.9173 | 6,078.9173 | 0.1799 | 0.0000 | 6,083.4136 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 343.0333 | 343.0333 | 0.0123 | 0.0000 | 343.3415 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0333 | 343.0333 | 0.0123 | 0.0000 | 343.3415 |

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3.5 Building Construction - 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 | 0.2420 | 10.4433 | 2.2410 | 0.0349 | 0.9055 | 9.7000e-003 | 0.9152 | 0.2616 | 9.2800e-003 | 0.2709 | 0.0000 | 3,373.5155 | 3,373.5155 | 0.1561 | 0.0000 | 3,377.4173 |
| Worker | 0.7035 | 0.3710 | 5.5974 | 0.0299 | 4.9906 | 0.0128 | 5.0034 | 1.3273 | 0.0118 | 1.3392 | 0.0000 | 2,705.4018 | 2,705.4018 | 0.0238 | 0.0000 | 2,705.9963 |
| Total | 0.9456 | 10.8143 | 7.8384 | 0.0648 | 5.8961 | 0.0225 | 5.9187 | 1.5890 | 0.0211 | 1.6100 | 0.0000 | 6,078.9173 | 6,078.9173 | 0.1799 | 0.0000 | 6,083.4136 |

3.5 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 | 0.0694 | 0.3996 | 0.9349 | 1.8000e-003 | | 4.2800e-003 | 4.2800e-003 | | 4.2800e-003 | 4.2800e-003 | 0.0000 | 152.4594 | 152.4594 | 5.4800e-003 | 0.0000 | 152.5964 |
| Total | 0.0694 | 0.3996 | 0.9349 | 1.8000e-003 | | 4.2800e-003 | 4.2800e-003 | | 4.2800e-003 | 4.2800e-003 | 0.0000 | 152.4594 | 152.4594 | 5.4800e-003 | 0.0000 | 152.5964 |

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3.5 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 | 0.1076 | 4.6415 | 0.9960 | 0.0155 | 0.4025 | 4.3100e-003 | 0.4068 | 0.1163 | 4.1200e-003 | 0.1204 | 0.0000 | 1,499.3402 | 1,499.3402 | 0.0694 | 0.0000 | 1,501.0744 |
| Worker | 0.3127 | 0.1649 | 2.4877 | 0.0133 | 2.2181 | 5.7100e-003 | 2.2238 | 0.5899 | 5.2500e-003 | 0.5952 | 0.0000 | 1,202.4008 | 1,202.4008 | 0.0106 | 0.0000 | 1,202.6650 |
| Total | 0.4203 | 4.8063 | 3.4837 | 0.0288 | 2.6205 | 0.0100 | 2.6305 | 0.7062 | 9.3700e-003 | 0.7156 | 0.0000 | 2,701.7410 | 2,701.7410 | 0.0799 | 0.0000 | 2,703.7394 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0694 | 0.3996 | 0.9349 | 1.8000e-003 | | 4.2800e-003 | 4.2800e-003 | | 4.2800e-003 | 4.2800e-003 | 0.0000 | 152.4592 | 152.4592 | 5.4800e-003 | 0.0000 | 152.5962 |
| Total | 0.0694 | 0.3996 | 0.9349 | 1.8000e-003 | | 4.2800e-003 | 4.2800e-003 | | 4.2800e-003 | 4.2800e-003 | 0.0000 | 152.4592 | 152.4592 | 5.4800e-003 | 0.0000 | 152.5962 |

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3.5 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 | 0.1076 | 4.6415 | 0.9960 | 0.0155 | 0.4025 | 4.3100e-003 | 0.4068 | 0.1163 | 4.1200e-003 | 0.1204 | 0.0000 | 1,499.3402 | 1,499.3402 | 0.0694 | 0.0000 | 1,501.0744 |
| Worker | 0.3127 | 0.1649 | 2.4877 | 0.0133 | 2.2181 | 5.7100e-003 | 2.2238 | 0.5899 | 5.2500e-003 | 0.5952 | 0.0000 | 1,202.4008 | 1,202.4008 | 0.0106 | 0.0000 | 1,202.6650 |
| Total | 0.4203 | 4.8063 | 3.4837 | 0.0288 | 2.6205 | 0.0100 | 2.6305 | 0.7062 | 9.3700e-003 | 0.7156 | 0.0000 | 2,701.7410 | 2,701.7410 | 0.0799 | 0.0000 | 2,703.7394 |

3.6 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 | 0.0733 | 0.2651 | 1.1468 | 2.0300e-003 | | 8.4400e-003 | 8.4400e-003 | | 8.4400e-003 | 8.4400e-003 | 0.0000 | 174.7215 | 174.7215 | 5.8700e-003 | 0.0000 | 174.8683 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0733 | 0.2651 | 1.1468 | 2.0300e-003 | | 8.4400e-003 | 8.4400e-003 | | 8.4400e-003 | 8.4400e-003 | 0.0000 | 174.7215 | 174.7215 | 5.8700e-003 | 0.0000 | 174.8683 |

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3.6 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 | 1.1300e-003 | 5.9000e-004 | 8.9600e-003 | 5.0000e-005 | 7.9900e-003 | 2.0000e-005 | 8.0100e-003 | 2.1200e-003 | 2.0000e-005 | 2.1400e-003 | 0.0000 | 4.3298 | 4.3298 | 4.0000e-005 | 0.0000 | 4.3307 |
| Total | 1.1300e-003 | 5.9000e-004 | 8.9600e-003 | 5.0000e-005 | 7.9900e-003 | 2.0000e-005 | 8.0100e-003 | 2.1200e-003 | 2.0000e-005 | 2.1400e-003 | 0.0000 | 4.3298 | 4.3298 | 4.0000e-005 | 0.0000 | 4.3307 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0733 | 0.2651 | 1.1468 | 2.0300e-003 | | 8.4400e-003 | 8.4400e-003 | | 8.4400e-003 | 8.4400e-003 | 0.0000 | 174.7213 | 174.7213 | 5.8700e-003 | 0.0000 | 174.8681 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0733 | 0.2651 | 1.1468 | 2.0300e-003 | | 8.4400e-003 | 8.4400e-003 | | 8.4400e-003 | 8.4400e-003 | 0.0000 | 174.7213 | 174.7213 | 5.8700e-003 | 0.0000 | 174.8681 |

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3.6 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 | 1.1300e-003 | 5.9000e-004 | 8.9600e-003 | 5.0000e-005 | 7.9900e-003 | 2.0000e-005 | 8.0100e-003 | 2.1200e-003 | 2.0000e-005 | 2.1400e-003 | 0.0000 | 4.3298 | 4.3298 | 4.0000e-005 | 0.0000 | 4.3307 |
| Total | 1.1300e-003 | 5.9000e-004 | 8.9600e-003 | 5.0000e-005 | 7.9900e-003 | 2.0000e-005 | 8.0100e-003 | 2.1200e-003 | 2.0000e-005 | 2.1400e-003 | 0.0000 | 4.3298 | 4.3298 | 4.0000e-005 | 0.0000 | 4.3307 |

3.6 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 | 0.0935 | 0.3382 | 1.4631 | 2.5900e-003 | | 0.0108 | 0.0108 | | 0.0108 | 0.0108 | 0.0000 | 222.9205 | 222.9205 | 7.4900e-003 | 0.0000 | 223.1078 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0935 | 0.3382 | 1.4631 | 2.5900e-003 | | 0.0108 | 0.0108 | | 0.0108 | 0.0108 | 0.0000 | 222.9205 | 222.9205 | 7.4900e-003 | 0.0000 | 223.1078 |

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3.6 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 | 1.4400e-003 | 7.6000e-004 | 0.0114 | 6.0000e-005 | 0.0102 | 3.0000e-005 | 0.0102 | 2.7100e-003 | 2.0000e-005 | 2.7300e-003 | 0.0000 | 5.5242 | 5.5242 | 5.0000e-005 | 0.0000 | 5.5254 |
| Total | 1.4400e-003 | 7.6000e-004 | 0.0114 | 6.0000e-005 | 0.0102 | 3.0000e-005 | 0.0102 | 2.7100e-003 | 2.0000e-005 | 2.7300e-003 | 0.0000 | 5.5242 | 5.5242 | 5.0000e-005 | 0.0000 | 5.5254 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0935 | 0.3382 | 1.4631 | 2.5900e-003 | | 0.0108 | 0.0108 | | 0.0108 | 0.0108 | 0.0000 | 222.9203 | 222.9203 | 7.4900e-003 | 0.0000 | 223.1076 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0935 | 0.3382 | 1.4631 | 2.5900e-003 | | 0.0108 | 0.0108 | | 0.0108 | 0.0108 | 0.0000 | 222.9203 | 222.9203 | 7.4900e-003 | 0.0000 | 223.1076 |

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3.6 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 | 1.4400e-003 | 7.6000e-004 | 0.0114 | 6.0000e-005 | 0.0102 | 3.0000e-005 | 0.0102 | 2.7100e-003 | 2.0000e-005 | 2.7300e-003 | 0.0000 | 5.5242 | 5.5242 | 5.0000e-005 | 0.0000 | 5.5254 |
| Total | 1.4400e-003 | 7.6000e-004 | 0.0114 | 6.0000e-005 | 0.0102 | 3.0000e-005 | 0.0102 | 2.7100e-003 | 2.0000e-005 | 2.7300e-003 | 0.0000 | 5.5242 | 5.5242 | 5.0000e-005 | 0.0000 | 5.5254 |

3.7 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 | 7.6929 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 4.3700e-003 | 0.0276 | 0.0681 | 1.1000e-004 | | 2.8000e-004 | 2.8000e-004 | | 2.8000e-004 | 2.8000e-004 | 0.0000 | 9.7024 | 9.7024 | 3.4000e-004 | 0.0000 | 9.7109 |
| Total | 7.6972 | 0.0276 | 0.0681 | 1.1000e-004 | | 2.8000e-004 | 2.8000e-004 | | 2.8000e-004 | 2.8000e-004 | 0.0000 | 9.7024 | 9.7024 | 3.4000e-004 | 0.0000 | 9.7109 |

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3.7 Architectural Coating - 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 | 0.0410 | 0.0216 | 0.3259 | 1.7400e-003 | 0.2905 | 7.5000e-004 | 0.2913 | 0.0773 | 6.9000e-004 | 0.0780 | 0.0000 | 157.4955 | 157.4955 | 1.3800e-003 | 0.0000 | 157.5301 |
| Total | 0.0410 | 0.0216 | 0.3259 | 1.7400e-003 | 0.2905 | 7.5000e-004 | 0.2913 | 0.0773 | 6.9000e-004 | 0.0780 | 0.0000 | 157.4955 | 157.4955 | 1.3800e-003 | 0.0000 | 157.5301 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 7.6929 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 4.3700e-003 | 0.0276 | 0.0681 | 1.1000e-004 | | 2.8000e-004 | 2.8000e-004 | | 2.8000e-004 | 2.8000e-004 | 0.0000 | 9.7024 | 9.7024 | 3.4000e-004 | 0.0000 | 9.7109 |
| Total | 7.6972 | 0.0276 | 0.0681 | 1.1000e-004 | | 2.8000e-004 | 2.8000e-004 | | 2.8000e-004 | 2.8000e-004 | 0.0000 | 9.7024 | 9.7024 | 3.4000e-004 | 0.0000 | 9.7109 |

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3.7 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 | 0.0410 | 0.0216 | 0.3259 | 1.7400e-003 | 0.2905 | 7.5000e-004 | 0.2913 | 0.0773 | 6.9000e-004 | 0.0780 | 0.0000 | 157.4955 | 157.4955 | 1.3800e-003 | 0.0000 | 157.5301 |
| Total | 0.0410 | 0.0216 | 0.3259 | 1.7400e-003 | 0.2905 | 7.5000e-004 | 0.2913 | 0.0773 | 6.9000e-004 | 0.0780 | 0.0000 | 157.4955 | 157.4955 | 1.3800e-003 | 0.0000 | 157.5301 |

3.7 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 | 25.7103 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0146 | 0.0923 | 0.2276 | 3.8000e-004 | | 9.4000e-004 | 9.4000e-004 | | 9.4000e-004 | 9.4000e-004 | 0.0000 | 32.4263 | 32.4263 | 1.1400e-003 | 0.0000 | 32.4549 |
| Total | 25.7249 | 0.0923 | 0.2276 | 3.8000e-004 | | 9.4000e-004 | 9.4000e-004 | | 9.4000e-004 | 9.4000e-004 | 0.0000 | 32.4263 | 32.4263 | 1.1400e-003 | 0.0000 | 32.4549 |

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3.7 Architectural Coating - 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 | 0.1369 | 0.0722 | 1.0890 | 5.8100e-003 | 0.9710 | 2.5000e-003 | 0.9735 | 0.2583 | 2.3000e-003 | 0.2606 | 0.0000 | 526.3664 | 526.3664 | 4.6300e-003 | 0.0000 | 526.4820 |
| Total | 0.1369 | 0.0722 | 1.0890 | 5.8100e-003 | 0.9710 | 2.5000e-003 | 0.9735 | 0.2583 | 2.3000e-003 | 0.2606 | 0.0000 | 526.3664 | 526.3664 | 4.6300e-003 | 0.0000 | 526.4820 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 25.7103 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0146 | 0.0923 | 0.2276 | 3.8000e-004 | | 9.4000e-004 | 9.4000e-004 | | 9.4000e-004 | 9.4000e-004 | 0.0000 | 32.4263 | 32.4263 | 1.1400e-003 | 0.0000 | 32.4548 |
| Total | 25.7249 | 0.0923 | 0.2276 | 3.8000e-004 | | 9.4000e-004 | 9.4000e-004 | | 9.4000e-004 | 9.4000e-004 | 0.0000 | 32.4263 | 32.4263 | 1.1400e-003 | 0.0000 | 32.4548 |

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3.7 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 | 0.1369 | 0.0722 | 1.0890 | 5.8100e-003 | 0.9710 | 2.5000e-003 | 0.9735 | 0.2583 | 2.3000e-003 | 0.2606 | 0.0000 | 526.3664 | 526.3664 | 4.6300e-003 | 0.0000 | 526.4820 |
| Total | 0.1369 | 0.0722 | 1.0890 | 5.8100e-003 | 0.9710 | 2.5000e-003 | 0.9735 | 0.2583 | 2.3000e-003 | 0.2606 | 0.0000 | 526.3664 | 526.3664 | 4.6300e-003 | 0.0000 | 526.4820 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

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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 | 6.3730 | 33.1809 | 70.4754 | 0.3264 | 37.9476 | 0.1686 | 38.1162 | 10.1602 | 0.1567 | 10.3169 | 0.0000 | 30,218.93 21 | 30,218.93 21 | 1.1290 | 0.0000 | 30,247.15 60 |
| Unmitigated | 6.4019 | 33.3224 | 71.1452 | 0.3300 | 38.4085 | 0.1703 | 38.5788 | 10.2837 | 0.1583 | 10.4419 | 0.0000 | 30,556.27 81 | 30,556.27 81 | 1.1389 | 0.0000 | 30,584.75 16 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|--------------------------|-------------------------|------------------|------------------|--------------------|--------------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Apartments Low Rise | 10,972.35 | 11,921.40 | 10106.55 | 28,186,764 | 27,848,523 |
| Apartments Mid Rise | 20,515.25 | 19,713.15 | 18078.10 | 51,456,901 | 50,839,418 |
| City Park | 150.26 | 1,808.63 | 1330.83 | 1,025,459 | 1,013,153 |
| Condo/Townhouse | 871.50 | 850.50 | 726.00 | 2,175,327 | 2,149,223 |
| Elementary School | 1,535.29 | 0.00 | 0.00 | 2,306,054 | 2,278,381 |
| General Light Industry | 1,290.84 | 244.46 | 125.94 | 2,696,455 | 2,664,098 |
| Racquet Club | 883.89 | 1,345.05 | 1096.20 | 1,294,152 | 1,278,622 |
| Regional Shopping Center | 10,419.65 | 12,193.68 | 6159.06 | 14,063,079 | 13,894,322 |
| Total | 46,639.03 | 48,076.87 | 37,622.68 | 103,204,191 | 101,965,741 |

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 |
| Apartments Low Rise | 10.00 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| Apartments Mid Rise | 10.00 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| City Park | 10.00 | 5.00 | 6.50 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |
| Condo/Townhouse | 10.00 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| Elementary School | 10.00 | 5.00 | 6.50 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| General Light Industry | 10.00 | 5.00 | 6.50 | 59.00 | 28.00 | 13.00 | 92 | 5 | 3 |
| Racquet Club | 10.00 | 5.00 | 6.50 | 11.50 | 69.50 | 19.00 | 52 | 39 | 9 |
| Regional Shopping Center | 10.00 | 5.00 | 6.50 | 16.30 | 64.70 | 19.00 | 54 | 35 | 11 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments Low Rise | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Apartments Mid Rise | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| City Park | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Condo/Townhouse | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Elementary School | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| General Light Industry | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Racquet Club | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Regional Shopping Center | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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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 | 1,817.688 2 | 1,817.688 2 | 0.3664 | 0.0758 | 1,849.442 4 | |
| Electricity Unmitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 1,817.688 2 | 1,817.688 2 | 0.3664 | 0.0758 | 1,849.442 4 | |
| NaturalGas Mitigated | 0.3447 | 2.9804 | 1.5066 | 0.0188 | | | 0.2382 | 0.2382 | | 0.2382 | 0.2382 | 0.0000 | 3,411.6555 | 3,411.6555 | 0.0654 | 0.0626 | 3,431.929 3 |
| NaturalGas Unmitigated | 0.3447 | 2.9804 | 1.5066 | 0.0188 | | | 0.2382 | 0.2382 | | 0.2382 | 0.2382 | 0.0000 | 3,411.6555 | 3,411.6555 | 0.0654 | 0.0626 | 3,431.929 3 |

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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 | | | | | |
| Apartments Low Rise | 1.90474e+007 | 0.1027 | 0.8777 | 0.3735 | 5.6000e-003 | | 0.0710 | 0.0710 | | 0.0710 | 0.0710 | 0.0000 | 1,016.4436 | 1,016.4436 | 0.0195 | 0.0186 | 1,022.4838 |
| Apartments Mid Rise | 3.00729e+007 | 0.1622 | 1.3857 | 0.5897 | 8.8400e-003 | | 0.1120 | 0.1120 | | 0.1120 | 0.1120 | 0.0000 | 1,604.8039 | 1,604.8039 | 0.0308 | 0.0294 | 1,614.3404 |
| 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 | 3.08269e+006 | 0.0166 | 0.1421 | 0.0604 | 9.1000e-004 | | 0.0115 | 0.0115 | | 0.0115 | 0.0115 | 0.0000 | 164.5039 | 164.5039 | 3.1500e-003 | 3.0200e-003 | 165.4815 |
| Elementary School | 1.51837e+006 | 8.1900e-003 | 0.0744 | 0.0625 | 4.5000e-004 | | 5.6600e-003 | 5.6600e-003 | | 5.6600e-003 | 5.6600e-003 | 0.0000 | 81.0260 | 81.0260 | 1.5500e-003 | 1.4900e-003 | 81.5075 |
| General Light Industry | 6.63201e+006 | 0.0358 | 0.3251 | 0.2731 | 1.9500e-003 | | 0.0247 | 0.0247 | | 0.0247 | 0.0247 | 0.0000 | 353.9094 | 353.9094 | 6.7800e-003 | 6.4900e-003 | 356.0125 |
| Racquet Club | 2.25603e+006 | 0.0122 | 0.1106 | 0.0929 | 6.6000e-004 | | 8.4000e-003 | 8.4000e-003 | | 8.4000e-003 | 8.4000e-003 | 0.0000 | 120.3904 | 120.3904 | 2.3100e-003 | 2.2100e-003 | 121.1058 |
| Regional Shopping Center | 1.32259e+006 | 7.1300e-003 | 0.0648 | 0.0545 | 3.9000e-004 | | 4.9300e-003 | 4.9300e-003 | | 4.9300e-003 | 4.9300e-003 | 0.0000 | 70.5784 | 70.5784 | 1.3500e-003 | 1.2900e-003 | 70.9978 |
| Total | | 0.3447 | 2.9804 | 1.5065 | 0.0188 | | 0.2382 | 0.2382 | | 0.2382 | 0.2382 | 0.0000 | 3,411.6555 | 3,411.6555 | 0.0654 | 0.0626 | 3,431.9293 |

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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 | | | | | |
| Apartments Low Rise | 1.90474e+007 | 0.1027 | 0.8777 | 0.3735 | 5.6000e-003 | | 0.0710 | 0.0710 | | 0.0710 | 0.0710 | 0.0000 | 1,016.4436 | 1,016.4436 | 0.0195 | 0.0186 | 1,022.4838 |
| Apartments Mid Rise | 3.00729e+007 | 0.1622 | 1.3857 | 0.5897 | 8.8400e-003 | | 0.1120 | 0.1120 | | 0.1120 | 0.1120 | 0.0000 | 1,604.8039 | 1,604.8039 | 0.0308 | 0.0294 | 1,614.3404 |
| 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 | 3.08269e+006 | 0.0166 | 0.1421 | 0.0604 | 9.1000e-004 | | 0.0115 | 0.0115 | | 0.0115 | 0.0115 | 0.0000 | 164.5039 | 164.5039 | 3.1500e-003 | 3.0200e-003 | 165.4815 |
| Elementary School | 1.51837e+006 | 8.1900e-003 | 0.0744 | 0.0625 | 4.5000e-004 | | 5.6600e-003 | 5.6600e-003 | | 5.6600e-003 | 5.6600e-003 | 0.0000 | 81.0260 | 81.0260 | 1.5500e-003 | 1.4900e-003 | 81.5075 |
| General Light Industry | 6.63201e+006 | 0.0358 | 0.3251 | 0.2731 | 1.9500e-003 | | 0.0247 | 0.0247 | | 0.0247 | 0.0247 | 0.0000 | 353.9094 | 353.9094 | 6.7800e-003 | 6.4900e-003 | 356.0125 |
| Racquet Club | 2.25603e+006 | 0.0122 | 0.1106 | 0.0929 | 6.6000e-004 | | 8.4000e-003 | 8.4000e-003 | | 8.4000e-003 | 8.4000e-003 | 0.0000 | 120.3904 | 120.3904 | 2.3100e-003 | 2.2100e-003 | 121.1058 |
| Regional Shopping Center | 1.32259e+006 | 7.1300e-003 | 0.0648 | 0.0545 | 3.9000e-004 | | 4.9300e-003 | 4.9300e-003 | | 4.9300e-003 | 4.9300e-003 | 0.0000 | 70.5784 | 70.5784 | 1.3500e-003 | 1.2900e-003 | 70.9978 |
| Total | | 0.3447 | 2.9804 | 1.5065 | 0.0188 | | 0.2382 | 0.2382 | | 0.2382 | 0.2382 | 0.0000 | 3,411.6555 | 3,411.6555 | 0.0654 | 0.0626 | 3,431.9293 |

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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 | | | |
| Apartments Low Rise | 7.03187e+006 | 458.8245 | 0.0925 | 0.0191 | 466.8399 |
| Apartments Mid Rise | 1.30316e+007 | 850.3051 | 0.1714 | 0.0355 | 865.1596 |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 772651 | 50.4149 | 0.0102 | 2.1000e-003 | 51.2956 |
| Elementary School | 728340 | 47.5237 | 9.5800e-003 | 1.9800e-003 | 48.3539 |
| General Light Industry | 2.81134e+006 | 183.4376 | 0.0370 | 7.6500e-003 | 186.6422 |
| Racquet Club | 892710 | 58.2487 | 0.0117 | 2.4300e-003 | 59.2663 |
| Regional Shopping Center | 2.58905e+006 | 168.9338 | 0.0341 | 7.0500e-003 | 171.8850 |
| Total | | 1,817.6882 | 0.3664 | 0.0758 | 1,849.4424 |

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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 | | | |
| Apartments Low Rise | 7.03187e+006 | 458.8245 | 0.0925 | 0.0191 | 466.8399 |
| Apartments Mid Rise | 1.30316e+007 | 850.3051 | 0.1714 | 0.0355 | 865.1596 |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 772651 | 50.4149 | 0.0102 | 2.1000e-003 | 51.2956 |
| Elementary School | 728340 | 47.5237 | 9.5800e-003 | 1.9800e-003 | 48.3539 |
| General Light Industry | 2.81134e+006 | 183.4376 | 0.0370 | 7.6500e-003 | 186.6422 |
| Racquet Club | 892710 | 58.2487 | 0.0117 | 2.4300e-003 | 59.2663 |
| Regional Shopping Center | 2.58905e+006 | 168.9338 | 0.0341 | 7.0500e-003 | 171.8850 |
| Total | | 1,817.688 2 | 0.3664 | 0.0758 | 1,849.442 4 |

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 | 26.3271 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |
| Unmitigated | 26.3271 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |

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 | 3.3403 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 21.4805 | | | | | 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 | 1.5064 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |
| Total | 26.3271 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |

West Broadway Future_Default - Sacramento 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 | 3.3403 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 21.4805 | | | | | 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 | 1.5064 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |
| Total | 26.3271 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |

7.0 Water Detail

7.1 Mitigation Measures Water

West Broadway Future_Default - Sacramento County, Annual

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|--------|--------|----------|
| Category | MT/yr | | | |
| Mitigated | 334.9243 | 0.5109 | 0.3058 | 438.8385 |
| Unmitigated | 334.9243 | 0.5109 | 0.3058 | 438.8385 |

West Broadway Future_Default - Sacramento County, Annual

7.2 Water by Land Use

Unmitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| Apartments Low Rise | 108.481 / 68.3905 | 89.2679 | 0.1424 | 0.0856 | 118.3323 |
| Apartments Mid Rise | 201 / 126.717 | 165.4003 | 0.2638 | 0.1586 | 219.2524 |
| City Park | 0 / 94.7228 | 21.6321 | 4.3600e-003 | 9.0000e-004 | 22.0100 |
| Condo/Townhouse | 9.7731 / 6.1613 | 8.0422 | 0.0128 | 7.7100e-003 | 10.6606 |
| Elementary School | 2.88519 / 7.41907 | 3.6531 | 4.0400e-003 | 2.3300e-003 | 4.4485 |
| General Light Industry | 42.8275 / 0 | 29.0761 | 0.0550 | 0.0335 | 40.4428 |
| Racquet Club | 3.72602 / 2.28369 | 3.0512 | 4.8900e-003 | 2.9400e-003 | 4.0492 |
| Regional Shopping Center | 18.0752 / 11.0783 | 14.8015 | 0.0237 | 0.0143 | 19.6429 |
| Total | | 334.9243 | 0.5109 | 0.3058 | 438.8385 |

West Broadway Future_Default - Sacramento County, Annual

7.2 Water by Land Use

Mitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| Apartments Low Rise | 108.481 / 68.3905 | 89.2679 | 0.1424 | 0.0856 | 118.3323 |
| Apartments Mid Rise | 201 / 126.717 | 165.4003 | 0.2638 | 0.1586 | 219.2524 |
| City Park | 0 / 94.7228 | 21.6321 | 4.3600e-003 | 9.0000e-004 | 22.0100 |
| Condo/Townhouse | 9.7731 / 6.1613 | 8.0422 | 0.0128 | 7.7100e-003 | 10.6606 |
| Elementary School | 2.88519 / 7.41907 | 3.6531 | 4.0400e-003 | 2.3300e-003 | 4.4485 |
| General Light Industry | 42.8275 / 0 | 29.0761 | 0.0550 | 0.0335 | 40.4428 |
| Racquet Club | 3.72602 / 2.28369 | 3.0512 | 4.8900e-003 | 2.9400e-003 | 4.0492 |
| Regional Shopping Center | 18.0752 / 11.0783 | 14.8015 | 0.0237 | 0.0143 | 19.6429 |
| Total | | 334.9243 | 0.5109 | 0.3058 | 438.8385 |

8.0 Waste Detail

8.1 Mitigation Measures Waste

West Broadway Future_Default - Sacramento County, Annual

Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|---------|--------|------------|
| | MT/yr | | | |
| Mitigated | 656.7082 | 38.8104 | 0.0000 | 1,626.9669 |
| Unmitigated | 656.7082 | 38.8104 | 0.0000 | 1,626.9669 |

West Broadway Future_Default - Sacramento County, Annual

8.2 Waste by Land Use**Unmitigated**

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|----------------|-----------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| Apartments Low Rise | 765.9 | 155.4708 | 9.1881 | 0.0000 | 385.1723 |
| Apartments Mid Rise | 1419.1 | 288.0645 | 17.0241 | 0.0000 | 713.6675 |
| City Park | 6.84 | 1.3885 | 0.0821 | 0.0000 | 3.4399 |
| Condo/Townhouse | 69 | 14.0064 | 0.8278 | 0.0000 | 34.7002 |
| Elementary School | 129.35 | 26.2569 | 1.5517 | 0.0000 | 65.0503 |
| General Light Industry | 229.65 | 46.6169 | 2.7550 | 0.0000 | 115.4913 |
| Racquet Club | 359.1 | 72.8941 | 4.3079 | 0.0000 | 180.5919 |
| Regional Shopping Center | 256.22 | 52.0103 | 3.0737 | 0.0000 | 128.8534 |
| Total | | 656.7082 | 38.8104 | 0.0000 | 1,626.9669 |

West Broadway Future_Default - Sacramento County, Annual

8.2 Waste by Land Use

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|----------------|-----------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| Apartments Low Rise | 765.9 | 155.4708 | 9.1881 | 0.0000 | 385.1723 |
| Apartments Mid Rise | 1419.1 | 288.0645 | 17.0241 | 0.0000 | 713.6675 |
| City Park | 6.84 | 1.3885 | 0.0821 | 0.0000 | 3.4399 |
| Condo/Townhouse | 69 | 14.0064 | 0.8278 | 0.0000 | 34.7002 |
| Elementary School | 129.35 | 26.2569 | 1.5517 | 0.0000 | 65.0503 |
| General Light Industry | 229.65 | 46.6169 | 2.7550 | 0.0000 | 115.4913 |
| Racquet Club | 359.1 | 72.8941 | 4.3079 | 0.0000 | 180.5919 |
| Regional Shopping Center | 256.22 | 52.0103 | 3.0737 | 0.0000 | 128.8534 |
| Total | | 656.7082 | 38.8104 | 0.0000 | 1,626.9669 |

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

West Broadway Future_Default - Sacramento County, Annual

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

User Defined Equipment

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

11.0 Vegetation

West Broadway Future_Default - Sacramento County, Summer

West Broadway Future_Default
Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|--------------------------|----------|---------------|-------------|--------------------|------------|
| Elementary School | 99.50 | 1000sqft | 2.28 | 99,500.00 | 0 |
| General Light Industry | 185.20 | 1000sqft | 4.25 | 185,200.00 | 0 |
| City Park | 79.50 | Acre | 79.50 | 3,463,020.00 | 0 |
| Racquet Club | 63.00 | 1000sqft | 1.45 | 63,000.00 | 0 |
| Apartments Low Rise | 1,665.00 | Dwelling Unit | 104.06 | 1,665,000.00 | 4446 |
| Apartments Mid Rise | 3,085.00 | Dwelling Unit | 81.18 | 3,085,000.00 | 8237 |
| Condo/Townhouse | 150.00 | Dwelling Unit | 9.38 | 150,000.00 | 401 |
| Regional Shopping Center | 244.02 | 1000sqft | 5.60 | 244,020.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|---------------------------------|---------------------------------------|---------------------------------|-------|----------------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.5 | Precipitation Freq (Days) | 58 |
| Climate Zone | 6 | | | Operational Year | 2035 |
| Utility Company | Sacramento Municipal Utility District | | | | |
| CO2 Intensity (lb/MW hr) | 143.85 | CH4 Intensity (lb/MW hr) | 0.029 | N2O Intensity (lb/MW hr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

West Broadway Future_Default - Sacramento County, Summer

Vehicle Trips -

Project Characteristics -

Mobile Land Use Mitigation -

| Table Name | Column Name | Default Value | New Value |
|---------------------------|--------------------|---------------|-----------|
| tblEnergyUse | T24E | 511.12 | 240.23 |
| tblEnergyUse | T24E | 460.92 | 428.66 |
| tblEnergyUse | T24E | 381.61 | 354.90 |
| tblEnergyUse | T24E | 3.41 | 2.40 |
| tblEnergyUse | T24E | 3.26 | 2.30 |
| tblEnergyUse | T24NG | 9,411.72 | 8,752.90 |
| tblProjectCharacteristics | CO2IntensityFactor | 590.31 | 143.85 |

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| 2020 | 3.4031 | 34.1972 | 22.4625 | 0.0428 | 0.9636 | 1.6630 | 2.6266 | 0.1669 | 1.5460 | 1.7128 | 0.0000 | 4,161.0109 | 4,161.0109 | 1.0780 | 0.0000 | 4,187.9619 |
| 2021 | 4.2713 | 46.4409 | 31.4768 | 0.0636 | 18.2032 | 2.0454 | 20.2486 | 9.9670 | 1.8818 | 11.8488 | 0.0000 | 6,160.3393 | 6,160.3393 | 1.9469 | 0.0000 | 6,209.0112 |
| 2022 | 3.6996 | 38.8804 | 29.5925 | 0.0636 | 8.8255 | 1.6359 | 10.4614 | 3.6369 | 1.5050 | 5.1419 | 0.0000 | 6,159.2088 | 6,159.2088 | 1.9479 | 0.0000 | 6,207.9058 |
| 2023 | 22.4719 | 119.2605 | 173.1881 | 0.6835 | 46.7565 | 1.4255 | 47.8455 | 12.5632 | 1.3114 | 13.5850 | 0.0000 | 69,810.4029 | 69,810.4029 | 2.9444 | 0.0000 | 69,884.0130 |

West Broadway Future_Default - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| 2024 | 21.1338 | 115.6870 | 161.9332 | 0.6672 | 46.7558 | 0.9904 | 47.7462 | 12.5630 | 0.9287 | 13.4917 | 0.0000 | 68,192.73 27 | 68,192.73 27 | 2.8390 | 0.0000 | 68,263.70 70 |
| 2025 | 19.9569 | 112.2740 | 151.7380 | 0.6511 | 46.7551 | 0.8936 | 47.6488 | 12.5628 | 0.8376 | 13.4004 | 0.0000 | 66,595.65 57 | 66,595.65 57 | 2.7463 | 0.0000 | 66,664.31 25 |
| 2026 | 19.0027 | 110.0231 | 143.0229 | 0.6366 | 46.7546 | 0.8801 | 47.6347 | 12.5625 | 0.8249 | 13.3875 | 0.0000 | 65,163.09 79 | 65,163.09 79 | 2.6682 | 0.0000 | 65,229.80 32 |
| 2027 | 18.0807 | 107.9678 | 135.1941 | 0.6236 | 46.7541 | 0.8631 | 47.6171 | 12.5624 | 0.8090 | 13.3713 | 0.0000 | 63,874.92 07 | 63,874.92 07 | 2.5966 | 0.0000 | 63,939.83 67 |
| 2028 | 17.1520 | 106.1917 | 128.3256 | 0.6121 | 46.7537 | 0.8433 | 47.5969 | 12.5622 | 0.7906 | 13.3528 | 0.0000 | 62,737.23 79 | 62,737.23 79 | 2.5328 | 0.0000 | 62,800.55 71 |
| 2029 | 16.1568 | 104.5102 | 121.8388 | 0.6020 | 46.7533 | 0.8240 | 47.5773 | 12.5621 | 0.7727 | 13.3347 | 0.0000 | 61,726.94 21 | 61,726.94 21 | 2.4713 | 0.0000 | 61,788.72 42 |
| 2030 | 15.1379 | 98.4166 | 116.1306 | 0.5970 | 46.7529 | 0.4263 | 47.1793 | 12.5619 | 0.4075 | 12.9695 | 0.0000 | 61,177.47 63 | 61,177.47 63 | 1.9297 | 0.0000 | 61,225.71 77 |
| 2031 | 14.1377 | 96.9869 | 110.7029 | 0.5891 | 46.7527 | 0.4092 | 47.1619 | 12.5618 | 0.3916 | 12.9535 | 0.0000 | 60,399.97 36 | 60,399.97 36 | 1.8776 | 0.0000 | 60,446.91 29 |
| 2032 | 13.2426 | 95.6826 | 105.9571 | 0.5824 | 46.7524 | 0.3939 | 47.1463 | 12.5617 | 0.3774 | 12.9391 | 0.0000 | 59,728.18 29 | 59,728.18 29 | 1.8321 | 0.0000 | 59,773.98 47 |
| 2033 | 12.5072 | 94.5469 | 101.9519 | 0.5765 | 46.7522 | 0.3803 | 47.1325 | 12.5617 | 0.3647 | 12.9264 | 0.0000 | 59,148.32 75 | 59,148.32 75 | 1.7936 | 0.0000 | 59,193.16 64 |
| 2034 | 11.8418 | 93.5149 | 98.1731 | 0.5715 | 46.7520 | 0.3674 | 47.1195 | 12.5616 | 0.3528 | 12.9144 | 0.0000 | 58,649.27 77 | 58,649.27 77 | 1.7576 | 0.0000 | 58,693.21 75 |
| 2035 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.36 85 | 58,226.36 85 | 1.7179 | 0.0000 | 58,269.31 64 |
| 2036 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.36 85 | 58,226.36 85 | 1.7179 | 0.0000 | 58,269.31 64 |
| 2037 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.36 85 | 58,226.36 85 | 1.7179 | 0.0000 | 58,269.31 64 |
| 2038 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.36 85 | 58,226.36 85 | 1.7179 | 0.0000 | 58,269.31 64 |
| 2039 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.36 85 | 58,226.36 85 | 1.7179 | 0.0000 | 58,269.31 64 |
| 2040 | 9.0426 | 88.6590 | 84.9205 | 0.5548 | 46.7513 | 0.2459 | 46.9972 | 12.5613 | 0.2347 | 12.7960 | 0.0000 | 56,996.96 60 | 56,996.96 60 | 1.6108 | 0.0000 | 57,037.23 47 |
| 2041 | 9.0426 | 88.6590 | 84.9205 | 0.5548 | 46.7513 | 0.2459 | 46.9972 | 12.5613 | 0.2347 | 12.7960 | 0.0000 | 56,996.96 60 | 56,996.96 60 | 1.6108 | 0.0000 | 57,037.23 47 |

West Broadway Future_Default - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| 2042 | 203.7631 | 3.6641 | 15.9692 | 0.0536 | 7.9189 | 0.1167 | 7.9460 | 2.1006 | 0.1167 | 2.1261 | 0.0000 | 5,339.707 2 | 5,339.707 2 | 0.0899 | 0.0000 | 5,341.107 0 |
| 2043 | 203.7631 | 1.2458 | 12.3048 | 0.0536 | 7.9189 | 0.0271 | 7.9460 | 2.1006 | 0.0255 | 2.1261 | 0.0000 | 5,339.707 2 | 5,339.707 2 | 0.0560 | 0.0000 | 5,341.107 0 |
| Maximum | 203.7631 | 119.2605 | 173.1881 | 0.6835 | 46.7565 | 2.0454 | 47.8455 | 12.5632 | 1.8818 | 13.5850 | 0.0000 | 69,810.40 29 | 69,810.40 29 | 2.9444 | 0.0000 | 69,884.01 30 |

2.1 Overall Construction (Maximum Daily Emission)

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| 2020 | 3.4031 | 34.1972 | 22.4625 | 0.0428 | 0.9636 | 1.6630 | 2.6266 | 0.1669 | 1.5460 | 1.7128 | 0.0000 | 4,161.010 9 | 4,161.010 9 | 1.0780 | 0.0000 | 4,187.961 9 |
| 2021 | 4.2713 | 46.4409 | 31.4768 | 0.0636 | 18.2032 | 2.0454 | 20.2486 | 9.9670 | 1.8818 | 11.8488 | 0.0000 | 6,160.339 2 | 6,160.339 2 | 1.9469 | 0.0000 | 6,209.0112 |
| 2022 | 3.6996 | 38.8804 | 29.5925 | 0.0636 | 8.8255 | 1.6359 | 10.4614 | 3.6369 | 1.5050 | 5.1419 | 0.0000 | 6,159.208 8 | 6,159.208 8 | 1.9479 | 0.0000 | 6,207.905 8 |
| 2023 | 22.4719 | 119.2605 | 173.1881 | 0.6835 | 46.7565 | 1.4255 | 47.8455 | 12.5632 | 1.3114 | 13.5850 | 0.0000 | 69,810.40 29 | 69,810.40 29 | 2.9444 | 0.0000 | 69,884.01 30 |
| 2024 | 21.1338 | 115.6870 | 161.9332 | 0.6672 | 46.7558 | 0.9904 | 47.7462 | 12.5630 | 0.9287 | 13.4917 | 0.0000 | 68,192.73 27 | 68,192.73 27 | 2.8390 | 0.0000 | 68,263.70 70 |
| 2025 | 19.9569 | 112.2740 | 151.7380 | 0.6511 | 46.7551 | 0.8936 | 47.6488 | 12.5628 | 0.8376 | 13.4004 | 0.0000 | 66,595.65 57 | 66,595.65 57 | 2.7463 | 0.0000 | 66,664.31 25 |
| 2026 | 19.0027 | 110.0231 | 143.0229 | 0.6366 | 46.7546 | 0.8801 | 47.6347 | 12.5625 | 0.8249 | 13.3875 | 0.0000 | 65,163.09 79 | 65,163.09 79 | 2.6682 | 0.0000 | 65,229.80 32 |
| 2027 | 18.0807 | 107.9678 | 135.1941 | 0.6236 | 46.7541 | 0.8631 | 47.6171 | 12.5624 | 0.8090 | 13.3713 | 0.0000 | 63,874.92 07 | 63,874.92 07 | 2.5966 | 0.0000 | 63,939.83 67 |
| 2028 | 17.1520 | 106.1917 | 128.3256 | 0.6121 | 46.7537 | 0.8433 | 47.5969 | 12.5622 | 0.7906 | 13.3528 | 0.0000 | 62,737.23 79 | 62,737.23 79 | 2.5328 | 0.0000 | 62,800.55 71 |

West Broadway Future_Default - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| 2029 | 16.1568 | 104.5102 | 121.8388 | 0.6020 | 46.7533 | 0.8240 | 47.5773 | 12.5621 | 0.7727 | 13.3347 | 0.0000 | 61,726.94 21 | 61,726.94 21 | 2.4713 | 0.0000 | 61,788.72 42 |
| 2030 | 15.1379 | 98.4166 | 116.1306 | 0.5970 | 46.7529 | 0.4263 | 47.1793 | 12.5619 | 0.4075 | 12.9695 | 0.0000 | 61,177.47 63 | 61,177.47 63 | 1.9297 | 0.0000 | 61,225.71 77 |
| 2031 | 14.1377 | 96.9869 | 110.7029 | 0.5891 | 46.7527 | 0.4092 | 47.1619 | 12.5618 | 0.3916 | 12.9535 | 0.0000 | 60,399.97 36 | 60,399.97 36 | 1.8776 | 0.0000 | 60,446.91 29 |
| 2032 | 13.2426 | 95.6826 | 105.9571 | 0.5824 | 46.7524 | 0.3939 | 47.1463 | 12.5617 | 0.3774 | 12.9391 | 0.0000 | 59,728.18 29 | 59,728.18 29 | 1.8321 | 0.0000 | 59,773.98 47 |
| 2033 | 12.5072 | 94.5469 | 101.9519 | 0.5765 | 46.7522 | 0.3803 | 47.1325 | 12.5617 | 0.3647 | 12.9264 | 0.0000 | 59,148.32 75 | 59,148.32 75 | 1.7936 | 0.0000 | 59,193.16 64 |
| 2034 | 11.8418 | 93.5149 | 98.1731 | 0.5715 | 46.7520 | 0.3674 | 47.1195 | 12.5616 | 0.3528 | 12.9144 | 0.0000 | 58,649.27 77 | 58,649.27 77 | 1.7576 | 0.0000 | 58,693.21 75 |
| 2035 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.36 85 | 58,226.36 85 | 1.7179 | 0.0000 | 58,269.31 64 |
| 2036 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.36 85 | 58,226.36 85 | 1.7179 | 0.0000 | 58,269.31 64 |
| 2037 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.36 85 | 58,226.36 85 | 1.7179 | 0.0000 | 58,269.31 64 |
| 2038 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.36 85 | 58,226.36 85 | 1.7179 | 0.0000 | 58,269.31 64 |
| 2039 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.36 85 | 58,226.36 85 | 1.7179 | 0.0000 | 58,269.31 64 |
| 2040 | 9.0426 | 88.6590 | 84.9205 | 0.5548 | 46.7513 | 0.2459 | 46.9972 | 12.5613 | 0.2347 | 12.7960 | 0.0000 | 56,996.96 60 | 56,996.96 60 | 1.6108 | 0.0000 | 57,037.23 47 |
| 2041 | 9.0426 | 88.6590 | 84.9205 | 0.5548 | 46.7513 | 0.2459 | 46.9972 | 12.5613 | 0.2347 | 12.7960 | 0.0000 | 56,996.96 60 | 56,996.96 60 | 1.6108 | 0.0000 | 57,037.23 47 |
| 2042 | 203.7631 | 3.6641 | 15.9692 | 0.0536 | 7.9189 | 0.1167 | 7.9460 | 2.1006 | 0.1167 | 2.1261 | 0.0000 | 5,339.707 2 | 5,339.707 2 | 0.0899 | 0.0000 | 5,341.107 0 |
| 2043 | 203.7631 | 1.2458 | 12.3048 | 0.0536 | 7.9189 | 0.0271 | 7.9460 | 2.1006 | 0.0255 | 2.1261 | 0.0000 | 5,339.707 2 | 5,339.707 2 | 0.0560 | 0.0000 | 5,341.107 0 |
| Maximum | 203.7631 | 119.2605 | 173.1881 | 0.6835 | 46.7565 | 2.0454 | 47.8455 | 12.5632 | 1.8818 | 13.5850 | 0.0000 | 69,810.40 29 | 69,810.40 29 | 2.9444 | 0.0000 | 69,884.01 30 |

West Broadway Future_Default - Sacramento County, Summer

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Area | 148.0552 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | 0.0000 | 728.0532 | 728.0532 | 0.6933 | 0.0000 | 745.3858 |
| Energy | 1.8889 | 16.3309 | 8.2551 | 0.1030 | | 1.3051 | 1.3051 | | 1.3051 | 1.3051 | | 20,606.6108 | 20,606.6108 | 0.3950 | 0.3778 | 20,729.0656 |
| Mobile | 51.0531 | 201.0845 | 490.1625 | 2.1688 | 242.2294 | 1.0399 | 243.2693 | 64.6715 | 0.9661 | 65.6377 | | 221,048.8378 | 221,048.8378 | 7.7410 | | 221,242.3634 |
| Total | 200.9972 | 222.0635 | 901.3210 | 2.2932 | 242.2294 | 4.5871 | 246.8165 | 64.6715 | 4.5133 | 69.1848 | 0.0000 | 242,383.5017 | 242,383.5017 | 8.8293 | 0.3778 | 242,716.8147 |

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Area | 148.0552 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | 0.0000 | 728.0532 | 728.0532 | 0.6933 | 0.0000 | 745.3858 |
| Energy | 1.8889 | 16.3309 | 8.2551 | 0.1030 | | 1.3051 | 1.3051 | | 1.3051 | 1.3051 | | 20,606.6108 | 20,606.6108 | 0.3950 | 0.3778 | 20,729.0656 |
| Mobile | 50.8718 | 200.2872 | 485.2455 | 2.1448 | 239.3227 | 1.0295 | 240.3522 | 63.8955 | 0.9564 | 64.8519 | | 218,605.4706 | 218,605.4706 | 7.6715 | | 218,797.2584 |
| Total | 200.8159 | 221.2662 | 896.4039 | 2.2692 | 239.3227 | 4.5766 | 243.8993 | 63.8955 | 4.5036 | 68.3991 | 0.0000 | 239,940.1345 | 239,940.1345 | 8.7598 | 0.3778 | 240,271.7097 |

West Broadway Future_Default - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | 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 | 0.09 | 0.36 | 0.55 | 1.05 | 1.20 | 0.23 | 1.18 | 1.20 | 0.21 | 1.14 | 0.00 | 1.01 | 1.01 | 0.79 | 0.00 | 1.01 |

3.0 Construction Detail

Construction Phase

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1 | Demolition | Demolition | 1/1/2020 | 2/23/2021 | 5 | 300 | |
| 2 | Site Preparation | Site Preparation | 2/24/2021 | 11/2/2021 | 5 | 180 | |
| 3 | Grading | Grading | 11/3/2021 | 8/15/2023 | 5 | 465 | |
| 4 | Building Construction | Building Construction | 8/16/2023 | 6/11/2041 | 5 | 4650 | |
| 5 | Paving | Paving | 6/12/2041 | 9/16/2042 | 5 | 330 | |
| 6 | Architectural Coating | Architectural Coating | 9/17/2042 | 12/22/2043 | 5 | 330 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 887,580; Non-Residential Outdoor: 295,860; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

West Broadway Future_Default - Sacramento County, Summer

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Demolition | Excavators | 3 | 8.00 | 158 | 0.38 |
| Demolition | Rubber Tired Dozers | 2 | 8.00 | 247 | 0.40 |
| 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

West Broadway Future_Default - Sacramento County, Summer

| 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 |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition | 6 | 15.00 | 0.00 | 1,040.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 5,207.00 | 1,188.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 1,041.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 0.7825 | 0.0000 | 0.7825 | 0.1185 | 0.0000 | 0.1185 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.3121 | 33.2010 | 21.7532 | 0.0388 | | 1.6587 | 1.6587 | | 1.5419 | 1.5419 | | 3,747.7049 | 3,747.7049 | 1.0580 | | 3,774.1536 |
| Total | 3.3121 | 33.2010 | 21.7532 | 0.0388 | 0.7825 | 1.6587 | 2.4412 | 0.1185 | 1.5419 | 1.6603 | | 3,747.7049 | 3,747.7049 | 1.0580 | | 3,774.1536 |

West Broadway Future_Default - Sacramento County, Summer

3.2 Demolition - 2020

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0263 | 0.9619 | 0.2196 | 2.7500e-003 | 0.0670 | 3.5200e-003 | 0.0705 | 0.0181 | 3.3600e-003 | 0.0215 | | 294.2791 | 294.2791 | 0.0167 | | 294.6961 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0647 | 0.0343 | 0.4898 | 1.2000e-003 | 0.1141 | 7.9000e-004 | 0.1149 | 0.0303 | 7.3000e-004 | 0.0310 | | 119.0269 | 119.0269 | 3.4100e-003 | | 119.1122 |
| Total | 0.0910 | 0.9962 | 0.7093 | 3.9500e-003 | 0.1811 | 4.3100e-003 | 0.1854 | 0.0484 | 4.0900e-003 | 0.0525 | | 413.3060 | 413.3060 | 0.0201 | | 413.8083 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 0.7825 | 0.0000 | 0.7825 | 0.1185 | 0.0000 | 0.1185 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.3121 | 33.2010 | 21.7532 | 0.0388 | | 1.6587 | 1.6587 | | 1.5419 | 1.5419 | 0.0000 | 3,747.7049 | 3,747.7049 | 1.0580 | | 3,774.1536 |
| Total | 3.3121 | 33.2010 | 21.7532 | 0.0388 | 0.7825 | 1.6587 | 2.4412 | 0.1185 | 1.5419 | 1.6603 | 0.0000 | 3,747.7049 | 3,747.7049 | 1.0580 | | 3,774.1536 |

West Broadway Future_Default - Sacramento County, Summer

3.2 Demolition - 2020

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0263 | 0.9619 | 0.2196 | 2.7500e-003 | 0.0670 | 3.5200e-003 | 0.0705 | 0.0181 | 3.3600e-003 | 0.0215 | | 294.2791 | 294.2791 | 0.0167 | | 294.6961 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0647 | 0.0343 | 0.4898 | 1.2000e-003 | 0.1141 | 7.9000e-004 | 0.1149 | 0.0303 | 7.3000e-004 | 0.0310 | | 119.0269 | 119.0269 | 3.4100e-003 | | 119.1122 |
| Total | 0.0910 | 0.9962 | 0.7093 | 3.9500e-003 | 0.1811 | 4.3100e-003 | 0.1854 | 0.0484 | 4.0900e-003 | 0.0525 | | 413.3060 | 413.3060 | 0.0201 | | 413.8083 |

3.2 Demolition - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 0.7825 | 0.0000 | 0.7825 | 0.1185 | 0.0000 | 0.1185 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.1651 | 31.4407 | 21.5650 | 0.0388 | | 1.5513 | 1.5513 | | 1.4411 | 1.4411 | | 3,747.9449 | 3,747.9449 | 1.0549 | | 3,774.3174 |
| Total | 3.1651 | 31.4407 | 21.5650 | 0.0388 | 0.7825 | 1.5513 | 2.3339 | 0.1185 | 1.4411 | 1.5596 | | 3,747.9449 | 3,747.9449 | 1.0549 | | 3,774.3174 |

West Broadway Future_Default - Sacramento County, Summer

3.2 Demolition - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0244 | 0.8847 | 0.2035 | 2.7100e-003 | 0.3763 | 3.0900e-003 | 0.3794 | 0.0941 | 2.9600e-003 | 0.0970 | | 290.8768 | 290.8768 | 0.0164 | | 291.2859 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0601 | 0.0308 | 0.4487 | 1.1500e-003 | 0.1141 | 7.7000e-004 | 0.1149 | 0.0303 | 7.1000e-004 | 0.0310 | | 114.9719 | 114.9719 | 3.0600e-003 | | 115.0483 |
| Total | 0.0845 | 0.9155 | 0.6523 | 3.8600e-003 | 0.4904 | 3.8600e-003 | 0.4943 | 0.1243 | 3.6700e-003 | 0.1280 | | 405.8487 | 405.8487 | 0.0194 | | 406.3343 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 0.7825 | 0.0000 | 0.7825 | 0.1185 | 0.0000 | 0.1185 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.1651 | 31.4407 | 21.5650 | 0.0388 | | 1.5513 | 1.5513 | | 1.4411 | 1.4411 | 0.0000 | 3,747.9449 | 3,747.9449 | 1.0549 | | 3,774.3174 |
| Total | 3.1651 | 31.4407 | 21.5650 | 0.0388 | 0.7825 | 1.5513 | 2.3339 | 0.1185 | 1.4411 | 1.5596 | 0.0000 | 3,747.9449 | 3,747.9449 | 1.0549 | | 3,774.3174 |

West Broadway Future_Default - Sacramento County, Summer

3.2 Demolition - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0244 | 0.8847 | 0.2035 | 2.7100e-003 | 0.3763 | 3.0900e-003 | 0.3794 | 0.0941 | 2.9600e-003 | 0.0970 | | 290.8768 | 290.8768 | 0.0164 | | 291.2859 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0601 | 0.0308 | 0.4487 | 1.1500e-003 | 0.1141 | 7.7000e-004 | 0.1149 | 0.0303 | 7.1000e-004 | 0.0310 | | 114.9719 | 114.9719 | 3.0600e-003 | | 115.0483 |
| Total | 0.0845 | 0.9155 | 0.6523 | 3.8600e-003 | 0.4904 | 3.8600e-003 | 0.4943 | 0.1243 | 3.6700e-003 | 0.1280 | | 405.8487 | 405.8487 | 0.0194 | | 406.3343 |

3.3 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 18.0663 | 0.0000 | 18.0663 | 9.9307 | 0.0000 | 9.9307 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.8882 | 40.4971 | 21.1543 | 0.0380 | | 2.0445 | 2.0445 | | 1.8809 | 1.8809 | | 3,685.6569 | 3,685.6569 | 1.1920 | | 3,715.4573 |
| Total | 3.8882 | 40.4971 | 21.1543 | 0.0380 | 18.0663 | 2.0445 | 20.1107 | 9.9307 | 1.8809 | 11.8116 | | 3,685.6569 | 3,685.6569 | 1.1920 | | 3,715.4573 |

West Broadway Future_Default - Sacramento County, Summer

3.3 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0721 | 0.0369 | 0.5385 | 1.3900e-003 | 0.1369 | 9.2000e-004 | 0.1379 | 0.0363 | 8.5000e-004 | 0.0372 | | 137.9662 | 137.9662 | 3.6700e-003 | | 138.0580 |
| Total | 0.0721 | 0.0369 | 0.5385 | 1.3900e-003 | 0.1369 | 9.2000e-004 | 0.1379 | 0.0363 | 8.5000e-004 | 0.0372 | | 137.9662 | 137.9662 | 3.6700e-003 | | 138.0580 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 18.0663 | 0.0000 | 18.0663 | 9.9307 | 0.0000 | 9.9307 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.8882 | 40.4971 | 21.1543 | 0.0380 | | 2.0445 | 2.0445 | | 1.8809 | 1.8809 | 0.0000 | 3,685.6569 | 3,685.6569 | 1.1920 | | 3,715.4573 |
| Total | 3.8882 | 40.4971 | 21.1543 | 0.0380 | 18.0663 | 2.0445 | 20.1107 | 9.9307 | 1.8809 | 11.8116 | 0.0000 | 3,685.6569 | 3,685.6569 | 1.1920 | | 3,715.4573 |

West Broadway Future_Default - Sacramento County, Summer

3.3 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0721 | 0.0369 | 0.5385 | 1.3900e-003 | 0.1369 | 9.2000e-004 | 0.1379 | 0.0363 | 8.5000e-004 | 0.0372 | | 137.9662 | 137.9662 | 3.6700e-003 | | 138.0580 |
| Total | 0.0721 | 0.0369 | 0.5385 | 1.3900e-003 | 0.1369 | 9.2000e-004 | 0.1379 | 0.0363 | 8.5000e-004 | 0.0372 | | 137.9662 | 137.9662 | 3.6700e-003 | | 138.0580 |

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 4.1912 | 46.3998 | 30.8785 | 0.0620 | | 1.9853 | 1.9853 | | 1.8265 | 1.8265 | | 6,007.0434 | 6,007.0434 | 1.9428 | | 6,055.6134 |
| Total | 4.1912 | 46.3998 | 30.8785 | 0.0620 | 8.6733 | 1.9853 | 10.6587 | 3.5965 | 1.8265 | 5.4230 | | 6,007.0434 | 6,007.0434 | 1.9428 | | 6,055.6134 |

West Broadway Future_Default - Sacramento County, Summer

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0802 | 0.0410 | 0.5983 | 1.5400e-003 | 0.1521 | 1.0300e-003 | 0.1532 | 0.0404 | 9.5000e-004 | 0.0413 | | 153.2958 | 153.2958 | 4.0800e-003 | | 153.3978 |
| Total | 0.0802 | 0.0410 | 0.5983 | 1.5400e-003 | 0.1521 | 1.0300e-003 | 0.1532 | 0.0404 | 9.5000e-004 | 0.0413 | | 153.2958 | 153.2958 | 4.0800e-003 | | 153.3978 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 4.1912 | 46.3998 | 30.8785 | 0.0620 | | 1.9853 | 1.9853 | | 1.8265 | 1.8265 | 0.0000 | 6,007.0434 | 6,007.0434 | 1.9428 | | 6,055.6134 |
| Total | 4.1912 | 46.3998 | 30.8785 | 0.0620 | 8.6733 | 1.9853 | 10.6587 | 3.5965 | 1.8265 | 5.4230 | 0.0000 | 6,007.0434 | 6,007.0434 | 1.9428 | | 6,055.6134 |

West Broadway Future_Default - Sacramento County, Summer

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0802 | 0.0410 | 0.5983 | 1.5400e-003 | 0.1521 | 1.0300e-003 | 0.1532 | 0.0404 | 9.5000e-004 | 0.0413 | | 153.2958 | 153.2958 | 4.0800e-003 | | 153.3978 |
| Total | 0.0802 | 0.0410 | 0.5983 | 1.5400e-003 | 0.1521 | 1.0300e-003 | 0.1532 | 0.0404 | 9.5000e-004 | 0.0413 | | 153.2958 | 153.2958 | 4.0800e-003 | | 153.3978 |

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.6248 | 38.8435 | 29.0415 | 0.0621 | | 1.6349 | 1.6349 | | 1.5041 | 1.5041 | | 6,011.4105 | 6,011.4105 | 1.9442 | | 6,060.0158 |
| Total | 3.6248 | 38.8435 | 29.0415 | 0.0621 | 8.6733 | 1.6349 | 10.3082 | 3.5965 | 1.5041 | 5.1006 | | 6,011.4105 | 6,011.4105 | 1.9442 | | 6,060.0158 |

West Broadway Future_Default - Sacramento County, Summer

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0748 | 0.0369 | 0.5510 | 1.4800e-003 | 0.1521 | 1.0000e-003 | 0.1531 | 0.0404 | 9.2000e-004 | 0.0413 | | 147.7983 | 147.7983 | 3.6700e-003 | | 147.8899 |
| Total | 0.0748 | 0.0369 | 0.5510 | 1.4800e-003 | 0.1521 | 1.0000e-003 | 0.1531 | 0.0404 | 9.2000e-004 | 0.0413 | | 147.7983 | 147.7983 | 3.6700e-003 | | 147.8899 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.6248 | 38.8435 | 29.0415 | 0.0621 | | 1.6349 | 1.6349 | | 1.5041 | 1.5041 | 0.0000 | 6,011.4105 | 6,011.4105 | 1.9442 | | 6,060.0158 |
| Total | 3.6248 | 38.8435 | 29.0415 | 0.0621 | 8.6733 | 1.6349 | 10.3082 | 3.5965 | 1.5041 | 5.1006 | 0.0000 | 6,011.4105 | 6,011.4105 | 1.9442 | | 6,060.0158 |

West Broadway Future_Default - Sacramento County, Summer

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0748 | 0.0369 | 0.5510 | 1.4800e-003 | 0.1521 | 1.0000e-003 | 0.1531 | 0.0404 | 9.2000e-004 | 0.0413 | | 147.7983 | 147.7983 | 3.6700e-003 | | 147.8899 |
| Total | 0.0748 | 0.0369 | 0.5510 | 1.4800e-003 | 0.1521 | 1.0000e-003 | 0.1531 | 0.0404 | 9.2000e-004 | 0.0413 | | 147.7983 | 147.7983 | 3.6700e-003 | | 147.8899 |

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.3217 | 34.5156 | 28.0512 | 0.0621 | | 1.4245 | 1.4245 | | 1.3105 | 1.3105 | | 6,011.4777 | 6,011.4777 | 1.9442 | | 6,060.0836 |
| Total | 3.3217 | 34.5156 | 28.0512 | 0.0621 | 8.6733 | 1.4245 | 10.0978 | 3.5965 | 1.3105 | 4.9070 | | 6,011.4777 | 6,011.4777 | 1.9442 | | 6,060.0836 |

West Broadway Future_Default - Sacramento County, Summer

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0699 | 0.0332 | 0.5072 | 1.4300e-003 | 0.1521 | 9.8000e-004 | 0.1531 | 0.0404 | 9.0000e-004 | 0.0413 | | 142.2416 | 142.2416 | 3.2900e-003 | | 142.3238 |
| Total | 0.0699 | 0.0332 | 0.5072 | 1.4300e-003 | 0.1521 | 9.8000e-004 | 0.1531 | 0.0404 | 9.0000e-004 | 0.0413 | | 142.2416 | 142.2416 | 3.2900e-003 | | 142.3238 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.3217 | 34.5156 | 28.0512 | 0.0621 | | 1.4245 | 1.4245 | | 1.3105 | 1.3105 | 0.0000 | 6,011.4777 | 6,011.4777 | 1.9442 | | 6,060.0836 |
| Total | 3.3217 | 34.5156 | 28.0512 | 0.0621 | 8.6733 | 1.4245 | 10.0978 | 3.5965 | 1.3105 | 4.9070 | 0.0000 | 6,011.4777 | 6,011.4777 | 1.9442 | | 6,060.0836 |

West Broadway Future_Default - Sacramento County, Summer

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0699 | 0.0332 | 0.5072 | 1.4300e-003 | 0.1521 | 9.8000e-004 | 0.1531 | 0.0404 | 9.0000e-004 | 0.0413 | | 142.2416 | 142.2416 | 3.2900e-003 | | 142.3238 |
| Total | 0.0699 | 0.0332 | 0.5072 | 1.4300e-003 | 0.1521 | 9.8000e-004 | 0.1531 | 0.0404 | 9.0000e-004 | 0.0413 | | 142.2416 | 142.2416 | 3.2900e-003 | | 142.3238 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.5728 | 14.3849 | 16.2440 | 0.0269 | | 0.6997 | 0.6997 | | 0.6584 | 0.6584 | | 2,555.2099 | 2,555.2099 | 0.6079 | | 2,570.4061 |
| Total | 1.5728 | 14.3849 | 16.2440 | 0.0269 | | 0.6997 | 0.6997 | | 0.6584 | 0.6584 | | 2,555.2099 | 2,555.2099 | 0.6079 | | 2,570.4061 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.6919 | 96.2269 | 24.9032 | 0.2849 | 7.1468 | 0.1352 | 7.2821 | 2.0564 | 0.1293 | 2.1857 | | 30,222.5811 | 30,222.5811 | 1.4809 | | 30,259.6023 |
| Worker | 18.2073 | 8.6487 | 132.0410 | 0.3718 | 39.6096 | 0.2541 | 39.8637 | 10.5068 | 0.2340 | 10.7409 | | 37,032.6119 | 37,032.6119 | 0.8557 | | 37,054.0046 |
| Total | 20.8992 | 104.8756 | 156.9441 | 0.6566 | 46.7565 | 0.3893 | 47.1457 | 12.5632 | 0.3633 | 12.9265 | | 67,255.1929 | 67,255.1929 | 2.3366 | | 67,313.6070 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.5728 | 14.3849 | 16.2440 | 0.0269 | | 0.6997 | 0.6997 | | 0.6584 | 0.6584 | 0.0000 | 2,555.2099 | 2,555.2099 | 0.6079 | | 2,570.4061 |
| Total | 1.5728 | 14.3849 | 16.2440 | 0.0269 | | 0.6997 | 0.6997 | | 0.6584 | 0.6584 | 0.0000 | 2,555.2099 | 2,555.2099 | 0.6079 | | 2,570.4061 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.6919 | 96.2269 | 24.9032 | 0.2849 | 7.1468 | 0.1352 | 7.2821 | 2.0564 | 0.1293 | 2.1857 | | 30,222.5811 | 30,222.5811 | 1.4809 | | 30,259.6023 |
| Worker | 18.2073 | 8.6487 | 132.0410 | 0.3718 | 39.6096 | 0.2541 | 39.8637 | 10.5068 | 0.2340 | 10.7409 | | 37,032.6119 | 37,032.6119 | 0.8557 | | 37,054.0046 |
| Total | 20.8992 | 104.8756 | 156.9441 | 0.6566 | 46.7565 | 0.3893 | 47.1457 | 12.5632 | 0.3633 | 12.9265 | | 67,255.1929 | 67,255.1929 | 2.3366 | | 67,313.6070 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.4716 | 13.4438 | 16.1668 | 0.0270 | | 0.6133 | 0.6133 | | 0.5769 | 0.5769 | | 2,555.6989 | 2,555.6989 | 0.6044 | | 2,570.8077 |
| Total | 1.4716 | 13.4438 | 16.1668 | 0.0270 | | 0.6133 | 0.6133 | | 0.5769 | 0.5769 | | 2,555.6989 | 2,555.6989 | 0.6044 | | 2,570.8077 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.5650 | 94.4237 | 23.2769 | 0.2830 | 7.1462 | 0.1286 | 7.2748 | 2.0562 | 0.1230 | 2.1791 | | 30,045.88 59 | 30,045.88 59 | 1.4627 | | 30,082.45 29 |
| Worker | 17.0973 | 7.8195 | 122.4894 | 0.3572 | 39.6096 | 0.2485 | 39.8581 | 10.5068 | 0.2288 | 10.7356 | | 35,591.14 79 | 35,591.14 79 | 0.7719 | | 35,610.44 64 |
| Total | 19.6622 | 102.2432 | 145.7663 | 0.6402 | 46.7558 | 0.3771 | 47.1329 | 12.5630 | 0.3518 | 12.9148 | | 65,637.03 38 | 65,637.03 38 | 2.2346 | | 65,692.89 93 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.4716 | 13.4438 | 16.1668 | 0.0270 | | 0.6133 | 0.6133 | | 0.5769 | 0.5769 | 0.0000 | 2,555.698 9 | 2,555.698 9 | 0.6044 | | 2,570.807 7 |
| Total | 1.4716 | 13.4438 | 16.1668 | 0.0270 | | 0.6133 | 0.6133 | | 0.5769 | 0.5769 | 0.0000 | 2,555.698 9 | 2,555.698 9 | 0.6044 | | 2,570.807 7 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.5650 | 94.4237 | 23.2769 | 0.2830 | 7.1462 | 0.1286 | 7.2748 | 2.0562 | 0.1230 | 2.1791 | | 30,045.88 59 | 30,045.88 59 | 1.4627 | | 30,082.45 29 |
| Worker | 17.0973 | 7.8195 | 122.4894 | 0.3572 | 39.6096 | 0.2485 | 39.8581 | 10.5068 | 0.2288 | 10.7356 | | 35,591.14 79 | 35,591.14 79 | 0.7719 | | 35,610.44 64 |
| Total | 19.6622 | 102.2432 | 145.7663 | 0.6402 | 46.7558 | 0.3771 | 47.1329 | 12.5630 | 0.3518 | 12.9148 | | 65,637.03 38 | 65,637.03 38 | 2.2346 | | 65,692.89 93 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.4600 | 92.7018 | 22.0403 | 0.2813 | 7.1455 | 0.1222 | 7.2678 | 2.0559 | 0.1169 | 2.1728 | | 29,874.84 90 | 29,874.84 90 | 1.4455 | | 29,910.98 62 |
| Worker | 16.1295 | 7.1026 | 113.6130 | 0.3428 | 39.6096 | 0.2439 | 39.8535 | 10.5068 | 0.2245 | 10.7313 | | 34,164.33 24 | 34,164.33 24 | 0.6998 | | 34,181.82 83 |
| Total | 18.5895 | 99.8043 | 135.6533 | 0.6241 | 46.7551 | 0.3661 | 47.1212 | 12.5628 | 0.3414 | 12.9041 | | 64,039.18 13 | 64,039.18 13 | 2.1453 | | 64,092.81 45 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.4600 | 92.7018 | 22.0403 | 0.2813 | 7.1455 | 0.1222 | 7.2678 | 2.0559 | 0.1169 | 2.1728 | | 29,874.84 90 | 29,874.84 90 | 1.4455 | | 29,910.98 62 |
| Worker | 16.1295 | 7.1026 | 113.6130 | 0.3428 | 39.6096 | 0.2439 | 39.8535 | 10.5068 | 0.2245 | 10.7313 | | 34,164.33 24 | 34,164.33 24 | 0.6998 | | 34,181.82 83 |
| Total | 18.5895 | 99.8043 | 135.6533 | 0.6241 | 46.7551 | 0.3661 | 47.1212 | 12.5628 | 0.3414 | 12.9041 | | 64,039.18 13 | 64,039.18 13 | 2.1453 | | 64,092.81 45 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.3674 | 91.0634 | 21.0371 | 0.2796 | 7.1450 | 0.1158 | 7.2608 | 2.0557 | 0.1108 | 2.1665 | | 29,712.2131 | 29,712.2131 | 1.4299 | | 29,747.9602 |
| Worker | 15.2678 | 6.4900 | 105.9011 | 0.3300 | 39.6096 | 0.2367 | 39.8463 | 10.5068 | 0.2179 | 10.7247 | | 32,894.4105 | 32,894.4105 | 0.6374 | | 32,910.3449 |
| Total | 17.6353 | 97.5534 | 126.9383 | 0.6096 | 46.7546 | 0.3525 | 47.1071 | 12.5625 | 0.3287 | 12.8912 | | 62,606.6235 | 62,606.6235 | 2.0673 | | 62,658.3051 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.3674 | 91.0634 | 21.0371 | 0.2796 | 7.1450 | 0.1158 | 7.2608 | 2.0557 | 0.1108 | 2.1665 | | 29,712.2131 | 29,712.2131 | 1.4299 | | 29,747.9602 |
| Worker | 15.2678 | 6.4900 | 105.9011 | 0.3300 | 39.6096 | 0.2367 | 39.8463 | 10.5068 | 0.2179 | 10.7247 | | 32,894.4105 | 32,894.4105 | 0.6374 | | 32,910.3449 |
| Total | 17.6353 | 97.5534 | 126.9383 | 0.6096 | 46.7546 | 0.3525 | 47.1071 | 12.5625 | 0.3287 | 12.8912 | | 62,606.6235 | 62,606.6235 | 2.0673 | | 62,658.3051 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.2860 | 89.5580 | 20.1654 | 0.2781 | 7.1445 | 0.1104 | 7.2549 | 2.0555 | 0.1056 | 2.1611 | | 29,559.33 20 | 29,559.33 20 | 1.4147 | | 29,594.69 88 |
| Worker | 14.4273 | 5.9401 | 98.9441 | 0.3186 | 39.6096 | 0.2251 | 39.8347 | 10.5068 | 0.2071 | 10.7140 | | 31,759.114 3 | 31,759.114 3 | 0.5810 | | 31,773.63 99 |
| Total | 16.7133 | 95.4981 | 119.1095 | 0.5967 | 46.7541 | 0.3355 | 47.0896 | 12.5624 | 0.3127 | 12.8751 | | 61,318.44 63 | 61,318.44 63 | 1.9957 | | 61,368.33 87 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.2860 | 89.5580 | 20.1654 | 0.2781 | 7.1445 | 0.1104 | 7.2549 | 2.0555 | 0.1056 | 2.1611 | | 29,559.33 20 | 29,559.33 20 | 1.4147 | | 29,594.69 88 |
| Worker | 14.4273 | 5.9401 | 98.9441 | 0.3186 | 39.6096 | 0.2251 | 39.8347 | 10.5068 | 0.2071 | 10.7140 | | 31,759.114 3 | 31,759.114 3 | 0.5810 | | 31,773.63 99 |
| Total | 16.7133 | 95.4981 | 119.1095 | 0.5967 | 46.7541 | 0.3355 | 47.0896 | 12.5624 | 0.3127 | 12.8751 | | 61,318.44 63 | 61,318.44 63 | 1.9957 | | 61,368.33 87 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.2142 | 88.2700 | 19.4314 | 0.2768 | 7.1441 | 0.1057 | 7.2497 | 2.0554 | 0.1010 | 2.1564 | | 29,428.53 17 | 29,428.53 17 | 1.3993 | | 29,463.51 46 |
| Worker | 13.5704 | 5.4520 | 92.8095 | 0.3084 | 39.6096 | 0.2100 | 39.8197 | 10.5068 | 0.1933 | 10.7001 | | 30,752.23 19 | 30,752.23 19 | 0.5325 | | 30,765.54 45 |
| Total | 15.7846 | 93.7220 | 112.2409 | 0.5852 | 46.7537 | 0.3157 | 47.0694 | 12.5622 | 0.2943 | 12.8565 | | 60,180.76 35 | 60,180.76 35 | 1.9318 | | 60,229.05 90 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.2142 | 88.2700 | 19.4314 | 0.2768 | 7.1441 | 0.1057 | 7.2497 | 2.0554 | 0.1010 | 2.1564 | | 29,428.53 17 | 29,428.53 17 | 1.3993 | | 29,463.51 46 |
| Worker | 13.5704 | 5.4520 | 92.8095 | 0.3084 | 39.6096 | 0.2100 | 39.8197 | 10.5068 | 0.1933 | 10.7001 | | 30,752.23 19 | 30,752.23 19 | 0.5325 | | 30,765.54 45 |
| Total | 15.7846 | 93.7220 | 112.2409 | 0.5852 | 46.7537 | 0.3157 | 47.0694 | 12.5622 | 0.2943 | 12.8565 | | 60,180.76 35 | 60,180.76 35 | 1.9318 | | 60,229.05 90 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.1493 | 87.0431 | 18.8196 | 0.2756 | 7.1437 | 0.1008 | 7.2445 | 2.0552 | 0.0964 | 2.1516 | | 29,309.48 85 | 29,309.48 85 | 1.3840 | | 29,344.08 90 |
| Worker | 12.6400 | 4.9975 | 86.9346 | 0.2994 | 39.6096 | 0.1956 | 39.8053 | 10.5068 | 0.1800 | 10.6868 | | 29,860.97 93 | 29,860.97 93 | 0.4863 | | 29,873.13 72 |
| Total | 14.7894 | 92.0405 | 105.7541 | 0.5750 | 46.7533 | 0.2965 | 47.0498 | 12.5621 | 0.2764 | 12.8385 | | 59,170.46 78 | 59,170.46 78 | 1.8703 | | 59,217.22 62 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.1493 | 87.0431 | 18.8196 | 0.2756 | 7.1437 | 0.1008 | 7.2445 | 2.0552 | 0.0964 | 2.1516 | | 29,309.48 85 | 29,309.48 85 | 1.3840 | | 29,344.08 90 |
| Worker | 12.6400 | 4.9975 | 86.9346 | 0.2994 | 39.6096 | 0.1956 | 39.8053 | 10.5068 | 0.1800 | 10.6868 | | 29,860.97 93 | 29,860.97 93 | 0.4863 | | 29,873.13 72 |
| Total | 14.7894 | 92.0405 | 105.7541 | 0.5750 | 46.7533 | 0.2965 | 47.0498 | 12.5621 | 0.2764 | 12.8385 | | 59,170.46 78 | 59,170.46 78 | 1.8703 | | 59,217.22 62 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.546 8 | 2,897.546 8 | 0.1162 | | 2,900.452 9 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.546 8 | 2,897.546 8 | 0.1162 | | 2,900.452 9 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.0910 | 85.8946 | 18.3174 | 0.2745 | 7.1433 | 0.0959 | 7.2393 | 2.0551 | 0.0917 | 2.1468 | | 29,203.4112 | 29,203.4112 | 1.3682 | | 29,237.6150 |
| Worker | 11.7378 | 4.5873 | 81.6563 | 0.2915 | 39.6096 | 0.1822 | 39.7919 | 10.5068 | 0.1677 | 10.6745 | | 29,076.5183 | 29,076.5183 | 0.4453 | | 29,087.6499 |
| Total | 13.8288 | 90.4820 | 99.9736 | 0.5660 | 46.7529 | 0.2782 | 47.0311 | 12.5619 | 0.2594 | 12.8213 | | 58,279.9295 | 58,279.9295 | 1.8134 | | 58,325.2649 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.0910 | 85.8946 | 18.3174 | 0.2745 | 7.1433 | 0.0959 | 7.2393 | 2.0551 | 0.0917 | 2.1468 | | 29,203.4112 | 29,203.4112 | 1.3682 | | 29,237.6150 |
| Worker | 11.7378 | 4.5873 | 81.6563 | 0.2915 | 39.6096 | 0.1822 | 39.7919 | 10.5068 | 0.1677 | 10.6745 | | 29,076.5183 | 29,076.5183 | 0.4453 | | 29,087.6499 |
| Total | 13.8288 | 90.4820 | 99.9736 | 0.5660 | 46.7529 | 0.2782 | 47.0311 | 12.5619 | 0.2594 | 12.8213 | | 58,279.9295 | 58,279.9295 | 1.8134 | | 58,325.2649 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.0415 | 84.8515 | 17.9069 | 0.2736 | 7.1431 | 0.0916 | 7.2346 | 2.0550 | 0.0875 | 2.1426 | | 29,113.35 21 | 29,113.35 21 | 1.3545 | | 29,147.21 34 |
| Worker | 10.7871 | 4.2008 | 76.6390 | 0.2846 | 39.6096 | 0.1695 | 39.7791 | 10.5068 | 0.1559 | 10.6628 | | 28,389.07 47 | 28,389.07 47 | 0.4069 | | 28,399.24 66 |
| Total | 12.8286 | 89.0523 | 94.5459 | 0.5582 | 46.7527 | 0.2611 | 47.0138 | 12.5618 | 0.2435 | 12.8053 | | 57,502.42 69 | 57,502.42 69 | 1.7613 | | 57,546.46 00 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1162 | | 2,900.452 9 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1162 | | 2,900.452 9 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.0415 | 84.8515 | 17.9069 | 0.2736 | 7.1431 | 0.0916 | 7.2346 | 2.0550 | 0.0875 | 2.1426 | | 29,113.3521 | 29,113.3521 | 1.3545 | | 29,147.2134 |
| Worker | 10.7871 | 4.2008 | 76.6390 | 0.2846 | 39.6096 | 0.1695 | 39.7791 | 10.5068 | 0.1559 | 10.6628 | | 28,389.0747 | 28,389.0747 | 0.4069 | | 28,399.2466 |
| Total | 12.8286 | 89.0523 | 94.5459 | 0.5582 | 46.7527 | 0.2611 | 47.0138 | 12.5618 | 0.2435 | 12.8053 | | 57,502.4269 | 57,502.4269 | 1.7613 | | 57,546.4600 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.0003 | 83.8808 | 17.5821 | 0.2729 | 7.1428 | 0.0880 | 7.2308 | 2.0549 | 0.0842 | 2.1391 | | 29,039.9275 | 29,039.9275 | 1.3424 | | 29,073.4867 |
| Worker | 9.9332 | 3.8672 | 72.2180 | 0.2785 | 39.6096 | 0.1577 | 39.7673 | 10.5068 | 0.1451 | 10.6519 | | 27,790.7086 | 27,790.7086 | 0.3735 | | 27,800.0452 |
| Total | 11.9335 | 87.7480 | 89.8001 | 0.5514 | 46.7524 | 0.2457 | 46.9981 | 12.5617 | 0.2292 | 12.7910 | | 56,830.6361 | 56,830.6361 | 1.7158 | | 56,873.5319 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.0003 | 83.8808 | 17.5821 | 0.2729 | 7.1428 | 0.0880 | 7.2308 | 2.0549 | 0.0842 | 2.1391 | | 29,039.9275 | 29,039.9275 | 1.3424 | | 29,073.4867 |
| Worker | 9.9332 | 3.8672 | 72.2180 | 0.2785 | 39.6096 | 0.1577 | 39.7673 | 10.5068 | 0.1451 | 10.6519 | | 27,790.7086 | 27,790.7086 | 0.3735 | | 27,800.0452 |
| Total | 11.9335 | 87.7480 | 89.8001 | 0.5514 | 46.7524 | 0.2457 | 46.9981 | 12.5617 | 0.2292 | 12.7910 | | 56,830.6361 | 56,830.6361 | 1.7158 | | 56,873.5319 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9655 | 83.0189 | 17.3066 | 0.2723 | 7.1426 | 0.0850 | 7.2276 | 2.0549 | 0.0813 | 2.1361 | | 28,975.9678 | 28,975.9678 | 1.3317 | | 29,009.2598 |
| Worker | 9.2326 | 3.5934 | 68.4882 | 0.2733 | 39.6096 | 0.1471 | 39.7567 | 10.5068 | 0.1353 | 10.6421 | | 27,274.8129 | 27,274.8129 | 0.3456 | | 27,283.4538 |
| Total | 11.1980 | 86.6123 | 85.7949 | 0.5456 | 46.7522 | 0.2321 | 46.9843 | 12.5617 | 0.2166 | 12.7783 | | 56,250.7807 | 56,250.7807 | 1.6773 | | 56,292.7135 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9655 | 83.0189 | 17.3066 | 0.2723 | 7.1426 | 0.0850 | 7.2276 | 2.0549 | 0.0813 | 2.1361 | | 28,975.9678 | 28,975.9678 | 1.3317 | | 29,009.2598 |
| Worker | 9.2326 | 3.5934 | 68.4882 | 0.2733 | 39.6096 | 0.1471 | 39.7567 | 10.5068 | 0.1353 | 10.6421 | | 27,274.8129 | 27,274.8129 | 0.3456 | | 27,283.4538 |
| Total | 11.1980 | 86.6123 | 85.7949 | 0.5456 | 46.7522 | 0.2321 | 46.9843 | 12.5617 | 0.2166 | 12.7783 | | 56,250.7807 | 56,250.7807 | 1.6773 | | 56,292.7135 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9333 | 82.2208 | 17.0558 | 0.2717 | 7.1424 | 0.0821 | 7.2245 | 2.0548 | 0.0785 | 2.1333 | | 28,922.54 57 | 28,922.54 57 | 1.3217 | | 28,955.58 75 |
| Worker | 8.5994 | 3.3595 | 64.9603 | 0.2688 | 39.6096 | 0.1372 | 39.7468 | 10.5068 | 0.1262 | 10.6330 | | 26,829.18 53 | 26,829.18 53 | 0.3197 | | 26,837.17 72 |
| Total | 10.5327 | 85.5803 | 82.0161 | 0.5405 | 46.7520 | 0.2193 | 46.9713 | 12.5616 | 0.2047 | 12.7663 | | 55,751.73 10 | 55,751.73 10 | 1.6414 | | 55,792.76 47 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1162 | | 2,900.452 9 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1162 | | 2,900.452 9 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9333 | 82.2208 | 17.0558 | 0.2717 | 7.1424 | 0.0821 | 7.2245 | 2.0548 | 0.0785 | 2.1333 | | 28,922.54 57 | 28,922.54 57 | 1.3217 | | 28,955.58 75 |
| Worker | 8.5994 | 3.3595 | 64.9603 | 0.2688 | 39.6096 | 0.1372 | 39.7468 | 10.5068 | 0.1262 | 10.6330 | | 26,829.18 53 | 26,829.18 53 | 0.3197 | | 26,837.17 72 |
| Total | 10.5327 | 85.5803 | 82.0161 | 0.5405 | 46.7520 | 0.2193 | 46.9713 | 12.5616 | 0.2047 | 12.7663 | | 55,751.73 10 | 55,751.73 10 | 1.6414 | | 55,792.76 47 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.6955 | 28,878.6955 | 1.3123 | | 28,911.5034 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.1262 | 26,450.1262 | 0.2977 | | 26,457.5683 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.8217 | 55,328.8217 | 1.6100 | | 55,369.0717 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.6955 | 28,878.6955 | 1.3123 | | 28,911.5034 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.1262 | 26,450.1262 | 0.2977 | | 26,457.5683 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.8217 | 55,328.8217 | 1.6100 | | 55,369.0717 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.6955 | 28,878.6955 | 1.3123 | | 28,911.5034 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.1262 | 26,450.1262 | 0.2977 | | 26,457.5683 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.8217 | 55,328.8217 | 1.6100 | | 55,369.0717 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.6955 | 28,878.6955 | 1.3123 | | 28,911.5034 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.1262 | 26,450.1262 | 0.2977 | | 26,457.5683 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.8217 | 55,328.8217 | 1.6100 | | 55,369.0717 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.6955 | 28,878.6955 | 1.3123 | | 28,911.5034 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.1262 | 26,450.1262 | 0.2977 | | 26,457.5683 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.8217 | 55,328.8217 | 1.6100 | | 55,369.0717 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.69 55 | 28,878.69 55 | 1.3123 | | 28,911.503 4 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.12 62 | 26,450.12 62 | 0.2977 | | 26,457.56 83 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.82 17 | 55,328.82 17 | 1.6100 | | 55,369.07 17 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.6955 | 28,878.6955 | 1.3123 | | 28,911.5034 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.1262 | 26,450.1262 | 0.2977 | | 26,457.5683 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.8217 | 55,328.8217 | 1.6100 | | 55,369.0717 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.6955 | 28,878.6955 | 1.3123 | | 28,911.5034 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.1262 | 26,450.1262 | 0.2977 | | 26,457.5683 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.8217 | 55,328.8217 | 1.6100 | | 55,369.0717 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.69 55 | 28,878.69 55 | 1.3123 | | 28,911.503 4 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.12 62 | 26,450.12 62 | 0.2977 | | 26,457.56 83 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.82 17 | 55,328.82 17 | 1.6100 | | 55,369.07 17 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.6955 | 28,878.6955 | 1.3123 | | 28,911.5034 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.1262 | 26,450.1262 | 0.2977 | | 26,457.5683 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.8217 | 55,328.8217 | 1.6100 | | 55,369.0717 |

3.5 Building Construction - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | | 2,897.5471 | 2,897.5471 | 0.1041 | | 2,900.1503 |
| Total | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | | 2,897.5471 | 2,897.5471 | 0.1041 | | 2,900.1503 |

West Broadway Future_Default - Sacramento County, Summer

3.5 Building Construction - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.8191 | 79.1739 | 16.2195 | 0.2705 | 7.1417 | 0.0738 | 7.2155 | 2.0545 | 0.0705 | 2.1250 | | 28,798.40 52 | 28,798.40 52 | 1.2761 | | 28,830.30 76 |
| Worker | 6.0265 | 2.5948 | 52.5826 | 0.2533 | 39.6096 | 0.0984 | 39.7080 | 10.5068 | 0.0905 | 10.5973 | | 25,301.01 37 | 25,301.01 37 | 0.2305 | | 25,306.77 67 |
| Total | 7.8456 | 81.7687 | 68.8021 | 0.5238 | 46.7513 | 0.1721 | 46.9234 | 12.5613 | 0.1610 | 12.7223 | | 54,099.41 89 | 54,099.41 89 | 1.5066 | | 54,137.08 43 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | 0.0000 | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |
| Total | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | 0.0000 | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |

West Broadway Future_Default - Sacramento County, Summer

3.5 Building Construction - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.8191 | 79.1739 | 16.2195 | 0.2705 | 7.1417 | 0.0738 | 7.2155 | 2.0545 | 0.0705 | 2.1250 | | 28,798.40 52 | 28,798.40 52 | 1.2761 | | 28,830.30 76 |
| Worker | 6.0265 | 2.5948 | 52.5826 | 0.2533 | 39.6096 | 0.0984 | 39.7080 | 10.5068 | 0.0905 | 10.5973 | | 25,301.01 37 | 25,301.01 37 | 0.2305 | | 25,306.77 67 |
| Total | 7.8456 | 81.7687 | 68.8021 | 0.5238 | 46.7513 | 0.1721 | 46.9234 | 12.5613 | 0.1610 | 12.7223 | | 54,099.41 89 | 54,099.41 89 | 1.5066 | | 54,137.08 43 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |
| Total | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.8191 | 79.1739 | 16.2195 | 0.2705 | 7.1417 | 0.0738 | 7.2155 | 2.0545 | 0.0705 | 2.1250 | | 28,798.40 52 | 28,798.40 52 | 1.2761 | | 28,830.30 76 |
| Worker | 6.0265 | 2.5948 | 52.5826 | 0.2533 | 39.6096 | 0.0984 | 39.7080 | 10.5068 | 0.0905 | 10.5973 | | 25,301.01 37 | 25,301.01 37 | 0.2305 | | 25,306.77 67 |
| Total | 7.8456 | 81.7687 | 68.8021 | 0.5238 | 46.7513 | 0.1721 | 46.9234 | 12.5613 | 0.1610 | 12.7223 | | 54,099.41 89 | 54,099.41 89 | 1.5066 | | 54,137.08 43 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | 0.0000 | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |
| Total | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | 0.0000 | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |

West Broadway Future_Default - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.8191 | 79.1739 | 16.2195 | 0.2705 | 7.1417 | 0.0738 | 7.2155 | 2.0545 | 0.0705 | 2.1250 | | 28,798.40 52 | 28,798.40 52 | 1.2761 | | 28,830.30 76 |
| Worker | 6.0265 | 2.5948 | 52.5826 | 0.2533 | 39.6096 | 0.0984 | 39.7080 | 10.5068 | 0.0905 | 10.5973 | | 25,301.01 37 | 25,301.01 37 | 0.2305 | | 25,306.77 67 |
| Total | 7.8456 | 81.7687 | 68.8021 | 0.5238 | 46.7513 | 0.1721 | 46.9234 | 12.5613 | 0.1610 | 12.7223 | | 54,099.41 89 | 54,099.41 89 | 1.5066 | | 54,137.08 43 |

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | | 2,656.516 8 | 2,656.516 8 | 0.0893 | | 2,658.748 9 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | | 2,656.516 8 | 2,656.516 8 | 0.0893 | | 2,658.748 9 |

West Broadway Future_Default - Sacramento County, Summer

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |
| Total | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.0893 | | 2,658.7489 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.0893 | | 2,658.7489 |

West Broadway Future_Default - Sacramento County, Summer

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |
| Total | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | | 2,656.5168 | 2,656.5168 | 0.0893 | | 2,658.7489 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | | 2,656.5168 | 2,656.5168 | 0.0893 | | 2,658.7489 |

West Broadway Future_Default - Sacramento County, Summer

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |
| Total | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.0893 | | 2,658.7489 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.0893 | | 2,658.7489 |

West Broadway Future_Default - Sacramento County, Summer

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |
| Total | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |

3.7 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 202.4433 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1149 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |
| Total | 202.5582 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |

West Broadway Future_Default - Sacramento County, Summer

3.7 Architectural Coating - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.411 3 |
| Total | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.411 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 202.4433 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1149 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | 0.0000 | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |
| Total | 202.5582 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | 0.0000 | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |

West Broadway Future_Default - Sacramento County, Summer

3.7 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.4113 |
| Total | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.411 3 |

3.7 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 202.4433 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1149 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |
| Total | 202.5582 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |

West Broadway Future_Default - Sacramento County, Summer

3.7 Architectural Coating - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.411 3 |
| Total | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.411 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 202.4433 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1149 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | 0.0000 | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |
| Total | 202.5582 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | 0.0000 | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |

West Broadway Future_Default - Sacramento County, Summer

3.7 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.4113 |
| Total | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.411 3 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

West Broadway Future_Default - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|----------|----------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|--------------|--------------|--------|-----|--------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Mitigated | 50.8718 | 200.2872 | 485.2455 | 2.1448 | 239.3227 | 1.0295 | 240.3522 | 63.8955 | 0.9564 | 64.8519 | | 218,605.4706 | 218,605.4706 | 7.6715 | | 218,797.2584 |
| Unmitigated | 51.0531 | 201.0845 | 490.1625 | 2.1688 | 242.2294 | 1.0399 | 243.2693 | 64.6715 | 0.9661 | 65.6377 | | 221,048.8378 | 221,048.8378 | 7.7410 | | 221,242.3634 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|--------------------------|-------------------------|-----------|-----------|-------------|-------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Apartments Low Rise | 10,972.35 | 11,921.40 | 10106.55 | 28,186,764 | 27,848,523 |
| Apartments Mid Rise | 20,515.25 | 19,713.15 | 18078.10 | 51,456,901 | 50,839,418 |
| City Park | 150.26 | 1,808.63 | 1330.83 | 1,025,459 | 1,013,153 |
| Condo/Townhouse | 871.50 | 850.50 | 726.00 | 2,175,327 | 2,149,223 |
| Elementary School | 1,535.29 | 0.00 | 0.00 | 2,306,054 | 2,278,381 |
| General Light Industry | 1,290.84 | 244.46 | 125.94 | 2,696,455 | 2,664,098 |
| Racquet Club | 883.89 | 1,345.05 | 1096.20 | 1,294,152 | 1,278,622 |
| Regional Shopping Center | 10,419.65 | 12,193.68 | 6159.06 | 14,063,079 | 13,894,322 |
| Total | 46,639.03 | 48,076.87 | 37,622.68 | 103,204,191 | 101,965,741 |

4.3 Trip Type Information

West Broadway Future_Default - Sacramento County, Summer

| 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 |
| Apartments Low Rise | 10.00 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| Apartments Mid Rise | 10.00 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| City Park | 10.00 | 5.00 | 6.50 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |
| Condo/Townhouse | 10.00 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| Elementary School | 10.00 | 5.00 | 6.50 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| General Light Industry | 10.00 | 5.00 | 6.50 | 59.00 | 28.00 | 13.00 | 92 | 5 | 3 |
| Racquet Club | 10.00 | 5.00 | 6.50 | 11.50 | 69.50 | 19.00 | 52 | 39 | 9 |
| Regional Shopping Center | 10.00 | 5.00 | 6.50 | 16.30 | 64.70 | 19.00 | 54 | 35 | 11 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments Low Rise | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Apartments Mid Rise | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| City Park | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Condo/Townhouse | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Elementary School | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| General Light Industry | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Racquet Club | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Regional Shopping Center | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway Future_Default - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|------------------------|--------|---------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|--------|--------|-------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| NaturalGas Mitigated | 1.8889 | 16.3309 | 8.2551 | 0.1030 | | 1.3051 | 1.3051 | | 1.3051 | 1.3051 | | 20,606.6108 | 20,606.6108 | 0.3950 | 0.3778 | 20,729.0656 |
| NaturalGas Unmitigated | 1.8889 | 16.3309 | 8.2551 | 0.1030 | | 1.3051 | 1.3051 | | 1.3051 | 1.3051 | | 20,606.6108 | 20,606.6108 | 0.3950 | 0.3778 | 20,729.0656 |

West Broadway Future_Default - Sacramento County, Summer

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Apartments Low Rise | 52184.7 | 0.5628 | 4.8092 | 2.0465 | 0.0307 | | 0.3888 | 0.3888 | | 0.3888 | 0.3888 | | 6,139.3823 | 6,139.3823 | 0.1177 | 0.1126 | 6,175.8656 |
| Apartments Mid Rise | 82391.5 | 0.8885 | 7.5929 | 3.2310 | 0.0485 | | 0.6139 | 0.6139 | | 0.6139 | 0.6139 | | 9,693.1148 | 9,693.1148 | 0.1858 | 0.1777 | 9,750.7161 |
| 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 |
| Condo/Townhouse | 8445.72 | 0.0911 | 0.7783 | 0.3312 | 4.9700e-003 | | 0.0629 | 0.0629 | | 0.0629 | 0.0629 | | 993.6140 | 993.6140 | 0.0190 | 0.0182 | 999.5186 |
| Elementary School | 4159.92 | 0.0449 | 0.4078 | 0.3426 | 2.4500e-003 | | 0.0310 | 0.0310 | | 0.0310 | 0.0310 | | 489.4021 | 489.4021 | 9.3800e-003 | 8.9700e-003 | 492.3104 |
| General Light Industry | 18169.9 | 0.1960 | 1.7814 | 1.4963 | 0.0107 | | 0.1354 | 0.1354 | | 0.1354 | 0.1354 | | 2,137.6348 | 2,137.6348 | 0.0410 | 0.0392 | 2,150.3377 |
| Racquet Club | 6180.9 | 0.0667 | 0.6060 | 0.5090 | 3.6400e-003 | | 0.0461 | 0.0461 | | 0.0461 | 0.0461 | | 727.1652 | 727.1652 | 0.0139 | 0.0133 | 731.4864 |
| Regional Shopping Center | 3623.53 | 0.0391 | 0.3553 | 0.2984 | 2.1300e-003 | | 0.0270 | 0.0270 | | 0.0270 | 0.0270 | | 426.2976 | 426.2976 | 8.1700e-003 | 7.8200e-003 | 428.8309 |
| Total | | 1.8890 | 16.3309 | 8.2551 | 0.1031 | | 1.3051 | 1.3051 | | 1.3051 | 1.3051 | | 20,606.6108 | 20,606.6108 | 0.3950 | 0.3778 | 20,729.0656 |

West Broadway Future_Default - Sacramento County, Summer

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Apartments Low Rise | 52.1847 | 0.5628 | 4.8092 | 2.0465 | 0.0307 | | 0.3888 | 0.3888 | | 0.3888 | 0.3888 | | 6,139.3823 | 6,139.3823 | 0.1177 | 0.1126 | 6,175.8656 |
| Apartments Mid Rise | 82.3915 | 0.8885 | 7.5929 | 3.2310 | 0.0485 | | 0.6139 | 0.6139 | | 0.6139 | 0.6139 | | 9,693.1148 | 9,693.1148 | 0.1858 | 0.1777 | 9,750.7161 |
| 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 |
| Condo/Townhouse | 8.44572 | 0.0911 | 0.7783 | 0.3312 | 4.9700e-003 | | 0.0629 | 0.0629 | | 0.0629 | 0.0629 | | 993.6140 | 993.6140 | 0.0190 | 0.0182 | 999.5186 |
| Elementary School | 4.15992 | 0.0449 | 0.4078 | 0.3426 | 2.4500e-003 | | 0.0310 | 0.0310 | | 0.0310 | 0.0310 | | 489.4021 | 489.4021 | 9.3800e-003 | 8.9700e-003 | 492.3104 |
| General Light Industry | 18.1699 | 0.1960 | 1.7814 | 1.4963 | 0.0107 | | 0.1354 | 0.1354 | | 0.1354 | 0.1354 | | 2,137.6348 | 2,137.6348 | 0.0410 | 0.0392 | 2,150.3377 |
| Racquet Club | 6.1809 | 0.0667 | 0.6060 | 0.5090 | 3.6400e-003 | | 0.0461 | 0.0461 | | 0.0461 | 0.0461 | | 727.1652 | 727.1652 | 0.0139 | 0.0133 | 731.4864 |
| Regional Shopping Center | 3.62353 | 0.0391 | 0.3553 | 0.2984 | 2.1300e-003 | | 0.0270 | 0.0270 | | 0.0270 | 0.0270 | | 426.2976 | 426.2976 | 8.1700e-003 | 7.8200e-003 | 428.8309 |
| Total | | 1.8890 | 16.3309 | 8.2551 | 0.1031 | | 1.3051 | 1.3051 | | 1.3051 | 1.3051 | | 20,606.6108 | 20,606.6108 | 0.3950 | 0.3778 | 20,729.0656 |

6.0 Area Detail

6.1 Mitigation Measures Area

West Broadway Future_Default - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|----------|--------|----------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|----------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Mitigated | 148.0552 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | 0.0000 | 728.0532 | 728.0532 | 0.6933 | 0.0000 | 745.3858 |
| Unmitigated | 148.0552 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | 0.0000 | 728.0532 | 728.0532 | 0.6933 | 0.0000 | 745.3858 |

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 18.3031 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 117.7012 | | | | | 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 | 12.0509 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | | 728.0532 | 728.0532 | 0.6933 | | 745.3858 |
| Total | 148.0552 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | 0.0000 | 728.0532 | 728.0532 | 0.6933 | 0.0000 | 745.3858 |

West Broadway Future_Default - Sacramento County, Summer

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 18.3031 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 117.7012 | | | | | 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 | 12.0509 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | | 728.0532 | 728.0532 | 0.6933 | | 745.3858 |
| Total | 148.0552 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | 0.0000 | 728.0532 | 728.0532 | 0.6933 | 0.0000 | 745.3858 |

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

West Broadway Future_Default - Sacramento County, Summer

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

User Defined Equipment

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

11.0 Vegetation

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

**West Broadway Future_VMT Adj_incl Project Features
Sacramento County, Annual**

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|--------------------------|----------|---------------|-------------|--------------------|------------|
| Elementary School | 99.50 | 1000sqft | 2.28 | 99,500.00 | 0 |
| General Light Industry | 185.20 | 1000sqft | 4.25 | 185,200.00 | 0 |
| City Park | 79.50 | Acre | 79.50 | 3,463,020.00 | 0 |
| Racquet Club | 63.00 | 1000sqft | 1.45 | 63,000.00 | 0 |
| Apartments Low Rise | 1,665.00 | Dwelling Unit | 104.06 | 1,665,000.00 | 4446 |
| Apartments Mid Rise | 3,085.00 | Dwelling Unit | 81.18 | 3,085,000.00 | 8237 |
| Condo/Townhouse | 150.00 | Dwelling Unit | 9.38 | 150,000.00 | 401 |
| Regional Shopping Center | 244.02 | 1000sqft | 5.60 | 244,020.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|---------------------------------|---------------------------------------|---------------------------------|-------|----------------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.5 | Precipitation Freq (Days) | 58 |
| Climate Zone | 6 | | | Operational Year | 2035 |
| Utility Company | Sacramento Municipal Utility District | | | | |
| CO2 Intensity (lb/MW hr) | 143.85 | CH4 Intensity (lb/MW hr) | 0.029 | N2O Intensity (lb/MW hr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

Mobile Land Use Mitigation -
Area Mitigation -

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| Table Name | Column Name | Default Value | New Value |
|---------------------------|--------------------|---------------|-----------|
| tblEnergyUse | T24E | 511.12 | 240.23 |
| tblEnergyUse | T24E | 460.92 | 428.66 |
| tblEnergyUse | T24E | 381.61 | 354.90 |
| tblEnergyUse | T24E | 3.41 | 2.39 |
| tblEnergyUse | T24E | 3.26 | 2.28 |
| tblEnergyUse | T24NG | 9,411.72 | 8,188.20 |
| tblEnergyUse | T24NG | 7,061.10 | 6,143.16 |
| tblEnergyUse | T24NG | 17,864.25 | 15,541.90 |
| tblProjectCharacteristics | CO2IntensityFactor | 590.31 | 143.85 |
| tblVehicleTrips | HW_TL | 10.00 | 1.10 |
| tblVehicleTrips | HW_TL | 10.00 | 4.47 |

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 | | | | | |
| 2020 | 0.4447 | 4.4848 | 2.9336 | 5.5800e-003 | 0.1254 | 0.2179 | 0.3433 | 0.0217 | 0.2025 | 0.2242 | 0.0000 | 492.9156 | 492.9156 | 0.1281 | 0.0000 | 496.1183 |
| 2021 | 0.5087 | 5.2624 | 3.0406 | 5.7100e-003 | 2.4108 | 0.2563 | 2.6671 | 1.0400 | 0.2361 | 1.2761 | 0.0000 | 502.3455 | 502.3455 | 0.1541 | 0.0000 | 506.1974 |
| 2022 | 0.4796 | 5.0549 | 3.8359 | 8.2400e-003 | 1.4184 | 0.2127 | 1.6311 | 0.5020 | 0.1957 | 0.6976 | 0.0000 | 724.7075 | 724.7075 | 0.2297 | 0.0000 | 730.4493 |
| 2023 | 1.2582 | 8.7494 | 9.8508 | 0.0367 | 3.3302 | 0.1691 | 3.4993 | 0.9346 | 0.1565 | 1.0911 | 0.0000 | 3,381.914 3 | 3,381.914 3 | 0.2721 | 0.0000 | 3,388.716 2 |

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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 | | | | | |
| 2024 | 2.4778 | 15.4216 | 18.8553 | 0.0825 | 5.9193 | 0.1303 | 6.0496 | 1.5953 | 0.1222 | 1.7175 | 0.0000 | 7,659.979 2 | 7,659.979 2 | 0.3334 | 0.0000 | 7,668.313 2 |
| 2025 | 2.3332 | 14.9008 | 17.6099 | 0.0803 | 5.8966 | 0.1171 | 6.0138 | 1.5891 | 0.1098 | 1.6990 | 0.0000 | 7,458.451 2 | 7,458.451 2 | 0.3220 | 0.0000 | 7,466.499 9 |
| 2026 | 2.2257 | 14.5924 | 16.6078 | 0.0786 | 5.8966 | 0.1153 | 6.0119 | 1.5891 | 0.1081 | 1.6972 | 0.0000 | 7,303.708 0 | 7,303.708 0 | 0.3134 | 0.0000 | 7,311.5434 |
| 2027 | 2.1217 | 14.3107 | 15.7078 | 0.0770 | 5.8965 | 0.1130 | 6.0095 | 1.5891 | 0.1060 | 1.6950 | 0.0000 | 7,164.330 7 | 7,164.330 7 | 0.3056 | 0.0000 | 7,171.970 2 |
| 2028 | 2.0079 | 14.0142 | 14.8617 | 0.0753 | 5.8739 | 0.1100 | 5.9838 | 1.5830 | 0.1031 | 1.6861 | 0.0000 | 7,014.240 4 | 7,014.240 4 | 0.2974 | 0.0000 | 7,021.674 9 |
| 2029 | 1.9017 | 13.8384 | 14.1738 | 0.0744 | 5.8964 | 0.1078 | 6.0042 | 1.5891 | 0.1011 | 1.6902 | 0.0000 | 6,931.744 3 | 6,931.744 3 | 0.2917 | 0.0000 | 6,939.037 5 |
| 2030 | 1.7846 | 13.0338 | 13.5195 | 0.0739 | 5.8964 | 0.0559 | 5.9522 | 1.5890 | 0.0534 | 1.6425 | 0.0000 | 6,875.519 3 | 6,875.519 3 | 0.2280 | 0.0000 | 6,881.219 4 |
| 2031 | 1.6701 | 12.8385 | 12.8956 | 0.0729 | 5.8963 | 0.0536 | 5.9499 | 1.5890 | 0.0513 | 1.6403 | 0.0000 | 6,791.105 4 | 6,791.105 4 | 0.2222 | 0.0000 | 6,796.660 7 |
| 2032 | 1.5743 | 12.7095 | 12.3985 | 0.0724 | 5.9189 | 0.0518 | 5.9707 | 1.5951 | 0.0496 | 1.6447 | 0.0000 | 6,743.912 4 | 6,743.912 4 | 0.2180 | 0.0000 | 6,749.361 9 |
| 2033 | 1.4794 | 12.4586 | 11.8468 | 0.0711 | 5.8737 | 0.0496 | 5.9233 | 1.5829 | 0.0476 | 1.6305 | 0.0000 | 6,629.699 6 | 6,629.699 6 | 0.2120 | 0.0000 | 6,635.000 5 |
| 2034 | 1.4062 | 12.3190 | 11.4158 | 0.0705 | 5.8736 | 0.0479 | 5.9216 | 1.5829 | 0.0460 | 1.6289 | 0.0000 | 6,575.693 4 | 6,575.693 4 | 0.2080 | 0.0000 | 6,580.894 3 |
| 2035 | 1.3358 | 12.1449 | 11.0853 | 0.0703 | 5.8962 | 0.0391 | 5.9353 | 1.5890 | 0.0373 | 1.6262 | 0.0000 | 6,555.053 7 | 6,555.053 7 | 0.2043 | 0.0000 | 6,560.162 2 |
| 2036 | 1.3409 | 12.1914 | 11.1277 | 0.0706 | 5.9188 | 0.0392 | 5.9580 | 1.5951 | 0.0374 | 1.6325 | 0.0000 | 6,580.168 8 | 6,580.168 8 | 0.2051 | 0.0000 | 6,585.296 9 |
| 2037 | 1.3358 | 12.1449 | 11.0853 | 0.0703 | 5.8962 | 0.0391 | 5.9353 | 1.5890 | 0.0373 | 1.6262 | 0.0000 | 6,555.053 7 | 6,555.053 7 | 0.2043 | 0.0000 | 6,560.162 2 |
| 2038 | 1.3358 | 12.1449 | 11.0853 | 0.0703 | 5.8962 | 0.0391 | 5.9353 | 1.5890 | 0.0373 | 1.6262 | 0.0000 | 6,555.053 7 | 6,555.053 7 | 0.2043 | 0.0000 | 6,560.162 2 |
| 2039 | 1.3307 | 12.0983 | 11.0428 | 0.0700 | 5.8736 | 0.0389 | 5.9125 | 1.5829 | 0.0371 | 1.6200 | 0.0000 | 6,529.938 5 | 6,529.938 5 | 0.2036 | 0.0000 | 6,535.027 5 |
| 2040 | 1.1018 | 11.7134 | 9.9419 | 0.0688 | 5.8961 | 0.0322 | 5.9283 | 1.5890 | 0.0307 | 1.6197 | 0.0000 | 6,421.951 0 | 6,421.951 0 | 0.1922 | 0.0000 | 6,426.755 4 |
| 2041 | 0.5641 | 5.4717 | 5.5743 | 0.0327 | 2.6285 | 0.0228 | 2.6513 | 0.7083 | 0.0221 | 0.7304 | 0.0000 | 3,033.251 7 | 3,033.251 7 | 0.0913 | 0.0000 | 3,035.534 7 |

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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 | 7.8331 | 0.3882 | 1.8685 | 4.5100e-003 | 0.3007 | 0.0118 | 0.3125 | 0.0800 | 0.0118 | 0.0917 | 0.0000 | 395.6425 | 395.6425 | 9.2700e-003 | 0.0000 | 395.8742 |
| 2043 | 25.8618 | 0.1645 | 1.3167 | 6.1900e-003 | 0.9710 | 3.4400e-003 | 0.9744 | 0.2583 | 3.2400e-003 | 0.2615 | 0.0000 | 558.7927 | 558.7927 | 5.7700e-003 | 0.0000 | 558.9369 |
| Maximum | 25.8618 | 15.4216 | 18.8553 | 0.0825 | 5.9193 | 0.2563 | 6.0496 | 1.5953 | 0.2361 | 1.7175 | 0.0000 | 7,659.979 2 | 7,659.979 2 | 0.3334 | 0.0000 | 7,668.313 2 |

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 | | | | | |
| 2020 | 0.4447 | 4.4848 | 2.9335 | 5.5800e-003 | 0.1254 | 0.2179 | 0.3433 | 0.0217 | 0.2025 | 0.2242 | 0.0000 | 492.9151 | 492.9151 | 0.1281 | 0.0000 | 496.1178 |
| 2021 | 0.5087 | 5.2624 | 3.0406 | 5.7100e-003 | 2.4108 | 0.2563 | 2.6671 | 1.0400 | 0.2361 | 1.2761 | 0.0000 | 502.3450 | 502.3450 | 0.1541 | 0.0000 | 506.1968 |
| 2022 | 0.4796 | 5.0549 | 3.8359 | 8.2400e-003 | 1.4184 | 0.2127 | 1.6311 | 0.5020 | 0.1957 | 0.6976 | 0.0000 | 724.7066 | 724.7066 | 0.2297 | 0.0000 | 730.4485 |
| 2023 | 1.2582 | 8.7494 | 9.8508 | 0.0367 | 3.3302 | 0.1691 | 3.4993 | 0.9346 | 0.1565 | 1.0911 | 0.0000 | 3,381.913 6 | 3,381.913 6 | 0.2721 | 0.0000 | 3,388.715 5 |
| 2024 | 2.4778 | 15.4216 | 18.8553 | 0.0825 | 5.9193 | 0.1303 | 6.0496 | 1.5953 | 0.1222 | 1.7175 | 0.0000 | 7,659.978 8 | 7,659.978 8 | 0.3334 | 0.0000 | 7,668.312 8 |
| 2025 | 2.3332 | 14.9008 | 17.6099 | 0.0803 | 5.8966 | 0.1171 | 6.0138 | 1.5891 | 0.1098 | 1.6990 | 0.0000 | 7,458.450 9 | 7,458.450 9 | 0.3220 | 0.0000 | 7,466.499 6 |
| 2026 | 2.2257 | 14.5924 | 16.6078 | 0.0786 | 5.8966 | 0.1153 | 6.0119 | 1.5891 | 0.1081 | 1.6972 | 0.0000 | 7,303.707 6 | 7,303.707 6 | 0.3134 | 0.0000 | 7,311.543 1 |
| 2027 | 2.1217 | 14.3107 | 15.7078 | 0.0770 | 5.8965 | 0.1130 | 6.0095 | 1.5891 | 0.1060 | 1.6950 | 0.0000 | 7,164.330 4 | 7,164.330 4 | 0.3056 | 0.0000 | 7,171.969 8 |
| 2028 | 2.0079 | 14.0142 | 14.8617 | 0.0753 | 5.8739 | 0.1100 | 5.9838 | 1.5830 | 0.1031 | 1.6861 | 0.0000 | 7,014.240 0 | 7,014.240 0 | 0.2974 | 0.0000 | 7,021.674 5 |

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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 | | | | | |
| 2029 | 1.9017 | 13.8384 | 14.1738 | 0.0744 | 5.8964 | 0.1078 | 6.0042 | 1.5891 | 0.1011 | 1.6902 | 0.0000 | 6,931.744 0 | 6,931.744 0 | 0.2917 | 0.0000 | 6,939.037 1 |
| 2030 | 1.7846 | 13.0338 | 13.5195 | 0.0739 | 5.8964 | 0.0559 | 5.9522 | 1.5890 | 0.0534 | 1.6425 | 0.0000 | 6,875.518 9 | 6,875.518 9 | 0.2280 | 0.0000 | 6,881.219 0 |
| 2031 | 1.6701 | 12.8385 | 12.8956 | 0.0729 | 5.8963 | 0.0536 | 5.9499 | 1.5890 | 0.0513 | 1.6403 | 0.0000 | 6,791.105 0 | 6,791.105 0 | 0.2222 | 0.0000 | 6,796.660 3 |
| 2032 | 1.5743 | 12.7095 | 12.3985 | 0.0724 | 5.9189 | 0.0518 | 5.9707 | 1.5951 | 0.0496 | 1.6447 | 0.0000 | 6,743.912 0 | 6,743.912 0 | 0.2180 | 0.0000 | 6,749.361 5 |
| 2033 | 1.4794 | 12.4586 | 11.8468 | 0.0711 | 5.8737 | 0.0496 | 5.9233 | 1.5829 | 0.0476 | 1.6305 | 0.0000 | 6,629.699 2 | 6,629.699 2 | 0.2120 | 0.0000 | 6,635.000 1 |
| 2034 | 1.4062 | 12.3190 | 11.4158 | 0.0705 | 5.8736 | 0.0479 | 5.9216 | 1.5829 | 0.0460 | 1.6289 | 0.0000 | 6,575.693 0 | 6,575.693 0 | 0.2080 | 0.0000 | 6,580.893 9 |
| 2035 | 1.3358 | 12.1449 | 11.0853 | 0.0703 | 5.8962 | 0.0391 | 5.9353 | 1.5890 | 0.0373 | 1.6262 | 0.0000 | 6,555.053 3 | 6,555.053 3 | 0.2043 | 0.0000 | 6,560.161 8 |
| 2036 | 1.3409 | 12.1914 | 11.1277 | 0.0706 | 5.9188 | 0.0392 | 5.9580 | 1.5951 | 0.0374 | 1.6325 | 0.0000 | 6,580.168 4 | 6,580.168 4 | 0.2051 | 0.0000 | 6,585.296 5 |
| 2037 | 1.3358 | 12.1449 | 11.0853 | 0.0703 | 5.8962 | 0.0391 | 5.9353 | 1.5890 | 0.0373 | 1.6262 | 0.0000 | 6,555.053 3 | 6,555.053 3 | 0.2043 | 0.0000 | 6,560.161 8 |
| 2038 | 1.3358 | 12.1449 | 11.0853 | 0.0703 | 5.8962 | 0.0391 | 5.9353 | 1.5890 | 0.0373 | 1.6262 | 0.0000 | 6,555.053 3 | 6,555.053 3 | 0.2043 | 0.0000 | 6,560.161 8 |
| 2039 | 1.3307 | 12.0983 | 11.0428 | 0.0700 | 5.8736 | 0.0389 | 5.9125 | 1.5829 | 0.0371 | 1.6200 | 0.0000 | 6,529.938 1 | 6,529.938 1 | 0.2036 | 0.0000 | 6,535.027 0 |
| 2040 | 1.1018 | 11.7134 | 9.9418 | 0.0688 | 5.8961 | 0.0322 | 5.9283 | 1.5890 | 0.0307 | 1.6197 | 0.0000 | 6,421.950 6 | 6,421.950 6 | 0.1922 | 0.0000 | 6,426.755 0 |
| 2041 | 0.5641 | 5.4717 | 5.5743 | 0.0327 | 2.6285 | 0.0228 | 2.6513 | 0.7083 | 0.0221 | 0.7304 | 0.0000 | 3,033.251 3 | 3,033.251 3 | 0.0913 | 0.0000 | 3,035.534 4 |
| 2042 | 7.8331 | 0.3882 | 1.8685 | 4.5100e-003 | 0.3007 | 0.0118 | 0.3125 | 0.0800 | 0.0118 | 0.0917 | 0.0000 | 395.6422 | 395.6422 | 9.2700e-003 | 0.0000 | 395.8739 |
| 2043 | 25.8618 | 0.1645 | 1.3167 | 6.1900e-003 | 0.9710 | 3.4400e-003 | 0.9744 | 0.2583 | 3.2400e-003 | 0.2615 | 0.0000 | 558.7927 | 558.7927 | 5.7700e-003 | 0.0000 | 558.9368 |
| Maximum | 25.8618 | 15.4216 | 18.8553 | 0.0825 | 5.9193 | 0.2563 | 6.0496 | 1.5953 | 0.2361 | 1.7175 | 0.0000 | 7,659.978 8 | 7,659.978 8 | 0.3334 | 0.0000 | 7,668.312 8 |

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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 |
|-------------------|------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|------|------|------|
| Percent Reduction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 1-1-2020 | 3-31-2020 | 1.2234 | 1.2234 |
| 2 | 4-1-2020 | 6-30-2020 | 1.2220 | 1.2220 |
| 3 | 7-1-2020 | 9-30-2020 | 1.2354 | 1.2354 |
| 4 | 10-1-2020 | 12-31-2020 | 1.2369 | 1.2369 |
| 5 | 1-1-2021 | 3-31-2021 | 1.2595 | 1.2595 |
| 6 | 4-1-2021 | 6-30-2021 | 1.4461 | 1.4461 |
| 7 | 7-1-2021 | 9-30-2021 | 1.4620 | 1.4620 |
| 8 | 10-1-2021 | 12-31-2021 | 1.5931 | 1.5931 |
| 9 | 1-1-2022 | 3-31-2022 | 1.3687 | 1.3687 |
| 10 | 4-1-2022 | 6-30-2022 | 1.3839 | 1.3839 |
| 11 | 7-1-2022 | 9-30-2022 | 1.3991 | 1.3991 |
| 12 | 10-1-2022 | 12-31-2022 | 1.3992 | 1.3992 |
| 13 | 1-1-2023 | 3-31-2023 | 1.2196 | 1.2196 |
| 14 | 4-1-2023 | 6-30-2023 | 1.2331 | 1.2331 |
| 15 | 7-1-2023 | 9-30-2023 | 2.9518 | 2.9518 |
| 16 | 10-1-2023 | 12-31-2023 | 4.7158 | 4.7158 |
| 17 | 1-1-2024 | 3-31-2024 | 4.5005 | 4.5005 |
| 18 | 4-1-2024 | 6-30-2024 | 4.4467 | 4.4467 |
| 19 | 7-1-2024 | 9-30-2024 | 4.4955 | 4.4955 |
| 20 | 10-1-2024 | 12-31-2024 | 4.5500 | 4.5500 |
| 21 | 1-1-2025 | 3-31-2025 | 4.2998 | 4.2998 |
| 22 | 4-1-2025 | 6-30-2025 | 4.2975 | 4.2975 |
| 23 | 7-1-2025 | 9-30-2025 | 4.3447 | 4.3447 |

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| | | | | |
|----|-----------|------------|--------|--------|
| 24 | 10-1-2025 | 12-31-2025 | 4.3953 | 4.3953 |
| 25 | 1-1-2026 | 3-31-2026 | 4.1940 | 4.1940 |
| 26 | 4-1-2026 | 6-30-2026 | 4.1933 | 4.1933 |
| 27 | 7-1-2026 | 9-30-2026 | 4.2394 | 4.2394 |
| 28 | 10-1-2026 | 12-31-2026 | 4.2872 | 4.2872 |
| 29 | 1-1-2027 | 3-31-2027 | 4.0957 | 4.0957 |
| 30 | 4-1-2027 | 6-30-2027 | 4.0966 | 4.0966 |
| 31 | 7-1-2027 | 9-30-2027 | 4.1416 | 4.1416 |
| 32 | 10-1-2027 | 12-31-2027 | 4.1867 | 4.1867 |
| 33 | 1-1-2028 | 3-31-2028 | 4.0511 | 4.0511 |
| 34 | 4-1-2028 | 6-30-2028 | 4.0087 | 4.0087 |
| 35 | 7-1-2028 | 9-30-2028 | 4.0527 | 4.0527 |
| 36 | 10-1-2028 | 12-31-2028 | 4.0956 | 4.0956 |
| 37 | 1-1-2029 | 3-31-2029 | 3.9186 | 3.9186 |
| 38 | 4-1-2029 | 6-30-2029 | 3.9217 | 3.9217 |
| 39 | 7-1-2029 | 9-30-2029 | 3.9648 | 3.9648 |
| 40 | 10-1-2029 | 12-31-2029 | 4.0057 | 4.0057 |
| 41 | 1-1-2030 | 3-31-2030 | 3.6884 | 3.6884 |
| 42 | 4-1-2030 | 6-30-2030 | 3.6905 | 3.6905 |
| 43 | 7-1-2030 | 9-30-2030 | 3.7311 | 3.7311 |
| 44 | 10-1-2030 | 12-31-2030 | 3.7704 | 3.7704 |
| 45 | 1-1-2031 | 3-31-2031 | 3.6088 | 3.6088 |
| 46 | 4-1-2031 | 6-30-2031 | 3.6116 | 3.6116 |
| 47 | 7-1-2031 | 9-30-2031 | 3.6512 | 3.6512 |
| 48 | 10-1-2031 | 12-31-2031 | 3.6890 | 3.6890 |
| 49 | 1-1-2032 | 3-31-2032 | 3.5765 | 3.5765 |
| 50 | 4-1-2032 | 6-30-2032 | 3.5401 | 3.5401 |

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|----|-----------|------------|--------|--------|
| 51 | 7-1-2032 | 9-30-2032 | 3.5790 | 3.5790 |
| 52 | 10-1-2032 | 12-31-2032 | 3.6158 | 3.6158 |
| 53 | 1-1-2033 | 3-31-2033 | 3.4764 | 3.4764 |
| 54 | 4-1-2033 | 6-30-2033 | 3.4793 | 3.4793 |
| 55 | 7-1-2033 | 9-30-2033 | 3.5175 | 3.5175 |
| 56 | 10-1-2033 | 12-31-2033 | 3.5537 | 3.5537 |
| 57 | 1-1-2034 | 3-31-2034 | 3.4219 | 3.4219 |
| 58 | 4-1-2034 | 6-30-2034 | 3.4241 | 3.4241 |
| 59 | 7-1-2034 | 9-30-2034 | 3.4617 | 3.4617 |
| 60 | 10-1-2034 | 12-31-2034 | 3.4980 | 3.4980 |
| 61 | 1-1-2035 | 3-31-2035 | 3.3472 | 3.3472 |
| 62 | 4-1-2035 | 6-30-2035 | 3.3483 | 3.3483 |
| 63 | 7-1-2035 | 9-30-2035 | 3.3851 | 3.3851 |
| 64 | 10-1-2035 | 12-31-2035 | 3.4216 | 3.4216 |
| 65 | 1-1-2036 | 3-31-2036 | 3.3844 | 3.3844 |
| 66 | 4-1-2036 | 6-30-2036 | 3.3483 | 3.3483 |
| 67 | 7-1-2036 | 9-30-2036 | 3.3851 | 3.3851 |
| 68 | 10-1-2036 | 12-31-2036 | 3.4216 | 3.4216 |
| 69 | 1-1-2037 | 3-31-2037 | 3.3472 | 3.3472 |
| 70 | 4-1-2037 | 6-30-2037 | 3.3483 | 3.3483 |
| 71 | 7-1-2037 | 9-30-2037 | 3.3851 | 3.3851 |
| 72 | 10-1-2037 | 12-31-2037 | 3.4216 | 3.4216 |
| 73 | 1-1-2038 | 3-31-2038 | 3.3472 | 3.3472 |
| 74 | 4-1-2038 | 6-30-2038 | 3.3483 | 3.3483 |
| 75 | 7-1-2038 | 9-30-2038 | 3.3851 | 3.3851 |
| 76 | 10-1-2038 | 12-31-2038 | 3.4216 | 3.4216 |
| 77 | 1-1-2039 | 3-31-2039 | 3.3472 | 3.3472 |

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| | | | | |
|----|-----------|------------|--------|--------|
| 78 | 4-1-2039 | 6-30-2039 | 3.3483 | 3.3483 |
| 79 | 7-1-2039 | 9-30-2039 | 3.3851 | 3.3851 |
| 80 | 10-1-2039 | 12-31-2039 | 3.4216 | 3.4216 |
| 81 | 1-1-2040 | 3-31-2040 | 3.2133 | 3.2133 |
| 82 | 4-1-2040 | 6-30-2040 | 3.1753 | 3.1753 |
| 83 | 7-1-2040 | 9-30-2040 | 3.2102 | 3.2102 |
| 84 | 10-1-2040 | 12-31-2040 | 3.2486 | 3.2486 |
| 85 | 1-1-2041 | 3-31-2041 | 3.1780 | 3.1780 |
| 86 | 4-1-2041 | 6-30-2041 | 2.5442 | 2.5442 |
| 87 | 7-1-2041 | 9-30-2041 | 0.1542 | 0.1542 |
| 88 | 10-1-2041 | 12-31-2041 | 0.1542 | 0.1542 |
| 89 | 1-1-2042 | 3-31-2042 | 0.1509 | 0.1509 |
| 90 | 4-1-2042 | 6-30-2042 | 0.1525 | 0.1525 |
| 91 | 7-1-2042 | 9-30-2042 | 1.1558 | 1.1558 |
| 92 | 10-1-2042 | 12-31-2042 | 6.7389 | 6.7389 |
| 93 | 1-1-2043 | 3-31-2043 | 6.5924 | 6.5924 |
| 94 | 4-1-2043 | 6-30-2043 | 6.6628 | 6.6628 |
| 95 | 7-1-2043 | 9-30-2043 | 6.7360 | 6.7360 |
| | | Highest | 6.7389 | 6.7389 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento 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 | 26.3271 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |
| Energy | 0.3225 | 2.7905 | 1.4258 | 0.0176 | | 0.2228 | 0.2228 | | 0.2228 | 0.2228 | 0.0000 | 5,009.1031 | 5,009.1031 | 0.4276 | 0.1343 | 5,059.8182 |
| Mobile | 5.6692 | 29.7395 | 54.1924 | 0.2377 | 26.7438 | 0.1271 | 26.8710 | 7.1605 | 0.1181 | 7.2786 | 0.0000 | 22,018.6311 | 22,018.6311 | 0.8863 | 0.0000 | 22,040.7880 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 656.7082 | 0.0000 | 656.7082 | 38.8104 | 0.0000 | 1,626.9669 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 136.8393 | 198.0850 | 334.9243 | 0.5109 | 0.3058 | 438.8385 |
| Total | 32.3189 | 33.1111 | 105.9811 | 0.2579 | 26.7438 | 0.6302 | 27.3741 | 7.1605 | 0.6212 | 7.7817 | 793.5476 | 27,308.3790 | 28,101.9266 | 40.7137 | 0.4402 | 29,250.9370 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento 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 | 26.3271 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |
| Energy | 0.3225 | 2.7905 | 1.4258 | 0.0176 | | 0.2228 | 0.2228 | | 0.2228 | 0.2228 | 0.0000 | 5,009.1031 | 5,009.1031 | 0.4276 | 0.1343 | 5,059.8182 |
| Mobile | 5.6491 | 29.6410 | 53.7260 | 0.2351 | 26.4229 | 0.1259 | 26.5489 | 7.0746 | 0.1170 | 7.1915 | 0.0000 | 21,783.7369 | 21,783.7369 | 0.8793 | 0.0000 | 21,805.7200 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 656.7082 | 0.0000 | 656.7082 | 38.8104 | 0.0000 | 1,626.9669 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 136.8393 | 198.0850 | 334.9243 | 0.5109 | 0.3058 | 438.8385 |
| Total | 32.2987 | 33.0125 | 105.5146 | 0.2554 | 26.4229 | 0.6290 | 27.0519 | 7.0746 | 0.6201 | 7.6946 | 793.5476 | 27,073.4848 | 27,867.0324 | 40.7068 | 0.4402 | 29,015.8690 |

| | ROG | NOx | CO | SO2 | 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 | 0.30 | 0.44 | 0.98 | 1.20 | 0.19 | 1.18 | 1.20 | 0.18 | 1.12 | 0.00 | 0.86 | 0.84 | 0.02 | 0.00 | 0.80 |

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 | Demolition | Demolition | 1/1/2020 | 2/23/2021 | 5 | 300 | |
| 2 | Site Preparation | Site Preparation | 2/24/2021 | 11/2/2021 | 5 | 180 | |
| 3 | Grading | Grading | 11/3/2021 | 8/15/2023 | 5 | 465 | |
| 4 | Building Construction | Building Construction | 8/16/2023 | 6/11/2041 | 5 | 4650 | |
| 5 | Paving | Paving | 6/12/2041 | 9/16/2042 | 5 | 330 | |
| 6 | Architectural Coating | Architectural Coating | 9/17/2042 | 12/22/2043 | 5 | 330 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 887,580; Non-Residential Outdoor: 295,860; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Demolition | Excavators | 3 | 8.00 | 158 | 0.38 |
| Demolition | Rubber Tired Dozers | 2 | 8.00 | 247 | 0.40 |
| 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

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

| 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 |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition | 6 | 15.00 | 0.00 | 1,040.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 5,207.00 | 1,188.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 1,041.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 0.1025 | 0.0000 | 0.1025 | 0.0155 | 0.0000 | 0.0155 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4339 | 4.3493 | 2.8497 | 5.0800e-003 | | 0.2173 | 0.2173 | | 0.2020 | 0.2020 | 0.0000 | 445.3818 | 445.3818 | 0.1257 | 0.0000 | 448.5250 |
| Total | 0.4339 | 4.3493 | 2.8497 | 5.0800e-003 | 0.1025 | 0.2173 | 0.3198 | 0.0155 | 0.2020 | 0.2175 | 0.0000 | 445.3818 | 445.3818 | 0.1257 | 0.0000 | 448.5250 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.2 Demolition - 2020

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 3.4900e-003 | 0.1305 | 0.0295 | 3.6000e-004 | 8.5000e-003 | 4.7000e-004 | 8.9700e-003 | 2.3100e-003 | 4.5000e-004 | 2.7600e-003 | 0.0000 | 34.7469 | 34.7469 | 2.0200e-003 | 0.0000 | 34.7974 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.3100e-003 | 4.9600e-003 | 0.0544 | 1.4000e-004 | 0.0144 | 1.0000e-004 | 0.0145 | 3.8400e-003 | 1.0000e-004 | 3.9300e-003 | 0.0000 | 12.7870 | 12.7870 | 3.6000e-004 | 0.0000 | 12.7960 |
| Total | 0.0108 | 0.1354 | 0.0839 | 5.0000e-004 | 0.0229 | 5.7000e-004 | 0.0235 | 6.1500e-003 | 5.5000e-004 | 6.6900e-003 | 0.0000 | 47.5338 | 47.5338 | 2.3800e-003 | 0.0000 | 47.5934 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 0.1025 | 0.0000 | 0.1025 | 0.0155 | 0.0000 | 0.0155 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4339 | 4.3493 | 2.8497 | 5.0800e-003 | | 0.2173 | 0.2173 | | 0.2020 | 0.2020 | 0.0000 | 445.3812 | 445.3812 | 0.1257 | 0.0000 | 448.5244 |
| Total | 0.4339 | 4.3493 | 2.8497 | 5.0800e-003 | 0.1025 | 0.2173 | 0.3198 | 0.0155 | 0.2020 | 0.2175 | 0.0000 | 445.3812 | 445.3812 | 0.1257 | 0.0000 | 448.5244 |

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3.2 Demolition - 2020

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 3.4900e-003 | 0.1305 | 0.0295 | 3.6000e-004 | 8.5000e-003 | 4.7000e-004 | 8.9700e-003 | 2.3100e-003 | 4.5000e-004 | 2.7600e-003 | 0.0000 | 34.7469 | 34.7469 | 2.0200e-003 | 0.0000 | 34.7974 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.3100e-003 | 4.9600e-003 | 0.0544 | 1.4000e-004 | 0.0144 | 1.0000e-004 | 0.0145 | 3.8400e-003 | 1.0000e-004 | 3.9300e-003 | 0.0000 | 12.7870 | 12.7870 | 3.6000e-004 | 0.0000 | 12.7960 |
| Total | 0.0108 | 0.1354 | 0.0839 | 5.0000e-004 | 0.0229 | 5.7000e-004 | 0.0235 | 6.1500e-003 | 5.5000e-004 | 6.6900e-003 | 0.0000 | 47.5338 | 47.5338 | 2.3800e-003 | 0.0000 | 47.5934 |

3.2 Demolition - 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 | | | | | 0.0149 | 0.0000 | 0.0149 | 2.2500e-003 | 0.0000 | 2.2500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0601 | 0.5974 | 0.4097 | 7.4000e-004 | | 0.0295 | 0.0295 | | 0.0274 | 0.0274 | 0.0000 | 64.6015 | 64.6015 | 0.0182 | 0.0000 | 65.0561 |
| Total | 0.0601 | 0.5974 | 0.4097 | 7.4000e-004 | 0.0149 | 0.0295 | 0.0444 | 2.2500e-003 | 0.0274 | 0.0296 | 0.0000 | 64.6015 | 64.6015 | 0.0182 | 0.0000 | 65.0561 |

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3.2 Demolition - 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 | 4.7000e-004 | 0.0174 | 3.9700e-003 | 5.0000e-005 | 6.8800e-003 | 6.0000e-005 | 6.9400e-003 | 1.7200e-003 | 6.0000e-005 | 1.7800e-003 | 0.0000 | 4.9811 | 4.9811 | 2.9000e-004 | 0.0000 | 4.9883 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.9000e-004 | 6.4000e-004 | 7.2100e-003 | 2.0000e-005 | 2.0900e-003 | 1.0000e-005 | 2.1100e-003 | 5.6000e-004 | 1.0000e-005 | 5.7000e-004 | 0.0000 | 1.7915 | 1.7915 | 5.0000e-005 | 0.0000 | 1.7926 |
| Total | 1.4600e-003 | 0.0180 | 0.0112 | 7.0000e-005 | 8.9700e-003 | 7.0000e-005 | 9.0500e-003 | 2.2800e-003 | 7.0000e-005 | 2.3500e-003 | 0.0000 | 6.7725 | 6.7725 | 3.4000e-004 | 0.0000 | 6.7809 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 0.0149 | 0.0000 | 0.0149 | 2.2500e-003 | 0.0000 | 2.2500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0601 | 0.5974 | 0.4097 | 7.4000e-004 | | 0.0295 | 0.0295 | | 0.0274 | 0.0274 | 0.0000 | 64.6014 | 64.6014 | 0.0182 | 0.0000 | 65.0560 |
| Total | 0.0601 | 0.5974 | 0.4097 | 7.4000e-004 | 0.0149 | 0.0295 | 0.0444 | 2.2500e-003 | 0.0274 | 0.0296 | 0.0000 | 64.6014 | 64.6014 | 0.0182 | 0.0000 | 65.0560 |

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3.2 Demolition - 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 | 4.7000e-004 | 0.0174 | 3.9700e-003 | 5.0000e-005 | 6.8800e-003 | 6.0000e-005 | 6.9400e-003 | 1.7200e-003 | 6.0000e-005 | 1.7800e-003 | 0.0000 | 4.9811 | 4.9811 | 2.9000e-004 | 0.0000 | 4.9883 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.9000e-004 | 6.4000e-004 | 7.2100e-003 | 2.0000e-005 | 2.0900e-003 | 1.0000e-005 | 2.1100e-003 | 5.6000e-004 | 1.0000e-005 | 5.7000e-004 | 0.0000 | 1.7915 | 1.7915 | 5.0000e-005 | 0.0000 | 1.7926 |
| Total | 1.4600e-003 | 0.0180 | 0.0112 | 7.0000e-005 | 8.9700e-003 | 7.0000e-005 | 9.0500e-003 | 2.2800e-003 | 7.0000e-005 | 2.3500e-003 | 0.0000 | 6.7725 | 6.7725 | 3.4000e-004 | 0.0000 | 6.7809 |

3.3 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 | | | | | 1.6260 | 0.0000 | 1.6260 | 0.8938 | 0.0000 | 0.8938 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3499 | 3.6447 | 1.9039 | 3.4200e-003 | | 0.1840 | 0.1840 | | 0.1693 | 0.1693 | 0.0000 | 300.9215 | 300.9215 | 0.0973 | 0.0000 | 303.3546 |
| Total | 0.3499 | 3.6447 | 1.9039 | 3.4200e-003 | 1.6260 | 0.1840 | 1.8100 | 0.8938 | 0.1693 | 1.0630 | 0.0000 | 300.9215 | 300.9215 | 0.0973 | 0.0000 | 303.3546 |

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3.3 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 | 5.6100e-003 | 3.6700e-003 | 0.0410 | 1.1000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 8.0000e-005 | 3.2400e-003 | 0.0000 | 10.1830 | 10.1830 | 2.7000e-004 | 0.0000 | 10.1897 |
| Total | 5.6100e-003 | 3.6700e-003 | 0.0410 | 1.1000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 8.0000e-005 | 3.2400e-003 | 0.0000 | 10.1830 | 10.1830 | 2.7000e-004 | 0.0000 | 10.1897 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 1.6260 | 0.0000 | 1.6260 | 0.8938 | 0.0000 | 0.8938 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3499 | 3.6447 | 1.9039 | 3.4200e-003 | | 0.1840 | 0.1840 | | 0.1693 | 0.1693 | 0.0000 | 300.9211 | 300.9211 | 0.0973 | 0.0000 | 303.3542 |
| Total | 0.3499 | 3.6447 | 1.9039 | 3.4200e-003 | 1.6260 | 0.1840 | 1.8100 | 0.8938 | 0.1693 | 1.0630 | 0.0000 | 300.9211 | 300.9211 | 0.0973 | 0.0000 | 303.3542 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.3 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 | 5.6100e-003 | 3.6700e-003 | 0.0410 | 1.1000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 8.0000e-005 | 3.2400e-003 | 0.0000 | 10.1830 | 10.1830 | 2.7000e-004 | 0.0000 | 10.1897 |
| Total | 5.6100e-003 | 3.6700e-003 | 0.0410 | 1.1000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 8.0000e-005 | 3.2400e-003 | 0.0000 | 10.1830 | 10.1830 | 2.7000e-004 | 0.0000 | 10.1897 |

3.4 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 | | | | | 0.7459 | 0.0000 | 0.7459 | 0.1377 | 0.0000 | 0.1377 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0901 | 0.9976 | 0.6639 | 1.3300e-003 | | 0.0427 | 0.0427 | | 0.0393 | 0.0393 | 0.0000 | 117.1642 | 117.1642 | 0.0379 | 0.0000 | 118.1115 |
| Total | 0.0901 | 0.9976 | 0.6639 | 1.3300e-003 | 0.7459 | 0.0427 | 0.7886 | 0.1377 | 0.0393 | 0.1770 | 0.0000 | 117.1642 | 117.1642 | 0.0379 | 0.0000 | 118.1115 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.4 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 | 1.4900e-003 | 9.7000e-004 | 0.0109 | 3.0000e-005 | 3.1600e-003 | 2.0000e-005 | 3.1800e-003 | 8.4000e-004 | 2.0000e-005 | 8.6000e-004 | 0.0000 | 2.7029 | 2.7029 | 7.0000e-005 | 0.0000 | 2.7047 |
| Total | 1.4900e-003 | 9.7000e-004 | 0.0109 | 3.0000e-005 | 3.1600e-003 | 2.0000e-005 | 3.1800e-003 | 8.4000e-004 | 2.0000e-005 | 8.6000e-004 | 0.0000 | 2.7029 | 2.7029 | 7.0000e-005 | 0.0000 | 2.7047 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 0.7459 | 0.0000 | 0.7459 | 0.1377 | 0.0000 | 0.1377 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0901 | 0.9976 | 0.6639 | 1.3300e-003 | | 0.0427 | 0.0427 | | 0.0393 | 0.0393 | 0.0000 | 117.1641 | 117.1641 | 0.0379 | 0.0000 | 118.1114 |
| Total | 0.0901 | 0.9976 | 0.6639 | 1.3300e-003 | 0.7459 | 0.0427 | 0.7886 | 0.1377 | 0.0393 | 0.1770 | 0.0000 | 117.1641 | 117.1641 | 0.0379 | 0.0000 | 118.1114 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.4 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 | 1.4900e-003 | 9.7000e-004 | 0.0109 | 3.0000e-005 | 3.1600e-003 | 2.0000e-005 | 3.1800e-003 | 8.4000e-004 | 2.0000e-005 | 8.6000e-004 | 0.0000 | 2.7029 | 2.7029 | 7.0000e-005 | 0.0000 | 2.7047 |
| Total | 1.4900e-003 | 9.7000e-004 | 0.0109 | 3.0000e-005 | 3.1600e-003 | 2.0000e-005 | 3.1800e-003 | 8.4000e-004 | 2.0000e-005 | 8.6000e-004 | 0.0000 | 2.7029 | 2.7029 | 7.0000e-005 | 0.0000 | 2.7047 |

3.4 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 | | | | | 1.3993 | 0.0000 | 1.3993 | 0.4969 | 0.0000 | 0.4969 | 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 | 1.3993 | 0.2125 | 1.6118 | 0.4969 | 0.1955 | 0.6924 | 0.0000 | 708.9498 | 708.9498 | 0.2293 | 0.0000 | 714.6820 |

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3.4 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 | 8.4100e-003 | 5.2900e-003 | 0.0605 | 1.7000e-004 | 0.0191 | 1.3000e-004 | 0.0192 | 5.0800e-003 | 1.2000e-004 | 5.2000e-003 | 0.0000 | 15.7577 | 15.7577 | 3.9000e-004 | 0.0000 | 15.7673 |
| Total | 8.4100e-003 | 5.2900e-003 | 0.0605 | 1.7000e-004 | 0.0191 | 1.3000e-004 | 0.0192 | 5.0800e-003 | 1.2000e-004 | 5.2000e-003 | 0.0000 | 15.7577 | 15.7577 | 3.9000e-004 | 0.0000 | 15.7673 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 1.3993 | 0.0000 | 1.3993 | 0.4969 | 0.0000 | 0.4969 | 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 | 1.3993 | 0.2125 | 1.6118 | 0.4969 | 0.1955 | 0.6924 | 0.0000 | 708.9490 | 708.9490 | 0.2293 | 0.0000 | 714.6812 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.4 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 | 8.4100e-003 | 5.2900e-003 | 0.0605 | 1.7000e-004 | 0.0191 | 1.3000e-004 | 0.0192 | 5.0800e-003 | 1.2000e-004 | 5.2000e-003 | 0.0000 | 15.7577 | 15.7577 | 3.9000e-004 | 0.0000 | 15.7673 |
| Total | 8.4100e-003 | 5.2900e-003 | 0.0605 | 1.7000e-004 | 0.0191 | 1.3000e-004 | 0.0192 | 5.0800e-003 | 1.2000e-004 | 5.2000e-003 | 0.0000 | 15.7577 | 15.7577 | 3.9000e-004 | 0.0000 | 15.7673 |

3.4 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 | | | | | 1.1042 | 0.0000 | 1.1042 | 0.3347 | 0.0000 | 0.3347 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.2691 | 2.7958 | 2.2721 | 5.0300e-003 | | 0.1154 | 0.1154 | | 0.1062 | 0.1062 | 0.0000 | 441.7352 | 441.7352 | 0.1429 | 0.0000 | 445.3068 |
| Total | 0.2691 | 2.7958 | 2.2721 | 5.0300e-003 | 1.1042 | 0.1154 | 1.2196 | 0.3347 | 0.1062 | 0.4408 | 0.0000 | 441.7352 | 441.7352 | 0.1429 | 0.0000 | 445.3068 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.4 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 | 4.9100e-003 | 2.9700e-003 | 0.0346 | 1.0000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 7.0000e-005 | 3.2400e-003 | 0.0000 | 9.4496 | 9.4496 | 2.2000e-004 | 0.0000 | 9.4549 |
| Total | 4.9100e-003 | 2.9700e-003 | 0.0346 | 1.0000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 7.0000e-005 | 3.2400e-003 | 0.0000 | 9.4496 | 9.4496 | 2.2000e-004 | 0.0000 | 9.4549 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 1.1042 | 0.0000 | 1.1042 | 0.3347 | 0.0000 | 0.3347 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.2691 | 2.7958 | 2.2721 | 5.0300e-003 | | 0.1154 | 0.1154 | | 0.1062 | 0.1062 | 0.0000 | 441.7347 | 441.7347 | 0.1429 | 0.0000 | 445.3063 |
| Total | 0.2691 | 2.7958 | 2.2721 | 5.0300e-003 | 1.1042 | 0.1154 | 1.2196 | 0.3347 | 0.1062 | 0.4408 | 0.0000 | 441.7347 | 441.7347 | 0.1429 | 0.0000 | 445.3063 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.4 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 | 4.9100e-003 | 2.9700e-003 | 0.0346 | 1.0000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 7.0000e-005 | 3.2400e-003 | 0.0000 | 9.4496 | 9.4496 | 2.2000e-004 | 0.0000 | 9.4549 |
| Total | 4.9100e-003 | 2.9700e-003 | 0.0346 | 1.0000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 7.0000e-005 | 3.2400e-003 | 0.0000 | 9.4496 | 9.4496 | 2.2000e-004 | 0.0000 | 9.4549 |

3.5 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 | 0.0771 | 0.7049 | 0.7960 | 1.3200e-003 | | 0.0343 | 0.0343 | | 0.0323 | 0.0323 | 0.0000 | 113.5843 | 113.5843 | 0.0270 | 0.0000 | 114.2598 |
| Total | 0.0771 | 0.7049 | 0.7960 | 1.3200e-003 | | 0.0343 | 0.0343 | | 0.0323 | 0.0323 | 0.0000 | 113.5843 | 113.5843 | 0.0270 | 0.0000 | 114.2598 |

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3.5 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 | 0.1343 | 4.7787 | 1.2983 | 0.0138 | 0.3403 | 6.8700e-003 | 0.3471 | 0.0983 | 6.5700e-003 | 0.1049 | 0.0000 | 1,328.8818 | 1,328.8818 | 0.0681 | 0.0000 | 1,330.5832 |
| Worker | 0.7728 | 0.4671 | 5.4498 | 0.0165 | 1.8739 | 0.0125 | 1.8863 | 0.4984 | 0.0115 | 0.5099 | 0.0000 | 1,488.2635 | 1,488.2635 | 0.0339 | 0.0000 | 1,489.1114 |
| Total | 0.9072 | 5.2458 | 6.7481 | 0.0303 | 2.2141 | 0.0193 | 2.2335 | 0.5967 | 0.0180 | 0.6148 | 0.0000 | 2,817.1452 | 2,817.1452 | 0.1020 | 0.0000 | 2,819.6946 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0771 | 0.7049 | 0.7960 | 1.3200e-003 | | 0.0343 | 0.0343 | | 0.0323 | 0.0323 | 0.0000 | 113.5842 | 113.5842 | 0.0270 | 0.0000 | 114.2597 |
| Total | 0.0771 | 0.7049 | 0.7960 | 1.3200e-003 | | 0.0343 | 0.0343 | | 0.0323 | 0.0323 | 0.0000 | 113.5842 | 113.5842 | 0.0270 | 0.0000 | 114.2597 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.1343 | 4.7787 | 1.2983 | 0.0138 | 0.3403 | 6.8700e-003 | 0.3471 | 0.0983 | 6.5700e-003 | 0.1049 | 0.0000 | 1,328.8818 | 1,328.8818 | 0.0681 | 0.0000 | 1,330.5832 |
| Worker | 0.7728 | 0.4671 | 5.4498 | 0.0165 | 1.8739 | 0.0125 | 1.8863 | 0.4984 | 0.0115 | 0.5099 | 0.0000 | 1,488.2635 | 1,488.2635 | 0.0339 | 0.0000 | 1,489.1114 |
| Total | 0.9072 | 5.2458 | 6.7481 | 0.0303 | 2.2141 | 0.0193 | 2.2335 | 0.5967 | 0.0180 | 0.6148 | 0.0000 | 2,817.1452 | 2,817.1452 | 0.1020 | 0.0000 | 2,819.6946 |

3.5 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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3.5 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 | 0.3422 | 12.5319 | 3.2448 | 0.0367 | 0.9096 | 0.0174 | 0.9270 | 0.2628 | 0.0167 | 0.2795 | 0.0000 | 3,532.0998 | 3,532.0998 | 0.1797 | 0.0000 | 3,536.5933 |
| Worker | 1.9428 | 1.1286 | 13.4927 | 0.0423 | 5.0097 | 0.0326 | 5.0423 | 1.3324 | 0.0300 | 1.3624 | 0.0000 | 3,824.1571 | 3,824.1571 | 0.0818 | 0.0000 | 3,826.2020 |
| Total | 2.2850 | 13.6605 | 16.7375 | 0.0790 | 5.9193 | 0.0500 | 5.9693 | 1.5953 | 0.0467 | 1.6419 | 0.0000 | 7,356.2569 | 7,356.2569 | 0.2615 | 0.0000 | 7,362.7953 |

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 | | | | | |
| 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.3422 | 12.5319 | 3.2448 | 0.0367 | 0.9096 | 0.0174 | 0.9270 | 0.2628 | 0.0167 | 0.2795 | 0.0000 | 3,532.0998 | 3,532.0998 | 0.1797 | 0.0000 | 3,536.5933 |
| Worker | 1.9428 | 1.1286 | 13.4927 | 0.0423 | 5.0097 | 0.0326 | 5.0423 | 1.3324 | 0.0300 | 1.3624 | 0.0000 | 3,824.1571 | 3,824.1571 | 0.0818 | 0.0000 | 3,826.2020 |
| Total | 2.2850 | 13.6605 | 16.7375 | 0.0790 | 5.9193 | 0.0500 | 5.9693 | 1.5953 | 0.0467 | 1.6419 | 0.0000 | 7,356.2569 | 7,356.2569 | 0.2615 | 0.0000 | 7,362.7953 |

3.5 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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3.5 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 | 0.3270 | 12.2526 | 3.0605 | 0.0363 | 0.9060 | 0.0165 | 0.9225 | 0.2618 | 0.0157 | 0.2776 | 0.0000 | 3,498.7573 | 3,498.7573 | 0.1770 | 0.0000 | 3,503.1810 |
| Worker | 1.8277 | 1.0209 | 12.4503 | 0.0404 | 4.9906 | 0.0318 | 5.0224 | 1.3273 | 0.0293 | 1.3566 | 0.0000 | 3,657.0391 | 3,657.0391 | 0.0739 | 0.0000 | 3,658.8854 |
| Total | 2.1547 | 13.2735 | 15.5108 | 0.0768 | 5.8966 | 0.0483 | 5.9449 | 1.5891 | 0.0450 | 1.6342 | 0.0000 | 7,155.7964 | 7,155.7964 | 0.2508 | 0.0000 | 7,162.0664 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.3270 | 12.2526 | 3.0605 | 0.0363 | 0.9060 | 0.0165 | 0.9225 | 0.2618 | 0.0157 | 0.2776 | 0.0000 | 3,498.7573 | 3,498.7573 | 0.1770 | 0.0000 | 3,503.1810 |
| Worker | 1.8277 | 1.0209 | 12.4503 | 0.0404 | 4.9906 | 0.0318 | 5.0224 | 1.3273 | 0.0293 | 1.3566 | 0.0000 | 3,657.0391 | 3,657.0391 | 0.0739 | 0.0000 | 3,658.8854 |
| Total | 2.1547 | 13.2735 | 15.5108 | 0.0768 | 5.8966 | 0.0483 | 5.9449 | 1.5891 | 0.0450 | 1.6342 | 0.0000 | 7,155.7964 | 7,155.7964 | 0.2508 | 0.0000 | 7,162.0664 |

3.5 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.3147 | 12.0325 | 2.9205 | 0.0361 | 0.9060 | 0.0156 | 0.9215 | 0.2618 | 0.0149 | 0.2767 | 0.0000 | 3,479.8878 | 3,479.8878 | 0.1750 | 0.0000 | 3,484.2638 |
| Worker | 1.7326 | 0.9327 | 11.5882 | 0.0389 | 4.9906 | 0.0309 | 5.0215 | 1.3273 | 0.0284 | 1.3558 | 0.0000 | 3,521.1653 | 3,521.1653 | 0.0672 | 0.0000 | 3,522.8461 |
| Total | 2.0473 | 12.9651 | 14.5087 | 0.0750 | 5.8966 | 0.0465 | 5.9430 | 1.5891 | 0.0433 | 1.6324 | 0.0000 | 7,001.0531 | 7,001.0531 | 0.2423 | 0.0000 | 7,007.1099 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.3147 | 12.0325 | 2.9205 | 0.0361 | 0.9060 | 0.0156 | 0.9215 | 0.2618 | 0.0149 | 0.2767 | 0.0000 | 3,479.8878 | 3,479.8878 | 0.1750 | 0.0000 | 3,484.2638 |
| Worker | 1.7326 | 0.9327 | 11.5882 | 0.0389 | 4.9906 | 0.0309 | 5.0215 | 1.3273 | 0.0284 | 1.3558 | 0.0000 | 3,521.1653 | 3,521.1653 | 0.0672 | 0.0000 | 3,522.8461 |
| Total | 2.0473 | 12.9651 | 14.5087 | 0.0750 | 5.8966 | 0.0465 | 5.9430 | 1.5891 | 0.0433 | 1.6324 | 0.0000 | 7,001.0531 | 7,001.0531 | 0.2423 | 0.0000 | 7,007.1099 |

3.5 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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3.5 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 | 0.3039 | 11.8301 | 2.7989 | 0.0359 | 0.9059 | 0.0148 | 0.9207 | 0.2618 | 0.0142 | 0.2759 | 0.0000 | 3,462.1431 | 3,462.1431 | 0.1732 | 0.0000 | 3,466.4725 |
| Worker | 1.6394 | 0.8534 | 10.8099 | 0.0376 | 4.9906 | 0.0294 | 5.0200 | 1.3273 | 0.0270 | 1.3544 | 0.0000 | 3,399.5328 | 3,399.5328 | 0.0613 | 0.0000 | 3,401.0641 |
| Total | 1.9433 | 12.6835 | 13.6087 | 0.0735 | 5.8965 | 0.0442 | 5.9407 | 1.5891 | 0.0412 | 1.6303 | 0.0000 | 6,861.6758 | 6,861.6758 | 0.2344 | 0.0000 | 6,867.5367 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.3039 | 11.8301 | 2.7989 | 0.0359 | 0.9059 | 0.0148 | 0.9207 | 0.2618 | 0.0142 | 0.2759 | 0.0000 | 3,462.1431 | 3,462.1431 | 0.1732 | 0.0000 | 3,466.4725 |
| Worker | 1.6394 | 0.8534 | 10.8099 | 0.0376 | 4.9906 | 0.0294 | 5.0200 | 1.3273 | 0.0270 | 1.3544 | 0.0000 | 3,399.5328 | 3,399.5328 | 0.0613 | 0.0000 | 3,401.0641 |
| Total | 1.9433 | 12.6835 | 13.6087 | 0.0735 | 5.8965 | 0.0442 | 5.9407 | 1.5891 | 0.0412 | 1.6303 | 0.0000 | 6,861.6758 | 6,861.6758 | 0.2344 | 0.0000 | 6,867.5367 |

3.5 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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3.5 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 | 0.2932 | 11.6131 | 2.6857 | 0.0356 | 0.9024 | 0.0141 | 0.9165 | 0.2607 | 0.0135 | 0.2742 | 0.0000 | 3,433.798 3 | 3,433.798 3 | 0.1706 | 0.0000 | 3,438.064 2 |
| Worker | 1.5369 | 0.7800 | 10.0849 | 0.0362 | 4.9715 | 0.0273 | 4.9988 | 1.3223 | 0.0251 | 1.3474 | 0.0000 | 3,278.946 7 | 3,278.946 7 | 0.0559 | 0.0000 | 3,280.343 6 |
| Total | 1.8302 | 12.3931 | 12.7707 | 0.0718 | 5.8739 | 0.0414 | 5.9153 | 1.5830 | 0.0386 | 1.6216 | 0.0000 | 6,712.745 1 | 6,712.745 1 | 0.2265 | 0.0000 | 6,718.407 8 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.2932 | 11.6131 | 2.6857 | 0.0356 | 0.9024 | 0.0141 | 0.9165 | 0.2607 | 0.0135 | 0.2742 | 0.0000 | 3,433.798 3 | 3,433.798 3 | 0.1706 | 0.0000 | 3,438.064 2 |
| Worker | 1.5369 | 0.7800 | 10.0849 | 0.0362 | 4.9715 | 0.0273 | 4.9988 | 1.3223 | 0.0251 | 1.3474 | 0.0000 | 3,278.946 7 | 3,278.946 7 | 0.0559 | 0.0000 | 3,280.343 6 |
| Total | 1.8302 | 12.3931 | 12.7707 | 0.0718 | 5.8739 | 0.0414 | 5.9153 | 1.5830 | 0.0386 | 1.6216 | 0.0000 | 6,712.745 1 | 6,712.745 1 | 0.2265 | 0.0000 | 6,718.407 8 |

3.5 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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3.5 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 | 0.2858 | 11.4938 | 2.6100 | 0.0356 | 0.9058 | 0.0135 | 0.9193 | 0.2617 | 0.0129 | 0.2746 | 0.0000 | 3,433.2265 | 3,433.2265 | 0.1694 | 0.0000 | 3,437.4616 |
| Worker | 1.4375 | 0.7173 | 9.4648 | 0.0353 | 4.9906 | 0.0255 | 5.0161 | 1.3273 | 0.0235 | 1.3508 | 0.0000 | 3,195.8629 | 3,195.8629 | 0.0512 | 0.0000 | 3,197.1423 |
| Total | 1.7233 | 12.2111 | 12.0748 | 0.0709 | 5.8964 | 0.0390 | 5.9354 | 1.5891 | 0.0364 | 1.6254 | 0.0000 | 6,629.0894 | 6,629.0894 | 0.2206 | 0.0000 | 6,634.6040 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.2858 | 11.4938 | 2.6100 | 0.0356 | 0.9058 | 0.0135 | 0.9193 | 0.2617 | 0.0129 | 0.2746 | 0.0000 | 3,433.2265 | 3,433.2265 | 0.1694 | 0.0000 | 3,437.4616 |
| Worker | 1.4375 | 0.7173 | 9.4648 | 0.0353 | 4.9906 | 0.0255 | 5.0161 | 1.3273 | 0.0235 | 1.3508 | 0.0000 | 3,195.8629 | 3,195.8629 | 0.0512 | 0.0000 | 3,197.1423 |
| Total | 1.7233 | 12.2111 | 12.0748 | 0.0709 | 5.8964 | 0.0390 | 5.9354 | 1.5891 | 0.0364 | 1.6254 | 0.0000 | 6,629.0894 | 6,629.0894 | 0.2206 | 0.0000 | 6,634.6040 |

3.5 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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3.5 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 | 0.2780 | 11.3402 | 2.5391 | 0.0355 | 0.9057 | 0.0128 | 0.9185 | 0.2617 | 0.0122 | 0.2739 | 0.0000 | 3,420.9238 | 3,420.9238 | 0.1675 | 0.0000 | 3,425.1100 |
| Worker | 1.3357 | 0.6581 | 8.8719 | 0.0344 | 4.9906 | 0.0238 | 5.0144 | 1.3273 | 0.0219 | 1.3492 | 0.0000 | 3,111.5619 | 3,111.5619 | 0.0468 | 0.0000 | 3,112.7318 |
| Total | 1.6137 | 11.9983 | 11.4110 | 0.0698 | 5.8964 | 0.0366 | 5.9329 | 1.5890 | 0.0341 | 1.6231 | 0.0000 | 6,532.4857 | 6,532.4857 | 0.2143 | 0.0000 | 6,537.8418 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.2780 | 11.3402 | 2.5391 | 0.0355 | 0.9057 | 0.0128 | 0.9185 | 0.2617 | 0.0122 | 0.2739 | 0.0000 | 3,420.9238 | 3,420.9238 | 0.1675 | 0.0000 | 3,425.1100 |
| Worker | 1.3357 | 0.6581 | 8.8719 | 0.0344 | 4.9906 | 0.0238 | 5.0144 | 1.3273 | 0.0219 | 1.3492 | 0.0000 | 3,111.5619 | 3,111.5619 | 0.0468 | 0.0000 | 3,112.7318 |
| Total | 1.6137 | 11.9983 | 11.4110 | 0.0698 | 5.8964 | 0.0366 | 5.9329 | 1.5890 | 0.0341 | 1.6231 | 0.0000 | 6,532.4857 | 6,532.4857 | 0.2143 | 0.0000 | 6,537.8418 |

3.5 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 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.2714 | 11.2009 | 2.4810 | 0.0353 | 0.9057 | 0.0122 | 0.9179 | 0.2617 | 0.0116 | 0.2733 | 0.0000 | 3,410.4625 | 3,410.4625 | 0.1658 | 0.0000 | 3,414.6064 |
| Worker | 1.2279 | 0.6022 | 8.3061 | 0.0336 | 4.9906 | 0.0221 | 5.0127 | 1.3273 | 0.0204 | 1.3477 | 0.0000 | 3,037.6093 | 3,037.6093 | 0.0427 | 0.0000 | 3,038.6767 |
| Total | 1.4993 | 11.8031 | 10.7871 | 0.0689 | 5.8963 | 0.0343 | 5.9306 | 1.5890 | 0.0320 | 1.6210 | 0.0000 | 6,448.0718 | 6,448.0718 | 0.2085 | 0.0000 | 6,453.2830 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.2714 | 11.2009 | 2.4810 | 0.0353 | 0.9057 | 0.0122 | 0.9179 | 0.2617 | 0.0116 | 0.2733 | 0.0000 | 3,410.4625 | 3,410.4625 | 0.1658 | 0.0000 | 3,414.6064 |
| Worker | 1.2279 | 0.6022 | 8.3061 | 0.0336 | 4.9906 | 0.0221 | 5.0127 | 1.3273 | 0.0204 | 1.3477 | 0.0000 | 3,037.6093 | 3,037.6093 | 0.0427 | 0.0000 | 3,038.6767 |
| Total | 1.4993 | 11.8031 | 10.7871 | 0.0689 | 5.8963 | 0.0343 | 5.9306 | 1.5890 | 0.0320 | 1.6210 | 0.0000 | 6,448.0718 | 6,448.0718 | 0.2085 | 0.0000 | 6,453.2830 |

3.5 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 | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3479 | 344.3479 | 0.0138 | 0.0000 | 344.6933 |
| Total | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3479 | 344.3479 | 0.0138 | 0.0000 | 344.6933 |

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3.5 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 | 0.2670 | 11.1140 | 2.4442 | 0.0354 | 0.9091 | 0.0117 | 0.9209 | 0.2627 | 0.0112 | 0.2739 | 0.0000 | 3,414.9530 | 3,414.9530 | 0.1649 | 0.0000 | 3,419.0754 |
| Worker | 1.1358 | 0.5561 | 7.8377 | 0.0330 | 5.0097 | 0.0207 | 5.0304 | 1.3324 | 0.0190 | 1.3514 | 0.0000 | 2,984.6115 | 2,984.6115 | 0.0393 | 0.0000 | 2,985.5932 |
| Total | 1.4028 | 11.6700 | 10.2819 | 0.0683 | 5.9189 | 0.0324 | 5.9513 | 1.5951 | 0.0302 | 1.6253 | 0.0000 | 6,399.5645 | 6,399.5645 | 0.2042 | 0.0000 | 6,404.6686 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3475 | 344.3475 | 0.0138 | 0.0000 | 344.6929 |
| Total | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3475 | 344.3475 | 0.0138 | 0.0000 | 344.6929 |

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3.5 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 | 0.2670 | 11.1140 | 2.4442 | 0.0354 | 0.9091 | 0.0117 | 0.9209 | 0.2627 | 0.0112 | 0.2739 | 0.0000 | 3,414.9530 | 3,414.9530 | 0.1649 | 0.0000 | 3,419.0754 |
| Worker | 1.1358 | 0.5561 | 7.8377 | 0.0330 | 5.0097 | 0.0207 | 5.0304 | 1.3324 | 0.0190 | 1.3514 | 0.0000 | 2,984.6115 | 2,984.6115 | 0.0393 | 0.0000 | 2,985.5932 |
| Total | 1.4028 | 11.6700 | 10.2819 | 0.0683 | 5.9189 | 0.0324 | 5.9513 | 1.5951 | 0.0302 | 1.6253 | 0.0000 | 6,399.5645 | 6,399.5645 | 0.2042 | 0.0000 | 6,404.6686 |

3.5 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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3.5 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 | 0.2604 | 10.9146 | 2.3866 | 0.0350 | 0.9022 | 0.0112 | 0.9134 | 0.2607 | 0.0107 | 0.2714 | 0.0000 | 3,381.4469 | 3,381.4469 | 0.1623 | 0.0000 | 3,385.5051 |
| Worker | 1.0488 | 0.5125 | 7.3598 | 0.0321 | 4.9715 | 0.0191 | 4.9906 | 1.3223 | 0.0176 | 1.3398 | 0.0000 | 2,906.5334 | 2,906.5334 | 0.0360 | 0.0000 | 2,907.4333 |
| Total | 1.3092 | 11.4271 | 9.7464 | 0.0671 | 5.8737 | 0.0303 | 5.9040 | 1.5829 | 0.0283 | 1.6112 | 0.0000 | 6,287.9803 | 6,287.9803 | 0.1983 | 0.0000 | 6,292.9384 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 341.7189 | 341.7189 | 0.0137 | 0.0000 | 342.0617 |
| Total | 0.1702 | 1.0315 | 2.1004 | 4.0200e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 341.7189 | 341.7189 | 0.0137 | 0.0000 | 342.0617 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.2604 | 10.9146 | 2.3866 | 0.0350 | 0.9022 | 0.0112 | 0.9134 | 0.2607 | 0.0107 | 0.2714 | 0.0000 | 3,381.4469 | 3,381.4469 | 0.1623 | 0.0000 | 3,385.5051 |
| Worker | 1.0488 | 0.5125 | 7.3598 | 0.0321 | 4.9715 | 0.0191 | 4.9906 | 1.3223 | 0.0176 | 1.3398 | 0.0000 | 2,906.5334 | 2,906.5334 | 0.0360 | 0.0000 | 2,907.4333 |
| Total | 1.3092 | 11.4271 | 9.7464 | 0.0671 | 5.8737 | 0.0303 | 5.9040 | 1.5829 | 0.0283 | 1.6112 | 0.0000 | 6,287.9803 | 6,287.9803 | 0.1983 | 0.0000 | 6,292.9384 |

3.5 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.2561 | 10.8085 | 2.3511 | 0.0350 | 0.9022 | 0.0108 | 0.9130 | 0.2607 | 0.0103 | 0.2710 | 0.0000 | 3,375.2102 | 3,375.2102 | 0.1611 | 0.0000 | 3,379.2376 |
| Worker | 0.9799 | 0.4789 | 6.9643 | 0.0316 | 4.9715 | 0.0178 | 4.9893 | 1.3223 | 0.0164 | 1.3387 | 0.0000 | 2,858.7639 | 2,858.7639 | 0.0332 | 0.0000 | 2,859.5946 |
| Total | 1.2360 | 11.2875 | 9.3154 | 0.0665 | 5.8736 | 0.0287 | 5.9023 | 1.5829 | 0.0268 | 1.6097 | 0.0000 | 6,233.9741 | 6,233.9741 | 0.1943 | 0.0000 | 6,238.8322 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 341.7189 | 341.7189 | 0.0137 | 0.0000 | 342.0617 |
| Total | 0.1702 | 1.0315 | 2.1004 | 4.0200e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 341.7189 | 341.7189 | 0.0137 | 0.0000 | 342.0617 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.2561 | 10.8085 | 2.3511 | 0.0350 | 0.9022 | 0.0108 | 0.9130 | 0.2607 | 0.0103 | 0.2710 | 0.0000 | 3,375.2102 | 3,375.2102 | 0.1611 | 0.0000 | 3,379.2376 |
| Worker | 0.9799 | 0.4789 | 6.9643 | 0.0316 | 4.9715 | 0.0178 | 4.9893 | 1.3223 | 0.0164 | 1.3387 | 0.0000 | 2,858.7639 | 2,858.7639 | 0.0332 | 0.0000 | 2,859.5946 |
| Total | 1.2360 | 11.2875 | 9.3154 | 0.0665 | 5.8736 | 0.0287 | 5.9023 | 1.5829 | 0.0268 | 1.6097 | 0.0000 | 6,233.9741 | 6,233.9741 | 0.1943 | 0.0000 | 6,238.8322 |

3.5 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.2534 | 10.7558 | 2.3303 | 0.0350 | 0.9056 | 0.0105 | 0.9161 | 0.2617 | 0.0101 | 0.2717 | 0.0000 | 3,383.0399 | 3,383.0399 | 0.1606 | 0.0000 | 3,387.0540 |
| Worker | 0.9237 | 0.4545 | 6.6516 | 0.0312 | 4.9906 | 0.0168 | 5.0074 | 1.3273 | 0.0154 | 1.3428 | 0.0000 | 2,828.9802 | 2,828.9802 | 0.0310 | 0.0000 | 2,829.7552 |
| Total | 1.1770 | 11.2103 | 8.9819 | 0.0663 | 5.8962 | 0.0273 | 5.9235 | 1.5890 | 0.0255 | 1.6144 | 0.0000 | 6,212.0200 | 6,212.0200 | 0.1916 | 0.0000 | 6,216.8091 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 343.0332 | 343.0332 | 0.0128 | 0.0000 | 343.3526 |
| Total | 0.1588 | 0.9346 | 2.1034 | 4.0400e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 343.0332 | 343.0332 | 0.0128 | 0.0000 | 343.3526 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.2534 | 10.7558 | 2.3303 | 0.0350 | 0.9056 | 0.0105 | 0.9161 | 0.2617 | 0.0101 | 0.2717 | 0.0000 | 3,383.0399 | 3,383.0399 | 0.1606 | 0.0000 | 3,387.0540 |
| Worker | 0.9237 | 0.4545 | 6.6516 | 0.0312 | 4.9906 | 0.0168 | 5.0074 | 1.3273 | 0.0154 | 1.3428 | 0.0000 | 2,828.9802 | 2,828.9802 | 0.0310 | 0.0000 | 2,829.7552 |
| Total | 1.1770 | 11.2103 | 8.9819 | 0.0663 | 5.8962 | 0.0273 | 5.9235 | 1.5890 | 0.0255 | 1.6144 | 0.0000 | 6,212.0200 | 6,212.0200 | 0.1916 | 0.0000 | 6,216.8091 |

3.5 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.2543 | 10.7970 | 2.3392 | 0.0352 | 0.9091 | 0.0106 | 0.9196 | 0.2627 | 0.0101 | 0.2727 | 0.0000 | 3,396.0017 | 3,396.0017 | 0.1612 | 0.0000 | 3,400.0312 |
| Worker | 0.9272 | 0.4563 | 6.6771 | 0.0314 | 5.0097 | 0.0168 | 5.0265 | 1.3324 | 0.0155 | 1.3479 | 0.0000 | 2,839.8192 | 2,839.8192 | 0.0311 | 0.0000 | 2,840.5972 |
| Total | 1.1815 | 11.2533 | 9.0163 | 0.0665 | 5.9188 | 0.0274 | 5.9462 | 1.5951 | 0.0256 | 1.6206 | 0.0000 | 6,235.8209 | 6,235.8209 | 0.1923 | 0.0000 | 6,240.6283 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 344.3475 | 344.3475 | 0.0128 | 0.0000 | 344.6682 |
| Total | 0.1594 | 0.9381 | 2.1114 | 4.0600e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 344.3475 | 344.3475 | 0.0128 | 0.0000 | 344.6682 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.2543 | 10.7970 | 2.3392 | 0.0352 | 0.9091 | 0.0106 | 0.9196 | 0.2627 | 0.0101 | 0.2727 | 0.0000 | 3,396.0017 | 3,396.0017 | 0.1612 | 0.0000 | 3,400.0312 |
| Worker | 0.9272 | 0.4563 | 6.6771 | 0.0314 | 5.0097 | 0.0168 | 5.0265 | 1.3324 | 0.0155 | 1.3479 | 0.0000 | 2,839.8192 | 2,839.8192 | 0.0311 | 0.0000 | 2,840.5972 |
| Total | 1.1815 | 11.2533 | 9.0163 | 0.0665 | 5.9188 | 0.0274 | 5.9462 | 1.5951 | 0.0256 | 1.6206 | 0.0000 | 6,235.8209 | 6,235.8209 | 0.1923 | 0.0000 | 6,240.6283 |

3.5 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.2534 | 10.7558 | 2.3303 | 0.0350 | 0.9056 | 0.0105 | 0.9161 | 0.2617 | 0.0101 | 0.2717 | 0.0000 | 3,383.0399 | 3,383.0399 | 0.1606 | 0.0000 | 3,387.0540 |
| Worker | 0.9237 | 0.4545 | 6.6516 | 0.0312 | 4.9906 | 0.0168 | 5.0074 | 1.3273 | 0.0154 | 1.3428 | 0.0000 | 2,828.9802 | 2,828.9802 | 0.0310 | 0.0000 | 2,829.7552 |
| Total | 1.1770 | 11.2103 | 8.9819 | 0.0663 | 5.8962 | 0.0273 | 5.9235 | 1.5890 | 0.0255 | 1.6144 | 0.0000 | 6,212.0200 | 6,212.0200 | 0.1916 | 0.0000 | 6,216.8091 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 343.0332 | 343.0332 | 0.0128 | 0.0000 | 343.3526 |
| Total | 0.1588 | 0.9346 | 2.1034 | 4.0400e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 343.0332 | 343.0332 | 0.0128 | 0.0000 | 343.3526 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.2534 | 10.7558 | 2.3303 | 0.0350 | 0.9056 | 0.0105 | 0.9161 | 0.2617 | 0.0101 | 0.2717 | 0.0000 | 3,383.0399 | 3,383.0399 | 0.1606 | 0.0000 | 3,387.0540 |
| Worker | 0.9237 | 0.4545 | 6.6516 | 0.0312 | 4.9906 | 0.0168 | 5.0074 | 1.3273 | 0.0154 | 1.3428 | 0.0000 | 2,828.9802 | 2,828.9802 | 0.0310 | 0.0000 | 2,829.7552 |
| Total | 1.1770 | 11.2103 | 8.9819 | 0.0663 | 5.8962 | 0.0273 | 5.9235 | 1.5890 | 0.0255 | 1.6144 | 0.0000 | 6,212.0200 | 6,212.0200 | 0.1916 | 0.0000 | 6,216.8091 |

3.5 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.2534 | 10.7558 | 2.3303 | 0.0350 | 0.9056 | 0.0105 | 0.9161 | 0.2617 | 0.0101 | 0.2717 | 0.0000 | 3,383.0399 | 3,383.0399 | 0.1606 | 0.0000 | 3,387.0540 |
| Worker | 0.9237 | 0.4545 | 6.6516 | 0.0312 | 4.9906 | 0.0168 | 5.0074 | 1.3273 | 0.0154 | 1.3428 | 0.0000 | 2,828.9802 | 2,828.9802 | 0.0310 | 0.0000 | 2,829.7552 |
| Total | 1.1770 | 11.2103 | 8.9819 | 0.0663 | 5.8962 | 0.0273 | 5.9235 | 1.5890 | 0.0255 | 1.6144 | 0.0000 | 6,212.0200 | 6,212.0200 | 0.1916 | 0.0000 | 6,216.8091 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 343.0332 | 343.0332 | 0.0128 | 0.0000 | 343.3526 |
| Total | 0.1588 | 0.9346 | 2.1034 | 4.0400e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 343.0332 | 343.0332 | 0.0128 | 0.0000 | 343.3526 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.2534 | 10.7558 | 2.3303 | 0.0350 | 0.9056 | 0.0105 | 0.9161 | 0.2617 | 0.0101 | 0.2717 | 0.0000 | 3,383.0399 | 3,383.0399 | 0.1606 | 0.0000 | 3,387.0540 |
| Worker | 0.9237 | 0.4545 | 6.6516 | 0.0312 | 4.9906 | 0.0168 | 5.0074 | 1.3273 | 0.0154 | 1.3428 | 0.0000 | 2,828.9802 | 2,828.9802 | 0.0310 | 0.0000 | 2,829.7552 |
| Total | 1.1770 | 11.2103 | 8.9819 | 0.0663 | 5.8962 | 0.0273 | 5.9235 | 1.5890 | 0.0255 | 1.6144 | 0.0000 | 6,212.0200 | 6,212.0200 | 0.1916 | 0.0000 | 6,216.8091 |

3.5 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.2524 | 10.7146 | 2.3213 | 0.0349 | 0.9021 | 0.0105 | 0.9126 | 0.2606 | 0.0100 | 0.2707 | 0.0000 | 3,370.0780 | 3,370.0780 | 0.1600 | 0.0000 | 3,374.0767 |
| Worker | 0.9202 | 0.4528 | 6.6261 | 0.0311 | 4.9715 | 0.0167 | 4.9882 | 1.3223 | 0.0154 | 1.3376 | 0.0000 | 2,818.1412 | 2,818.1412 | 0.0309 | 0.0000 | 2,818.9132 |
| Total | 1.1725 | 11.1674 | 8.9475 | 0.0660 | 5.8736 | 0.0272 | 5.9008 | 1.5829 | 0.0254 | 1.6083 | 0.0000 | 6,188.2192 | 6,188.2192 | 0.1908 | 0.0000 | 6,192.9899 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 341.7189 | 341.7189 | 0.0127 | 0.0000 | 342.0371 |
| Total | 0.1582 | 0.9310 | 2.0953 | 4.0200e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 341.7189 | 341.7189 | 0.0127 | 0.0000 | 342.0371 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.2524 | 10.7146 | 2.3213 | 0.0349 | 0.9021 | 0.0105 | 0.9126 | 0.2606 | 0.0100 | 0.2707 | 0.0000 | 3,370.0780 | 3,370.0780 | 0.1600 | 0.0000 | 3,374.0767 |
| Worker | 0.9202 | 0.4528 | 6.6261 | 0.0311 | 4.9715 | 0.0167 | 4.9882 | 1.3223 | 0.0154 | 1.3376 | 0.0000 | 2,818.1412 | 2,818.1412 | 0.0309 | 0.0000 | 2,818.9132 |
| Total | 1.1725 | 11.1674 | 8.9475 | 0.0660 | 5.8736 | 0.0272 | 5.9008 | 1.5829 | 0.0254 | 1.6083 | 0.0000 | 6,188.2192 | 6,188.2192 | 0.1908 | 0.0000 | 6,192.9899 |

3.5 Building Construction - 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 | | | | | |
| 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 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 | 0.2420 | 10.4433 | 2.2410 | 0.0349 | 0.9055 | 9.7000e-003 | 0.9152 | 0.2616 | 9.2800e-003 | 0.2709 | 0.0000 | 3,373.5155 | 3,373.5155 | 0.1561 | 0.0000 | 3,377.4173 |
| Worker | 0.7035 | 0.3710 | 5.5974 | 0.0299 | 4.9906 | 0.0128 | 5.0034 | 1.3273 | 0.0118 | 1.3392 | 0.0000 | 2,705.4018 | 2,705.4018 | 0.0238 | 0.0000 | 2,705.9963 |
| Total | 0.9456 | 10.8143 | 7.8384 | 0.0648 | 5.8961 | 0.0225 | 5.9187 | 1.5890 | 0.0211 | 1.6100 | 0.0000 | 6,078.9173 | 6,078.9173 | 0.1799 | 0.0000 | 6,083.4136 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 343.0333 | 343.0333 | 0.0123 | 0.0000 | 343.3415 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0333 | 343.0333 | 0.0123 | 0.0000 | 343.3415 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 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 | 0.2420 | 10.4433 | 2.2410 | 0.0349 | 0.9055 | 9.7000e-003 | 0.9152 | 0.2616 | 9.2800e-003 | 0.2709 | 0.0000 | 3,373.5155 | 3,373.5155 | 0.1561 | 0.0000 | 3,377.4173 |
| Worker | 0.7035 | 0.3710 | 5.5974 | 0.0299 | 4.9906 | 0.0128 | 5.0034 | 1.3273 | 0.0118 | 1.3392 | 0.0000 | 2,705.4018 | 2,705.4018 | 0.0238 | 0.0000 | 2,705.9963 |
| Total | 0.9456 | 10.8143 | 7.8384 | 0.0648 | 5.8961 | 0.0225 | 5.9187 | 1.5890 | 0.0211 | 1.6100 | 0.0000 | 6,078.9173 | 6,078.9173 | 0.1799 | 0.0000 | 6,083.4136 |

3.5 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 | 0.0694 | 0.3996 | 0.9349 | 1.8000e-003 | | 4.2800e-003 | 4.2800e-003 | | 4.2800e-003 | 4.2800e-003 | 0.0000 | 152.4594 | 152.4594 | 5.4800e-003 | 0.0000 | 152.5964 |
| Total | 0.0694 | 0.3996 | 0.9349 | 1.8000e-003 | | 4.2800e-003 | 4.2800e-003 | | 4.2800e-003 | 4.2800e-003 | 0.0000 | 152.4594 | 152.4594 | 5.4800e-003 | 0.0000 | 152.5964 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 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 | 0.1076 | 4.6415 | 0.9960 | 0.0155 | 0.4025 | 4.3100e-003 | 0.4068 | 0.1163 | 4.1200e-003 | 0.1204 | 0.0000 | 1,499.3402 | 1,499.3402 | 0.0694 | 0.0000 | 1,501.0744 |
| Worker | 0.3127 | 0.1649 | 2.4877 | 0.0133 | 2.2181 | 5.7100e-003 | 2.2238 | 0.5899 | 5.2500e-003 | 0.5952 | 0.0000 | 1,202.4008 | 1,202.4008 | 0.0106 | 0.0000 | 1,202.6650 |
| Total | 0.4203 | 4.8063 | 3.4837 | 0.0288 | 2.6205 | 0.0100 | 2.6305 | 0.7062 | 9.3700e-003 | 0.7156 | 0.0000 | 2,701.7410 | 2,701.7410 | 0.0799 | 0.0000 | 2,703.7394 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0694 | 0.3996 | 0.9349 | 1.8000e-003 | | 4.2800e-003 | 4.2800e-003 | | 4.2800e-003 | 4.2800e-003 | 0.0000 | 152.4592 | 152.4592 | 5.4800e-003 | 0.0000 | 152.5962 |
| Total | 0.0694 | 0.3996 | 0.9349 | 1.8000e-003 | | 4.2800e-003 | 4.2800e-003 | | 4.2800e-003 | 4.2800e-003 | 0.0000 | 152.4592 | 152.4592 | 5.4800e-003 | 0.0000 | 152.5962 |

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3.5 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 | 0.1076 | 4.6415 | 0.9960 | 0.0155 | 0.4025 | 4.3100e-003 | 0.4068 | 0.1163 | 4.1200e-003 | 0.1204 | 0.0000 | 1,499.3402 | 1,499.3402 | 0.0694 | 0.0000 | 1,501.0744 |
| Worker | 0.3127 | 0.1649 | 2.4877 | 0.0133 | 2.2181 | 5.7100e-003 | 2.2238 | 0.5899 | 5.2500e-003 | 0.5952 | 0.0000 | 1,202.4008 | 1,202.4008 | 0.0106 | 0.0000 | 1,202.6650 |
| Total | 0.4203 | 4.8063 | 3.4837 | 0.0288 | 2.6205 | 0.0100 | 2.6305 | 0.7062 | 9.3700e-003 | 0.7156 | 0.0000 | 2,701.7410 | 2,701.7410 | 0.0799 | 0.0000 | 2,703.7394 |

3.6 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 | 0.0733 | 0.2651 | 1.1468 | 2.0300e-003 | | 8.4400e-003 | 8.4400e-003 | | 8.4400e-003 | 8.4400e-003 | 0.0000 | 174.7215 | 174.7215 | 5.8700e-003 | 0.0000 | 174.8683 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0733 | 0.2651 | 1.1468 | 2.0300e-003 | | 8.4400e-003 | 8.4400e-003 | | 8.4400e-003 | 8.4400e-003 | 0.0000 | 174.7215 | 174.7215 | 5.8700e-003 | 0.0000 | 174.8683 |

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3.6 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 | 1.1300e-003 | 5.9000e-004 | 8.9600e-003 | 5.0000e-005 | 7.9900e-003 | 2.0000e-005 | 8.0100e-003 | 2.1200e-003 | 2.0000e-005 | 2.1400e-003 | 0.0000 | 4.3298 | 4.3298 | 4.0000e-005 | 0.0000 | 4.3307 |
| Total | 1.1300e-003 | 5.9000e-004 | 8.9600e-003 | 5.0000e-005 | 7.9900e-003 | 2.0000e-005 | 8.0100e-003 | 2.1200e-003 | 2.0000e-005 | 2.1400e-003 | 0.0000 | 4.3298 | 4.3298 | 4.0000e-005 | 0.0000 | 4.3307 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0733 | 0.2651 | 1.1468 | 2.0300e-003 | | 8.4400e-003 | 8.4400e-003 | | 8.4400e-003 | 8.4400e-003 | 0.0000 | 174.7213 | 174.7213 | 5.8700e-003 | 0.0000 | 174.8681 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0733 | 0.2651 | 1.1468 | 2.0300e-003 | | 8.4400e-003 | 8.4400e-003 | | 8.4400e-003 | 8.4400e-003 | 0.0000 | 174.7213 | 174.7213 | 5.8700e-003 | 0.0000 | 174.8681 |

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3.6 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 | 1.1300e-003 | 5.9000e-004 | 8.9600e-003 | 5.0000e-005 | 7.9900e-003 | 2.0000e-005 | 8.0100e-003 | 2.1200e-003 | 2.0000e-005 | 2.1400e-003 | 0.0000 | 4.3298 | 4.3298 | 4.0000e-005 | 0.0000 | 4.3307 |
| Total | 1.1300e-003 | 5.9000e-004 | 8.9600e-003 | 5.0000e-005 | 7.9900e-003 | 2.0000e-005 | 8.0100e-003 | 2.1200e-003 | 2.0000e-005 | 2.1400e-003 | 0.0000 | 4.3298 | 4.3298 | 4.0000e-005 | 0.0000 | 4.3307 |

3.6 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 | 0.0935 | 0.3382 | 1.4631 | 2.5900e-003 | | 0.0108 | 0.0108 | | 0.0108 | 0.0108 | 0.0000 | 222.9205 | 222.9205 | 7.4900e-003 | 0.0000 | 223.1078 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0935 | 0.3382 | 1.4631 | 2.5900e-003 | | 0.0108 | 0.0108 | | 0.0108 | 0.0108 | 0.0000 | 222.9205 | 222.9205 | 7.4900e-003 | 0.0000 | 223.1078 |

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3.6 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 | 1.4400e-003 | 7.6000e-004 | 0.0114 | 6.0000e-005 | 0.0102 | 3.0000e-005 | 0.0102 | 2.7100e-003 | 2.0000e-005 | 2.7300e-003 | 0.0000 | 5.5242 | 5.5242 | 5.0000e-005 | 0.0000 | 5.5254 |
| Total | 1.4400e-003 | 7.6000e-004 | 0.0114 | 6.0000e-005 | 0.0102 | 3.0000e-005 | 0.0102 | 2.7100e-003 | 2.0000e-005 | 2.7300e-003 | 0.0000 | 5.5242 | 5.5242 | 5.0000e-005 | 0.0000 | 5.5254 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0935 | 0.3382 | 1.4631 | 2.5900e-003 | | 0.0108 | 0.0108 | | 0.0108 | 0.0108 | 0.0000 | 222.9203 | 222.9203 | 7.4900e-003 | 0.0000 | 223.1076 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0935 | 0.3382 | 1.4631 | 2.5900e-003 | | 0.0108 | 0.0108 | | 0.0108 | 0.0108 | 0.0000 | 222.9203 | 222.9203 | 7.4900e-003 | 0.0000 | 223.1076 |

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3.6 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 | 1.4400e-003 | 7.6000e-004 | 0.0114 | 6.0000e-005 | 0.0102 | 3.0000e-005 | 0.0102 | 2.7100e-003 | 2.0000e-005 | 2.7300e-003 | 0.0000 | 5.5242 | 5.5242 | 5.0000e-005 | 0.0000 | 5.5254 |
| Total | 1.4400e-003 | 7.6000e-004 | 0.0114 | 6.0000e-005 | 0.0102 | 3.0000e-005 | 0.0102 | 2.7100e-003 | 2.0000e-005 | 2.7300e-003 | 0.0000 | 5.5242 | 5.5242 | 5.0000e-005 | 0.0000 | 5.5254 |

3.7 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 | 7.6929 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 4.3700e-003 | 0.0276 | 0.0681 | 1.1000e-004 | | 2.8000e-004 | 2.8000e-004 | | 2.8000e-004 | 2.8000e-004 | 0.0000 | 9.7024 | 9.7024 | 3.4000e-004 | 0.0000 | 9.7109 |
| Total | 7.6972 | 0.0276 | 0.0681 | 1.1000e-004 | | 2.8000e-004 | 2.8000e-004 | | 2.8000e-004 | 2.8000e-004 | 0.0000 | 9.7024 | 9.7024 | 3.4000e-004 | 0.0000 | 9.7109 |

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3.7 Architectural Coating - 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 | 0.0410 | 0.0216 | 0.3259 | 1.7400e-003 | 0.2905 | 7.5000e-004 | 0.2913 | 0.0773 | 6.9000e-004 | 0.0780 | 0.0000 | 157.4955 | 157.4955 | 1.3800e-003 | 0.0000 | 157.5301 |
| Total | 0.0410 | 0.0216 | 0.3259 | 1.7400e-003 | 0.2905 | 7.5000e-004 | 0.2913 | 0.0773 | 6.9000e-004 | 0.0780 | 0.0000 | 157.4955 | 157.4955 | 1.3800e-003 | 0.0000 | 157.5301 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 7.6929 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 4.3700e-003 | 0.0276 | 0.0681 | 1.1000e-004 | | 2.8000e-004 | 2.8000e-004 | | 2.8000e-004 | 2.8000e-004 | 0.0000 | 9.7024 | 9.7024 | 3.4000e-004 | 0.0000 | 9.7109 |
| Total | 7.6972 | 0.0276 | 0.0681 | 1.1000e-004 | | 2.8000e-004 | 2.8000e-004 | | 2.8000e-004 | 2.8000e-004 | 0.0000 | 9.7024 | 9.7024 | 3.4000e-004 | 0.0000 | 9.7109 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.7 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 | 0.0410 | 0.0216 | 0.3259 | 1.7400e-003 | 0.2905 | 7.5000e-004 | 0.2913 | 0.0773 | 6.9000e-004 | 0.0780 | 0.0000 | 157.4955 | 157.4955 | 1.3800e-003 | 0.0000 | 157.5301 |
| Total | 0.0410 | 0.0216 | 0.3259 | 1.7400e-003 | 0.2905 | 7.5000e-004 | 0.2913 | 0.0773 | 6.9000e-004 | 0.0780 | 0.0000 | 157.4955 | 157.4955 | 1.3800e-003 | 0.0000 | 157.5301 |

3.7 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 | 25.7103 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0146 | 0.0923 | 0.2276 | 3.8000e-004 | | 9.4000e-004 | 9.4000e-004 | | 9.4000e-004 | 9.4000e-004 | 0.0000 | 32.4263 | 32.4263 | 1.1400e-003 | 0.0000 | 32.4549 |
| Total | 25.7249 | 0.0923 | 0.2276 | 3.8000e-004 | | 9.4000e-004 | 9.4000e-004 | | 9.4000e-004 | 9.4000e-004 | 0.0000 | 32.4263 | 32.4263 | 1.1400e-003 | 0.0000 | 32.4549 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.7 Architectural Coating - 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 | 0.1369 | 0.0722 | 1.0890 | 5.8100e-003 | 0.9710 | 2.5000e-003 | 0.9735 | 0.2583 | 2.3000e-003 | 0.2606 | 0.0000 | 526.3664 | 526.3664 | 4.6300e-003 | 0.0000 | 526.4820 |
| Total | 0.1369 | 0.0722 | 1.0890 | 5.8100e-003 | 0.9710 | 2.5000e-003 | 0.9735 | 0.2583 | 2.3000e-003 | 0.2606 | 0.0000 | 526.3664 | 526.3664 | 4.6300e-003 | 0.0000 | 526.4820 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 25.7103 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0146 | 0.0923 | 0.2276 | 3.8000e-004 | | 9.4000e-004 | 9.4000e-004 | | 9.4000e-004 | 9.4000e-004 | 0.0000 | 32.4263 | 32.4263 | 1.1400e-003 | 0.0000 | 32.4548 |
| Total | 25.7249 | 0.0923 | 0.2276 | 3.8000e-004 | | 9.4000e-004 | 9.4000e-004 | | 9.4000e-004 | 9.4000e-004 | 0.0000 | 32.4263 | 32.4263 | 1.1400e-003 | 0.0000 | 32.4548 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.7 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 | 0.1369 | 0.0722 | 1.0890 | 5.8100e-003 | 0.9710 | 2.5000e-003 | 0.9735 | 0.2583 | 2.3000e-003 | 0.2606 | 0.0000 | 526.3664 | 526.3664 | 4.6300e-003 | 0.0000 | 526.4820 |
| Total | 0.1369 | 0.0722 | 1.0890 | 5.8100e-003 | 0.9710 | 2.5000e-003 | 0.9735 | 0.2583 | 2.3000e-003 | 0.2606 | 0.0000 | 526.3664 | 526.3664 | 4.6300e-003 | 0.0000 | 526.4820 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

West Broadway Future_VMT Adj_incl Project Features - Sacramento 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 | 5.6491 | 29.6410 | 53.7260 | 0.2351 | 26.4229 | 0.1259 | 26.5489 | 7.0746 | 0.1170 | 7.1915 | 0.0000 | 21,783.73 69 | 21,783.73 69 | 0.8793 | 0.0000 | 21,805.72 00 |
| Unmitigated | 5.6692 | 29.7395 | 54.1924 | 0.2377 | 26.7438 | 0.1271 | 26.8710 | 7.1605 | 0.1181 | 7.2786 | 0.0000 | 22,018.63 11 | 22,018.63 1 | 0.8863 | 0.0000 | 22,040.78 80 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|--------------------------|-------------------------|------------------|------------------|-------------------|-------------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Apartments Low Rise | 10,972.35 | 11,921.40 | 10106.55 | 13,501,464 | 13,339,447 |
| Apartments Mid Rise | 20,515.25 | 19,713.15 | 18078.10 | 34,799,150 | 34,381,560 |
| City Park | 150.26 | 1,808.63 | 1330.83 | 1,025,459 | 1,013,153 |
| Condo/Townhouse | 871.50 | 850.50 | 726.00 | 2,175,327 | 2,149,223 |
| Elementary School | 1,535.29 | 0.00 | 0.00 | 2,306,054 | 2,278,381 |
| General Light Industry | 1,290.84 | 244.46 | 125.94 | 2,696,455 | 2,664,098 |
| Racquet Club | 883.89 | 1,345.05 | 1096.20 | 1,294,152 | 1,278,622 |
| Regional Shopping Center | 10,419.65 | 12,193.68 | 6159.06 | 14,063,079 | 13,894,322 |
| Total | 46,639.03 | 48,076.87 | 37,622.68 | 71,861,140 | 70,998,807 |

4.3 Trip Type Information

West Broadway Future_VMT Adj_incl Project Features - Sacramento 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 |
| Apartments Low Rise | 1.10 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| Apartments Mid Rise | 4.47 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| City Park | 10.00 | 5.00 | 6.50 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |
| Condo/Townhouse | 10.00 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| Elementary School | 10.00 | 5.00 | 6.50 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| General Light Industry | 10.00 | 5.00 | 6.50 | 59.00 | 28.00 | 13.00 | 92 | 5 | 3 |
| Racquet Club | 10.00 | 5.00 | 6.50 | 11.50 | 69.50 | 19.00 | 52 | 39 | 9 |
| Regional Shopping Center | 10.00 | 5.00 | 6.50 | 16.30 | 64.70 | 19.00 | 54 | 35 | 11 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments Low Rise | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Apartments Mid Rise | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| City Park | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Condo/Townhouse | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Elementary School | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| General Light Industry | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Racquet Club | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Regional Shopping Center | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway Future_VMT Adj_incl Project Features - Sacramento 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 | 1,817.3299 | 1,817.3299 | 0.3664 | 0.0758 | 1,849.0779 |
| Electricity Unmitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 1,817.3299 | 1,817.3299 | 0.3664 | 0.0758 | 1,849.0779 |
| NaturalGas Mitigated | 0.3225 | 2.7905 | 1.4258 | 0.0176 | | | 0.2228 | 0.2228 | | 0.2228 | 0.2228 | 3,191.7732 | 3,191.7732 | 0.0612 | 0.0585 | 3,210.7403 |
| NaturalGas Unmitigated | 0.3225 | 2.7905 | 1.4258 | 0.0176 | | | 0.2228 | 0.2228 | | 0.2228 | 0.2228 | 3,191.7732 | 3,191.7732 | 0.0612 | 0.0585 | 3,210.7403 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento 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 | | | | | |
| Apartments Low Rise | 1.81072e+007 | 0.0976 | 0.8344 | 0.3550 | 5.3300e-003 | | 0.0675 | 0.0675 | | 0.0675 | 0.0675 | 0.0000 | 966.2693 | 966.2693 | 0.0185 | 0.0177 | 972.0113 |
| Apartments Mid Rise | 2.7241e+007 | 0.1469 | 1.2552 | 0.5341 | 8.0100e-003 | | 0.1015 | 0.1015 | | 0.1015 | 0.1015 | 0.0000 | 1,453.6853 | 1,453.6853 | 0.0279 | 0.0267 | 1,462.3239 |
| 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 | 2.73433e+006 | 0.0147 | 0.1260 | 0.0536 | 8.0000e-004 | | 0.0102 | 0.0102 | | 0.0102 | 0.0102 | 0.0000 | 145.9145 | 145.9145 | 2.8000e-003 | 2.6800e-003 | 146.7816 |
| Elementary School | 1.51837e+006 | 8.1900e-003 | 0.0744 | 0.0625 | 4.5000e-004 | | 5.6600e-003 | 5.6600e-003 | | 5.6600e-003 | 5.6600e-003 | 0.0000 | 81.0260 | 81.0260 | 1.5500e-003 | 1.4900e-003 | 81.5075 |
| General Light Industry | 6.63201e+006 | 0.0358 | 0.3251 | 0.2731 | 1.9500e-003 | | 0.0247 | 0.0247 | | 0.0247 | 0.0247 | 0.0000 | 353.9094 | 353.9094 | 6.7800e-003 | 6.4900e-003 | 356.0125 |
| Racquet Club | 2.25603e+006 | 0.0122 | 0.1106 | 0.0929 | 6.6000e-004 | | 8.4000e-003 | 8.4000e-003 | | 8.4000e-003 | 8.4000e-003 | 0.0000 | 120.3904 | 120.3904 | 2.3100e-003 | 2.2100e-003 | 121.1058 |
| Regional Shopping Center | 1.32259e+006 | 7.1300e-003 | 0.0648 | 0.0545 | 3.9000e-004 | | 4.9300e-003 | 4.9300e-003 | | 4.9300e-003 | 4.9300e-003 | 0.0000 | 70.5784 | 70.5784 | 1.3500e-003 | 1.2900e-003 | 70.9978 |
| Total | | 0.3225 | 2.7905 | 1.4258 | 0.0176 | | 0.2228 | 0.2228 | | 0.2228 | 0.2228 | 0.0000 | 3,191.7732 | 3,191.7732 | 0.0612 | 0.0585 | 3,210.7403 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento 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 | | | | | |
| Apartments Low Rise | 1.81072e+007 | 0.0976 | 0.8344 | 0.3550 | 5.3300e-003 | | 0.0675 | 0.0675 | | 0.0675 | 0.0675 | 0.0000 | 966.2693 | 966.2693 | 0.0185 | 0.0177 | 972.0113 |
| Apartments Mid Rise | 2.7241e+007 | 0.1469 | 1.2552 | 0.5341 | 8.0100e-003 | | 0.1015 | 0.1015 | | 0.1015 | 0.1015 | 0.0000 | 1,453.6853 | 1,453.6853 | 0.0279 | 0.0267 | 1,462.3239 |
| 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 | 2.73433e+006 | 0.0147 | 0.1260 | 0.0536 | 8.0000e-004 | | 0.0102 | 0.0102 | | 0.0102 | 0.0102 | 0.0000 | 145.9145 | 145.9145 | 2.8000e-003 | 2.6800e-003 | 146.7816 |
| Elementary School | 1.51837e+006 | 8.1900e-003 | 0.0744 | 0.0625 | 4.5000e-004 | | 5.6600e-003 | 5.6600e-003 | | 5.6600e-003 | 5.6600e-003 | 0.0000 | 81.0260 | 81.0260 | 1.5500e-003 | 1.4900e-003 | 81.5075 |
| General Light Industry | 6.63201e+006 | 0.0358 | 0.3251 | 0.2731 | 1.9500e-003 | | 0.0247 | 0.0247 | | 0.0247 | 0.0247 | 0.0000 | 353.9094 | 353.9094 | 6.7800e-003 | 6.4900e-003 | 356.0125 |
| Racquet Club | 2.25603e+006 | 0.0122 | 0.1106 | 0.0929 | 6.6000e-004 | | 8.4000e-003 | 8.4000e-003 | | 8.4000e-003 | 8.4000e-003 | 0.0000 | 120.3904 | 120.3904 | 2.3100e-003 | 2.2100e-003 | 121.1058 |
| Regional Shopping Center | 1.32259e+006 | 7.1300e-003 | 0.0648 | 0.0545 | 3.9000e-004 | | 4.9300e-003 | 4.9300e-003 | | 4.9300e-003 | 4.9300e-003 | 0.0000 | 70.5784 | 70.5784 | 1.3500e-003 | 1.2900e-003 | 70.9978 |
| Total | | 0.3225 | 2.7905 | 1.4258 | 0.0176 | | 0.2228 | 0.2228 | | 0.2228 | 0.2228 | 0.0000 | 3,191.7732 | 3,191.7732 | 0.0612 | 0.0585 | 3,210.7403 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| Apartments Low Rise | 7.03188e+006 | 458.8248 | 0.0925 | 0.0191 | 466.8403 |
| Apartments Mid Rise | 1.30317e+007 | 850.3060 | 0.1714 | 0.0355 | 865.1605 |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 772652 | 50.4149 | 0.0102 | 2.1000e-003 | 51.2957 |
| Elementary School | 728340 | 47.5237 | 9.5800e-003 | 1.9800e-003 | 48.3539 |
| General Light Industry | 2.81134e+006 | 183.4376 | 0.0370 | 7.6500e-003 | 186.6422 |
| Racquet Club | 892080 | 58.2076 | 0.0117 | 2.4300e-003 | 59.2244 |
| Regional Shopping Center | 2.58417e+006 | 168.6153 | 0.0340 | 7.0300e-003 | 171.5609 |
| Total | | 1,817.3299 | 0.3664 | 0.0758 | 1,849.0779 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| Apartments Low Rise | 7.03188e+006 | 458.8248 | 0.0925 | 0.0191 | 466.8403 |
| Apartments Mid Rise | 1.30317e+007 | 850.3060 | 0.1714 | 0.0355 | 865.1605 |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 772652 | 50.4149 | 0.0102 | 2.1000e-003 | 51.2957 |
| Elementary School | 728340 | 47.5237 | 9.5800e-003 | 1.9800e-003 | 48.3539 |
| General Light Industry | 2.81134e+006 | 183.4376 | 0.0370 | 7.6500e-003 | 186.6422 |
| Racquet Club | 892080 | 58.2076 | 0.0117 | 2.4300e-003 | 59.2244 |
| Regional Shopping Center | 2.58417e+006 | 168.6153 | 0.0340 | 7.0300e-003 | 171.5609 |
| Total | | 1,817.3299 | 0.3664 | 0.0758 | 1,849.0779 |

6.0 Area Detail

6.1 Mitigation Measures Area

West Broadway Future_VMT Adj_incl Project Features - Sacramento 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 | 26.3271 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |
| Unmitigated | 26.3271 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |

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 | 3.3403 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 21.4805 | | | | | 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 | 1.5064 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |
| Total | 26.3271 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento 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 | 3.3403 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 21.4805 | | | | | 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 | 1.5064 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |
| Total | 26.3271 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |

7.0 Water Detail

7.1 Mitigation Measures Water

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|--------|--------|----------|
| Category | MT/yr | | | |
| Mitigated | 334.9243 | 0.5109 | 0.3058 | 438.8385 |
| Unmitigated | 334.9243 | 0.5109 | 0.3058 | 438.8385 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

7.2 Water by Land Use**Unmitigated**

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| Apartments Low Rise | 108.481 / 68.3905 | 89.2679 | 0.1424 | 0.0856 | 118.3323 |
| Apartments Mid Rise | 201 / 126.717 | 165.4003 | 0.2638 | 0.1586 | 219.2524 |
| City Park | 0 / 94.7228 | 21.6321 | 4.3600e-003 | 9.0000e-004 | 22.0100 |
| Condo/Townhouse | 9.7731 / 6.1613 | 8.0422 | 0.0128 | 7.7100e-003 | 10.6606 |
| Elementary School | 2.88519 / 7.41907 | 3.6531 | 4.0400e-003 | 2.3300e-003 | 4.4485 |
| General Light Industry | 42.8275 / 0 | 29.0761 | 0.0550 | 0.0335 | 40.4428 |
| Racquet Club | 3.72602 / 2.28369 | 3.0512 | 4.8900e-003 | 2.9400e-003 | 4.0492 |
| Regional Shopping Center | 18.0752 / 11.0783 | 14.8015 | 0.0237 | 0.0143 | 19.6429 |
| Total | | 334.9243 | 0.5109 | 0.3058 | 438.8385 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

7.2 Water by Land Use**Mitigated**

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| Apartments Low Rise | 108.481 / 68.3905 | 89.2679 | 0.1424 | 0.0856 | 118.3323 |
| Apartments Mid Rise | 201 / 126.717 | 165.4003 | 0.2638 | 0.1586 | 219.2524 |
| City Park | 0 / 94.7228 | 21.6321 | 4.3600e-003 | 9.0000e-004 | 22.0100 |
| Condo/Townhouse | 9.7731 / 6.1613 | 8.0422 | 0.0128 | 7.7100e-003 | 10.6606 |
| Elementary School | 2.88519 / 7.41907 | 3.6531 | 4.0400e-003 | 2.3300e-003 | 4.4485 |
| General Light Industry | 42.8275 / 0 | 29.0761 | 0.0550 | 0.0335 | 40.4428 |
| Racquet Club | 3.72602 / 2.28369 | 3.0512 | 4.8900e-003 | 2.9400e-003 | 4.0492 |
| Regional Shopping Center | 18.0752 / 11.0783 | 14.8015 | 0.0237 | 0.0143 | 19.6429 |
| Total | | 334.9243 | 0.5109 | 0.3058 | 438.8385 |

8.0 Waste Detail**8.1 Mitigation Measures Waste**

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|---------|--------|------------|
| | MT/yr | | | |
| Mitigated | 656.7082 | 38.8104 | 0.0000 | 1,626.9669 |
| Unmitigated | 656.7082 | 38.8104 | 0.0000 | 1,626.9669 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

8.2 Waste by Land Use**Unmitigated**

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|----------------|-----------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| Apartments Low Rise | 765.9 | 155.4708 | 9.1881 | 0.0000 | 385.1723 |
| Apartments Mid Rise | 1419.1 | 288.0645 | 17.0241 | 0.0000 | 713.6675 |
| City Park | 6.84 | 1.3885 | 0.0821 | 0.0000 | 3.4399 |
| Condo/Townhouse | 69 | 14.0064 | 0.8278 | 0.0000 | 34.7002 |
| Elementary School | 129.35 | 26.2569 | 1.5517 | 0.0000 | 65.0503 |
| General Light Industry | 229.65 | 46.6169 | 2.7550 | 0.0000 | 115.4913 |
| Racquet Club | 359.1 | 72.8941 | 4.3079 | 0.0000 | 180.5919 |
| Regional Shopping Center | 256.22 | 52.0103 | 3.0737 | 0.0000 | 128.8534 |
| Total | | 656.7082 | 38.8104 | 0.0000 | 1,626.9669 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

8.2 Waste by Land Use

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|----------------|-----------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| Apartments Low Rise | 765.9 | 155.4708 | 9.1881 | 0.0000 | 385.1723 |
| Apartments Mid Rise | 1419.1 | 288.0645 | 17.0241 | 0.0000 | 713.6675 |
| City Park | 6.84 | 1.3885 | 0.0821 | 0.0000 | 3.4399 |
| Condo/Townhouse | 69 | 14.0064 | 0.8278 | 0.0000 | 34.7002 |
| Elementary School | 129.35 | 26.2569 | 1.5517 | 0.0000 | 65.0503 |
| General Light Industry | 229.65 | 46.6169 | 2.7550 | 0.0000 | 115.4913 |
| Racquet Club | 359.1 | 72.8941 | 4.3079 | 0.0000 | 180.5919 |
| Regional Shopping Center | 256.22 | 52.0103 | 3.0737 | 0.0000 | 128.8534 |
| Total | | 656.7082 | 38.8104 | 0.0000 | 1,626.9669 |

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

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

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

User Defined Equipment

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

11.0 Vegetation

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

West Broadway Future_VMT Adj_incl Project Features
Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|--------------------------|----------|---------------|-------------|--------------------|------------|
| Elementary School | 99.50 | 1000sqft | 2.28 | 99,500.00 | 0 |
| General Light Industry | 185.20 | 1000sqft | 4.25 | 185,200.00 | 0 |
| City Park | 79.50 | Acre | 79.50 | 3,463,020.00 | 0 |
| Racquet Club | 63.00 | 1000sqft | 1.45 | 63,000.00 | 0 |
| Apartments Low Rise | 1,665.00 | Dwelling Unit | 104.06 | 1,665,000.00 | 4446 |
| Apartments Mid Rise | 3,085.00 | Dwelling Unit | 81.18 | 3,085,000.00 | 8237 |
| Condo/Townhouse | 150.00 | Dwelling Unit | 9.38 | 150,000.00 | 401 |
| Regional Shopping Center | 244.02 | 1000sqft | 5.60 | 244,020.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|---------------------------------|---------------------------------------|---------------------------------|-------|----------------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.5 | Precipitation Freq (Days) | 58 |
| Climate Zone | 6 | | | Operational Year | 2035 |
| Utility Company | Sacramento Municipal Utility District | | | | |
| CO2 Intensity (lb/MW hr) | 143.85 | CH4 Intensity (lb/MW hr) | 0.029 | N2O Intensity (lb/MW hr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

Mobile Land Use Mitigation -
 Area Mitigation -

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| Table Name | Column Name | Default Value | New Value |
|---------------------------|--------------------|---------------|-----------|
| tblEnergyUse | T24E | 511.12 | 240.23 |
| tblEnergyUse | T24E | 460.92 | 428.66 |
| tblEnergyUse | T24E | 381.61 | 354.90 |
| tblEnergyUse | T24E | 3.41 | 2.39 |
| tblEnergyUse | T24E | 3.26 | 2.28 |
| tblProjectCharacteristics | CO2IntensityFactor | 590.31 | 143.85 |
| tblVehicleTrips | HW_TL | 10.00 | 1.10 |
| tblVehicleTrips | HW_TL | 10.00 | 4.47 |

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| 2020 | 3.4031 | 34.1972 | 22.4625 | 0.0428 | 0.9636 | 1.6630 | 2.6266 | 0.1669 | 1.5460 | 1.7128 | 0.0000 | 4,161.0109 | 4,161.0109 | 1.0780 | 0.0000 | 4,187.9619 |
| 2021 | 4.2713 | 46.4409 | 31.4768 | 0.0636 | 18.2032 | 2.0454 | 20.2486 | 9.9670 | 1.8818 | 11.8488 | 0.0000 | 6,160.3393 | 6,160.3393 | 1.9469 | 0.0000 | 6,209.0112 |
| 2022 | 3.6996 | 38.8804 | 29.5925 | 0.0636 | 8.8255 | 1.6359 | 10.4614 | 3.6369 | 1.5050 | 5.1419 | 0.0000 | 6,159.2088 | 6,159.2088 | 1.9479 | 0.0000 | 6,207.9058 |
| 2023 | 22.4719 | 119.2605 | 173.1881 | 0.6835 | 46.7565 | 1.4255 | 47.8455 | 12.5632 | 1.3114 | 13.5850 | 0.0000 | 69,810.4029 | 69,810.4029 | 2.9444 | 0.0000 | 69,884.0130 |
| 2024 | 21.1338 | 115.6870 | 161.9332 | 0.6672 | 46.7558 | 0.9904 | 47.7462 | 12.5630 | 0.9287 | 13.4917 | 0.0000 | 68,192.7327 | 68,192.7327 | 2.8390 | 0.0000 | 68,263.7070 |
| 2025 | 19.9569 | 112.2740 | 151.7380 | 0.6511 | 46.7551 | 0.8936 | 47.6488 | 12.5628 | 0.8376 | 13.4004 | 0.0000 | 66,595.6557 | 66,595.6557 | 2.7463 | 0.0000 | 66,664.3125 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| 2026 | 19.0027 | 110.0231 | 143.0229 | 0.6366 | 46.7546 | 0.8801 | 47.6347 | 12.5625 | 0.8249 | 13.3875 | 0.0000 | 65,163.0979 | 65,163.0979 | 2.6682 | 0.0000 | 65,229.8032 |
| 2027 | 18.0807 | 107.9678 | 135.1941 | 0.6236 | 46.7541 | 0.8631 | 47.6171 | 12.5624 | 0.8090 | 13.3713 | 0.0000 | 63,874.9207 | 63,874.9207 | 2.5966 | 0.0000 | 63,939.8367 |
| 2028 | 17.1520 | 106.1917 | 128.3256 | 0.6121 | 46.7537 | 0.8433 | 47.5969 | 12.5622 | 0.7906 | 13.3528 | 0.0000 | 62,737.2379 | 62,737.2379 | 2.5328 | 0.0000 | 62,800.5571 |
| 2029 | 16.1568 | 104.5102 | 121.8388 | 0.6020 | 46.7533 | 0.8240 | 47.5773 | 12.5621 | 0.7727 | 13.3347 | 0.0000 | 61,726.9421 | 61,726.9421 | 2.4713 | 0.0000 | 61,788.7242 |
| 2030 | 15.1379 | 98.4166 | 116.1306 | 0.5970 | 46.7529 | 0.4263 | 47.1793 | 12.5619 | 0.4075 | 12.9695 | 0.0000 | 61,177.4763 | 61,177.4763 | 1.9297 | 0.0000 | 61,225.7177 |
| 2031 | 14.1377 | 96.9869 | 110.7029 | 0.5891 | 46.7527 | 0.4092 | 47.1619 | 12.5618 | 0.3916 | 12.9535 | 0.0000 | 60,399.9736 | 60,399.9736 | 1.8776 | 0.0000 | 60,446.9129 |
| 2032 | 13.2426 | 95.6826 | 105.9571 | 0.5824 | 46.7524 | 0.3939 | 47.1463 | 12.5617 | 0.3774 | 12.9391 | 0.0000 | 59,728.1829 | 59,728.1829 | 1.8321 | 0.0000 | 59,773.9847 |
| 2033 | 12.5072 | 94.5469 | 101.9519 | 0.5765 | 46.7522 | 0.3803 | 47.1325 | 12.5617 | 0.3647 | 12.9264 | 0.0000 | 59,148.3275 | 59,148.3275 | 1.7936 | 0.0000 | 59,193.1664 |
| 2034 | 11.8418 | 93.5149 | 98.1731 | 0.5715 | 46.7520 | 0.3674 | 47.1195 | 12.5616 | 0.3528 | 12.9144 | 0.0000 | 58,649.2777 | 58,649.2777 | 1.7576 | 0.0000 | 58,693.2175 |
| 2035 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.3685 | 58,226.3685 | 1.7179 | 0.0000 | 58,269.3164 |
| 2036 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.3685 | 58,226.3685 | 1.7179 | 0.0000 | 58,269.3164 |
| 2037 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.3685 | 58,226.3685 | 1.7179 | 0.0000 | 58,269.3164 |
| 2038 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.3685 | 58,226.3685 | 1.7179 | 0.0000 | 58,269.3164 |
| 2039 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.3685 | 58,226.3685 | 1.7179 | 0.0000 | 58,269.3164 |
| 2040 | 9.0426 | 88.6590 | 84.9205 | 0.5548 | 46.7513 | 0.2459 | 46.9972 | 12.5613 | 0.2347 | 12.7960 | 0.0000 | 56,996.9660 | 56,996.9660 | 1.6108 | 0.0000 | 57,037.2347 |
| 2041 | 9.0426 | 88.6590 | 84.9205 | 0.5548 | 46.7513 | 0.2459 | 46.9972 | 12.5613 | 0.2347 | 12.7960 | 0.0000 | 56,996.9660 | 56,996.9660 | 1.6108 | 0.0000 | 57,037.2347 |
| 2042 | 203.7631 | 3.6641 | 15.9692 | 0.0536 | 7.9189 | 0.1167 | 7.9460 | 2.1006 | 0.1167 | 2.1261 | 0.0000 | 5,339.7072 | 5,339.7072 | 0.0899 | 0.0000 | 5,341.1070 |
| 2043 | 203.7631 | 1.2458 | 12.3048 | 0.0536 | 7.9189 | 0.0271 | 7.9460 | 2.1006 | 0.0255 | 2.1261 | 0.0000 | 5,339.7072 | 5,339.7072 | 0.0560 | 0.0000 | 5,341.1070 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| | | | | | | | | | | | | | | | | |
|---------|----------|----------|----------|--------|---------|--------|---------|---------|--------|---------|--------|-----------------|-----------------|--------|--------|-----------------|
| Maximum | 203.7631 | 119.2605 | 173.1881 | 0.6835 | 46.7565 | 2.0454 | 47.8455 | 12.5632 | 1.8818 | 13.5850 | 0.0000 | 69,810.40 29 | 69,810.40 29 | 2.9444 | 0.0000 | 69,884.01 30 |
|---------|----------|----------|----------|--------|---------|--------|---------|---------|--------|---------|--------|-----------------|-----------------|--------|--------|-----------------|

2.1 Overall Construction (Maximum Daily Emission)

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| 2020 | 3.4031 | 34.1972 | 22.4625 | 0.0428 | 0.9636 | 1.6630 | 2.6266 | 0.1669 | 1.5460 | 1.7128 | 0.0000 | 4,161.010 9 | 4,161.010 9 | 1.0780 | 0.0000 | 4,187.961 9 |
| 2021 | 4.2713 | 46.4409 | 31.4768 | 0.0636 | 18.2032 | 2.0454 | 20.2486 | 9.9670 | 1.8818 | 11.8488 | 0.0000 | 6,160.339 2 | 6,160.339 2 | 1.9469 | 0.0000 | 6,209.0112 |
| 2022 | 3.6996 | 38.8804 | 29.5925 | 0.0636 | 8.8255 | 1.6359 | 10.4614 | 3.6369 | 1.5050 | 5.1419 | 0.0000 | 6,159.208 8 | 6,159.208 8 | 1.9479 | 0.0000 | 6,207.905 8 |
| 2023 | 22.4719 | 119.2605 | 173.1881 | 0.6835 | 46.7565 | 1.4255 | 47.8455 | 12.5632 | 1.3114 | 13.5850 | 0.0000 | 69,810.40 29 | 69,810.40 29 | 2.9444 | 0.0000 | 69,884.01 30 |
| 2024 | 21.1338 | 115.6870 | 161.9332 | 0.6672 | 46.7558 | 0.9904 | 47.7462 | 12.5630 | 0.9287 | 13.4917 | 0.0000 | 68,192.73 27 | 68,192.73 27 | 2.8390 | 0.0000 | 68,263.70 70 |
| 2025 | 19.9569 | 112.2740 | 151.7380 | 0.6511 | 46.7551 | 0.8936 | 47.6488 | 12.5628 | 0.8376 | 13.4004 | 0.0000 | 66,595.65 57 | 66,595.65 57 | 2.7463 | 0.0000 | 66,664.31 25 |
| 2026 | 19.0027 | 110.0231 | 143.0229 | 0.6366 | 46.7546 | 0.8801 | 47.6347 | 12.5625 | 0.8249 | 13.3875 | 0.0000 | 65,163.09 79 | 65,163.09 79 | 2.6682 | 0.0000 | 65,229.80 32 |
| 2027 | 18.0807 | 107.9678 | 135.1941 | 0.6236 | 46.7541 | 0.8631 | 47.6171 | 12.5624 | 0.8090 | 13.3713 | 0.0000 | 63,874.92 07 | 63,874.92 07 | 2.5966 | 0.0000 | 63,939.83 67 |
| 2028 | 17.1520 | 106.1917 | 128.3256 | 0.6121 | 46.7537 | 0.8433 | 47.5969 | 12.5622 | 0.7906 | 13.3528 | 0.0000 | 62,737.23 79 | 62,737.23 79 | 2.5328 | 0.0000 | 62,800.55 71 |
| 2029 | 16.1568 | 104.5102 | 121.8388 | 0.6020 | 46.7533 | 0.8240 | 47.5773 | 12.5621 | 0.7727 | 13.3347 | 0.0000 | 61,726.94 21 | 61,726.94 21 | 2.4713 | 0.0000 | 61,788.72 42 |
| 2030 | 15.1379 | 98.4166 | 116.1306 | 0.5970 | 46.7529 | 0.4263 | 47.1793 | 12.5619 | 0.4075 | 12.9695 | 0.0000 | 61,177.47 63 | 61,177.47 63 | 1.9297 | 0.0000 | 61,225.71 77 |
| 2031 | 14.1377 | 96.9869 | 110.7029 | 0.5891 | 46.7527 | 0.4092 | 47.1619 | 12.5618 | 0.3916 | 12.9535 | 0.0000 | 60,399.97 36 | 60,399.97 36 | 1.8776 | 0.0000 | 60,446.91 29 |
| 2032 | 13.2426 | 95.6826 | 105.9571 | 0.5824 | 46.7524 | 0.3939 | 47.1463 | 12.5617 | 0.3774 | 12.9391 | 0.0000 | 59,728.18 29 | 59,728.18 29 | 1.8321 | 0.0000 | 59,773.98 47 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Area | 148.0552 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | 0.0000 | 728.0532 | 728.0532 | 0.6933 | 0.0000 | 745.3858 |
| Energy | 1.9214 | 16.6078 | 8.3729 | 0.1048 | | 1.3275 | 1.3275 | | 1.3275 | 1.3275 | | 20,960.1757 | 20,960.1757 | 0.4017 | 0.3843 | 21,084.7316 |
| Mobile | 46.7006 | 181.9336 | 372.0580 | 1.5920 | 172.4106 | 0.7899 | 173.2004 | 46.0310 | 0.7335 | 46.7645 | | 162,360.3128 | 162,360.3128 | 6.0713 | | 162,512.0965 |
| Total | 196.6771 | 203.1896 | 783.3343 | 1.7181 | 172.4106 | 4.3594 | 176.7700 | 46.0310 | 4.3030 | 50.3340 | 0.0000 | 184,048.5417 | 184,048.5417 | 7.1664 | 0.3843 | 184,342.2138 |

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Area | 148.0552 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | 0.0000 | 728.0532 | 728.0532 | 0.6933 | 0.0000 | 745.3858 |
| Energy | 1.9214 | 16.6078 | 8.3729 | 0.1048 | | 1.3275 | 1.3275 | | 1.3275 | 1.3275 | | 20,960.1757 | 20,960.1757 | 0.4017 | 0.3843 | 21,084.7316 |
| Mobile | 46.5717 | 181.3661 | 368.5582 | 1.5749 | 170.3417 | 0.7824 | 171.1241 | 45.4786 | 0.7266 | 46.2052 | | 160,621.2080 | 160,621.2080 | 6.0219 | | 160,771.7547 |
| Total | 196.5482 | 202.6221 | 779.8345 | 1.7010 | 170.3417 | 4.3520 | 174.6936 | 45.4786 | 4.2961 | 49.7747 | 0.0000 | 182,309.4369 | 182,309.4369 | 7.1169 | 0.3843 | 182,601.8720 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | 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 | 0.07 | 0.28 | 0.45 | 0.99 | 1.20 | 0.17 | 1.17 | 1.20 | 0.16 | 1.11 | 0.00 | 0.94 | 0.94 | 0.69 | 0.00 | 0.94 |

3.0 Construction Detail

Construction Phase

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1 | Demolition | Demolition | 1/1/2020 | 2/23/2021 | 5 | 300 | |
| 2 | Site Preparation | Site Preparation | 2/24/2021 | 11/2/2021 | 5 | 180 | |
| 3 | Grading | Grading | 11/3/2021 | 8/15/2023 | 5 | 465 | |
| 4 | Building Construction | Building Construction | 8/16/2023 | 6/11/2041 | 5 | 4650 | |
| 5 | Paving | Paving | 6/12/2041 | 9/16/2042 | 5 | 330 | |
| 6 | Architectural Coating | Architectural Coating | 9/17/2042 | 12/22/2043 | 5 | 330 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 887,580; Non-Residential Outdoor: 295,860; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Demolition | Excavators | 3 | 8.00 | 158 | 0.38 |
| Demolition | Rubber Tired Dozers | 2 | 8.00 | 247 | 0.40 |
| 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

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| 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 |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition | 6 | 15.00 | 0.00 | 1,040.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 5,207.00 | 1,188.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 1,041.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 0.7825 | 0.0000 | 0.7825 | 0.1185 | 0.0000 | 0.1185 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.3121 | 33.2010 | 21.7532 | 0.0388 | | 1.6587 | 1.6587 | | 1.5419 | 1.5419 | | 3,747.7049 | 3,747.7049 | 1.0580 | | 3,774.1536 |
| Total | 3.3121 | 33.2010 | 21.7532 | 0.0388 | 0.7825 | 1.6587 | 2.4412 | 0.1185 | 1.5419 | 1.6603 | | 3,747.7049 | 3,747.7049 | 1.0580 | | 3,774.1536 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.2 Demolition - 2020

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0263 | 0.9619 | 0.2196 | 2.7500e-003 | 0.0670 | 3.5200e-003 | 0.0705 | 0.0181 | 3.3600e-003 | 0.0215 | | 294.2791 | 294.2791 | 0.0167 | | 294.6961 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0647 | 0.0343 | 0.4898 | 1.2000e-003 | 0.1141 | 7.9000e-004 | 0.1149 | 0.0303 | 7.3000e-004 | 0.0310 | | 119.0269 | 119.0269 | 3.4100e-003 | | 119.1122 |
| Total | 0.0910 | 0.9962 | 0.7093 | 3.9500e-003 | 0.1811 | 4.3100e-003 | 0.1854 | 0.0484 | 4.0900e-003 | 0.0525 | | 413.3060 | 413.3060 | 0.0201 | | 413.8083 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 0.7825 | 0.0000 | 0.7825 | 0.1185 | 0.0000 | 0.1185 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.3121 | 33.2010 | 21.7532 | 0.0388 | | 1.6587 | 1.6587 | | 1.5419 | 1.5419 | 0.0000 | 3,747.7049 | 3,747.7049 | 1.0580 | | 3,774.1536 |
| Total | 3.3121 | 33.2010 | 21.7532 | 0.0388 | 0.7825 | 1.6587 | 2.4412 | 0.1185 | 1.5419 | 1.6603 | 0.0000 | 3,747.7049 | 3,747.7049 | 1.0580 | | 3,774.1536 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.2 Demolition - 2020

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0263 | 0.9619 | 0.2196 | 2.7500e-003 | 0.0670 | 3.5200e-003 | 0.0705 | 0.0181 | 3.3600e-003 | 0.0215 | | 294.2791 | 294.2791 | 0.0167 | | 294.6961 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0647 | 0.0343 | 0.4898 | 1.2000e-003 | 0.1141 | 7.9000e-004 | 0.1149 | 0.0303 | 7.3000e-004 | 0.0310 | | 119.0269 | 119.0269 | 3.4100e-003 | | 119.1122 |
| Total | 0.0910 | 0.9962 | 0.7093 | 3.9500e-003 | 0.1811 | 4.3100e-003 | 0.1854 | 0.0484 | 4.0900e-003 | 0.0525 | | 413.3060 | 413.3060 | 0.0201 | | 413.8083 |

3.2 Demolition - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 0.7825 | 0.0000 | 0.7825 | 0.1185 | 0.0000 | 0.1185 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.1651 | 31.4407 | 21.5650 | 0.0388 | | 1.5513 | 1.5513 | | 1.4411 | 1.4411 | | 3,747.9449 | 3,747.9449 | 1.0549 | | 3,774.3174 |
| Total | 3.1651 | 31.4407 | 21.5650 | 0.0388 | 0.7825 | 1.5513 | 2.3339 | 0.1185 | 1.4411 | 1.5596 | | 3,747.9449 | 3,747.9449 | 1.0549 | | 3,774.3174 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.2 Demolition - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0244 | 0.8847 | 0.2035 | 2.7100e-003 | 0.3763 | 3.0900e-003 | 0.3794 | 0.0941 | 2.9600e-003 | 0.0970 | | 290.8768 | 290.8768 | 0.0164 | | 291.2859 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0601 | 0.0308 | 0.4487 | 1.1500e-003 | 0.1141 | 7.7000e-004 | 0.1149 | 0.0303 | 7.1000e-004 | 0.0310 | | 114.9719 | 114.9719 | 3.0600e-003 | | 115.0483 |
| Total | 0.0845 | 0.9155 | 0.6523 | 3.8600e-003 | 0.4904 | 3.8600e-003 | 0.4943 | 0.1243 | 3.6700e-003 | 0.1280 | | 405.8487 | 405.8487 | 0.0194 | | 406.3343 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 0.7825 | 0.0000 | 0.7825 | 0.1185 | 0.0000 | 0.1185 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.1651 | 31.4407 | 21.5650 | 0.0388 | | 1.5513 | 1.5513 | | 1.4411 | 1.4411 | 0.0000 | 3,747.9449 | 3,747.9449 | 1.0549 | | 3,774.3174 |
| Total | 3.1651 | 31.4407 | 21.5650 | 0.0388 | 0.7825 | 1.5513 | 2.3339 | 0.1185 | 1.4411 | 1.5596 | 0.0000 | 3,747.9449 | 3,747.9449 | 1.0549 | | 3,774.3174 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.2 Demolition - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0244 | 0.8847 | 0.2035 | 2.7100e-003 | 0.3763 | 3.0900e-003 | 0.3794 | 0.0941 | 2.9600e-003 | 0.0970 | | 290.8768 | 290.8768 | 0.0164 | | 291.2859 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0601 | 0.0308 | 0.4487 | 1.1500e-003 | 0.1141 | 7.7000e-004 | 0.1149 | 0.0303 | 7.1000e-004 | 0.0310 | | 114.9719 | 114.9719 | 3.0600e-003 | | 115.0483 |
| Total | 0.0845 | 0.9155 | 0.6523 | 3.8600e-003 | 0.4904 | 3.8600e-003 | 0.4943 | 0.1243 | 3.6700e-003 | 0.1280 | | 405.8487 | 405.8487 | 0.0194 | | 406.3343 |

3.3 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 18.0663 | 0.0000 | 18.0663 | 9.9307 | 0.0000 | 9.9307 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.8882 | 40.4971 | 21.1543 | 0.0380 | | 2.0445 | 2.0445 | | 1.8809 | 1.8809 | | 3,685.6569 | 3,685.6569 | 1.1920 | | 3,715.4573 |
| Total | 3.8882 | 40.4971 | 21.1543 | 0.0380 | 18.0663 | 2.0445 | 20.1107 | 9.9307 | 1.8809 | 11.8116 | | 3,685.6569 | 3,685.6569 | 1.1920 | | 3,715.4573 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.3 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0721 | 0.0369 | 0.5385 | 1.3900e-003 | 0.1369 | 9.2000e-004 | 0.1379 | 0.0363 | 8.5000e-004 | 0.0372 | | 137.9662 | 137.9662 | 3.6700e-003 | | 138.0580 |
| Total | 0.0721 | 0.0369 | 0.5385 | 1.3900e-003 | 0.1369 | 9.2000e-004 | 0.1379 | 0.0363 | 8.5000e-004 | 0.0372 | | 137.9662 | 137.9662 | 3.6700e-003 | | 138.0580 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 18.0663 | 0.0000 | 18.0663 | 9.9307 | 0.0000 | 9.9307 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.8882 | 40.4971 | 21.1543 | 0.0380 | | 2.0445 | 2.0445 | | 1.8809 | 1.8809 | 0.0000 | 3,685.6569 | 3,685.6569 | 1.1920 | | 3,715.4573 |
| Total | 3.8882 | 40.4971 | 21.1543 | 0.0380 | 18.0663 | 2.0445 | 20.1107 | 9.9307 | 1.8809 | 11.8116 | 0.0000 | 3,685.6569 | 3,685.6569 | 1.1920 | | 3,715.4573 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.3 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0721 | 0.0369 | 0.5385 | 1.3900e-003 | 0.1369 | 9.2000e-004 | 0.1379 | 0.0363 | 8.5000e-004 | 0.0372 | | 137.9662 | 137.9662 | 3.6700e-003 | | 138.0580 |
| Total | 0.0721 | 0.0369 | 0.5385 | 1.3900e-003 | 0.1369 | 9.2000e-004 | 0.1379 | 0.0363 | 8.5000e-004 | 0.0372 | | 137.9662 | 137.9662 | 3.6700e-003 | | 138.0580 |

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 4.1912 | 46.3998 | 30.8785 | 0.0620 | | 1.9853 | 1.9853 | | 1.8265 | 1.8265 | | 6,007.0434 | 6,007.0434 | 1.9428 | | 6,055.6134 |
| Total | 4.1912 | 46.3998 | 30.8785 | 0.0620 | 8.6733 | 1.9853 | 10.6587 | 3.5965 | 1.8265 | 5.4230 | | 6,007.0434 | 6,007.0434 | 1.9428 | | 6,055.6134 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0802 | 0.0410 | 0.5983 | 1.5400e-003 | 0.1521 | 1.0300e-003 | 0.1532 | 0.0404 | 9.5000e-004 | 0.0413 | | 153.2958 | 153.2958 | 4.0800e-003 | | 153.3978 |
| Total | 0.0802 | 0.0410 | 0.5983 | 1.5400e-003 | 0.1521 | 1.0300e-003 | 0.1532 | 0.0404 | 9.5000e-004 | 0.0413 | | 153.2958 | 153.2958 | 4.0800e-003 | | 153.3978 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 4.1912 | 46.3998 | 30.8785 | 0.0620 | | 1.9853 | 1.9853 | | 1.8265 | 1.8265 | 0.0000 | 6,007.0434 | 6,007.0434 | 1.9428 | | 6,055.6134 |
| Total | 4.1912 | 46.3998 | 30.8785 | 0.0620 | 8.6733 | 1.9853 | 10.6587 | 3.5965 | 1.8265 | 5.4230 | 0.0000 | 6,007.0434 | 6,007.0434 | 1.9428 | | 6,055.6134 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0802 | 0.0410 | 0.5983 | 1.5400e-003 | 0.1521 | 1.0300e-003 | 0.1532 | 0.0404 | 9.5000e-004 | 0.0413 | | 153.2958 | 153.2958 | 4.0800e-003 | | 153.3978 |
| Total | 0.0802 | 0.0410 | 0.5983 | 1.5400e-003 | 0.1521 | 1.0300e-003 | 0.1532 | 0.0404 | 9.5000e-004 | 0.0413 | | 153.2958 | 153.2958 | 4.0800e-003 | | 153.3978 |

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.6248 | 38.8435 | 29.0415 | 0.0621 | | 1.6349 | 1.6349 | | 1.5041 | 1.5041 | | 6,011.4105 | 6,011.4105 | 1.9442 | | 6,060.0158 |
| Total | 3.6248 | 38.8435 | 29.0415 | 0.0621 | 8.6733 | 1.6349 | 10.3082 | 3.5965 | 1.5041 | 5.1006 | | 6,011.4105 | 6,011.4105 | 1.9442 | | 6,060.0158 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0748 | 0.0369 | 0.5510 | 1.4800e-003 | 0.1521 | 1.0000e-003 | 0.1531 | 0.0404 | 9.2000e-004 | 0.0413 | | 147.7983 | 147.7983 | 3.6700e-003 | | 147.8899 |
| Total | 0.0748 | 0.0369 | 0.5510 | 1.4800e-003 | 0.1521 | 1.0000e-003 | 0.1531 | 0.0404 | 9.2000e-004 | 0.0413 | | 147.7983 | 147.7983 | 3.6700e-003 | | 147.8899 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.6248 | 38.8435 | 29.0415 | 0.0621 | | 1.6349 | 1.6349 | | 1.5041 | 1.5041 | 0.0000 | 6,011.4105 | 6,011.4105 | 1.9442 | | 6,060.0158 |
| Total | 3.6248 | 38.8435 | 29.0415 | 0.0621 | 8.6733 | 1.6349 | 10.3082 | 3.5965 | 1.5041 | 5.1006 | 0.0000 | 6,011.4105 | 6,011.4105 | 1.9442 | | 6,060.0158 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0748 | 0.0369 | 0.5510 | 1.4800e-003 | 0.1521 | 1.0000e-003 | 0.1531 | 0.0404 | 9.2000e-004 | 0.0413 | | 147.7983 | 147.7983 | 3.6700e-003 | | 147.8899 |
| Total | 0.0748 | 0.0369 | 0.5510 | 1.4800e-003 | 0.1521 | 1.0000e-003 | 0.1531 | 0.0404 | 9.2000e-004 | 0.0413 | | 147.7983 | 147.7983 | 3.6700e-003 | | 147.8899 |

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.3217 | 34.5156 | 28.0512 | 0.0621 | | 1.4245 | 1.4245 | | 1.3105 | 1.3105 | | 6,011.4777 | 6,011.4777 | 1.9442 | | 6,060.0836 |
| Total | 3.3217 | 34.5156 | 28.0512 | 0.0621 | 8.6733 | 1.4245 | 10.0978 | 3.5965 | 1.3105 | 4.9070 | | 6,011.4777 | 6,011.4777 | 1.9442 | | 6,060.0836 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0699 | 0.0332 | 0.5072 | 1.4300e-003 | 0.1521 | 9.8000e-004 | 0.1531 | 0.0404 | 9.0000e-004 | 0.0413 | | 142.2416 | 142.2416 | 3.2900e-003 | | 142.3238 |
| Total | 0.0699 | 0.0332 | 0.5072 | 1.4300e-003 | 0.1521 | 9.8000e-004 | 0.1531 | 0.0404 | 9.0000e-004 | 0.0413 | | 142.2416 | 142.2416 | 3.2900e-003 | | 142.3238 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.3217 | 34.5156 | 28.0512 | 0.0621 | | 1.4245 | 1.4245 | | 1.3105 | 1.3105 | 0.0000 | 6,011.4777 | 6,011.4777 | 1.9442 | | 6,060.0836 |
| Total | 3.3217 | 34.5156 | 28.0512 | 0.0621 | 8.6733 | 1.4245 | 10.0978 | 3.5965 | 1.3105 | 4.9070 | 0.0000 | 6,011.4777 | 6,011.4777 | 1.9442 | | 6,060.0836 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0699 | 0.0332 | 0.5072 | 1.4300e-003 | 0.1521 | 9.8000e-004 | 0.1531 | 0.0404 | 9.0000e-004 | 0.0413 | | 142.2416 | 142.2416 | 3.2900e-003 | | 142.3238 |
| Total | 0.0699 | 0.0332 | 0.5072 | 1.4300e-003 | 0.1521 | 9.8000e-004 | 0.1531 | 0.0404 | 9.0000e-004 | 0.0413 | | 142.2416 | 142.2416 | 3.2900e-003 | | 142.3238 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.5728 | 14.3849 | 16.2440 | 0.0269 | | 0.6997 | 0.6997 | | 0.6584 | 0.6584 | | 2,555.2099 | 2,555.2099 | 0.6079 | | 2,570.4061 |
| Total | 1.5728 | 14.3849 | 16.2440 | 0.0269 | | 0.6997 | 0.6997 | | 0.6584 | 0.6584 | | 2,555.2099 | 2,555.2099 | 0.6079 | | 2,570.4061 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.6919 | 96.2269 | 24.9032 | 0.2849 | 7.1468 | 0.1352 | 7.2821 | 2.0564 | 0.1293 | 2.1857 | | 30,222.5811 | 30,222.5811 | 1.4809 | | 30,259.6023 |
| Worker | 18.2073 | 8.6487 | 132.0410 | 0.3718 | 39.6096 | 0.2541 | 39.8637 | 10.5068 | 0.2340 | 10.7409 | | 37,032.6119 | 37,032.6119 | 0.8557 | | 37,054.0046 |
| Total | 20.8992 | 104.8756 | 156.9441 | 0.6566 | 46.7565 | 0.3893 | 47.1457 | 12.5632 | 0.3633 | 12.9265 | | 67,255.1929 | 67,255.1929 | 2.3366 | | 67,313.6070 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.5728 | 14.3849 | 16.2440 | 0.0269 | | 0.6997 | 0.6997 | | 0.6584 | 0.6584 | 0.0000 | 2,555.2099 | 2,555.2099 | 0.6079 | | 2,570.4061 |
| Total | 1.5728 | 14.3849 | 16.2440 | 0.0269 | | 0.6997 | 0.6997 | | 0.6584 | 0.6584 | 0.0000 | 2,555.2099 | 2,555.2099 | 0.6079 | | 2,570.4061 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.6919 | 96.2269 | 24.9032 | 0.2849 | 7.1468 | 0.1352 | 7.2821 | 2.0564 | 0.1293 | 2.1857 | | 30,222.5811 | 30,222.5811 | 1.4809 | | 30,259.6023 |
| Worker | 18.2073 | 8.6487 | 132.0410 | 0.3718 | 39.6096 | 0.2541 | 39.8637 | 10.5068 | 0.2340 | 10.7409 | | 37,032.6119 | 37,032.6119 | 0.8557 | | 37,054.0046 |
| Total | 20.8992 | 104.8756 | 156.9441 | 0.6566 | 46.7565 | 0.3893 | 47.1457 | 12.5632 | 0.3633 | 12.9265 | | 67,255.1929 | 67,255.1929 | 2.3366 | | 67,313.6070 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.4716 | 13.4438 | 16.1668 | 0.0270 | | 0.6133 | 0.6133 | | 0.5769 | 0.5769 | | 2,555.6989 | 2,555.6989 | 0.6044 | | 2,570.8077 |
| Total | 1.4716 | 13.4438 | 16.1668 | 0.0270 | | 0.6133 | 0.6133 | | 0.5769 | 0.5769 | | 2,555.6989 | 2,555.6989 | 0.6044 | | 2,570.8077 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.5650 | 94.4237 | 23.2769 | 0.2830 | 7.1462 | 0.1286 | 7.2748 | 2.0562 | 0.1230 | 2.1791 | | 30,045.88 59 | 30,045.88 59 | 1.4627 | | 30,082.45 29 |
| Worker | 17.0973 | 7.8195 | 122.4894 | 0.3572 | 39.6096 | 0.2485 | 39.8581 | 10.5068 | 0.2288 | 10.7356 | | 35,591.14 79 | 35,591.14 79 | 0.7719 | | 35,610.44 64 |
| Total | 19.6622 | 102.2432 | 145.7663 | 0.6402 | 46.7558 | 0.3771 | 47.1329 | 12.5630 | 0.3518 | 12.9148 | | 65,637.03 38 | 65,637.03 38 | 2.2346 | | 65,692.89 93 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.4716 | 13.4438 | 16.1668 | 0.0270 | | 0.6133 | 0.6133 | | 0.5769 | 0.5769 | 0.0000 | 2,555.698 9 | 2,555.698 9 | 0.6044 | | 2,570.807 7 |
| Total | 1.4716 | 13.4438 | 16.1668 | 0.0270 | | 0.6133 | 0.6133 | | 0.5769 | 0.5769 | 0.0000 | 2,555.698 9 | 2,555.698 9 | 0.6044 | | 2,570.807 7 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.5650 | 94.4237 | 23.2769 | 0.2830 | 7.1462 | 0.1286 | 7.2748 | 2.0562 | 0.1230 | 2.1791 | | 30,045.88 59 | 30,045.88 59 | 1.4627 | | 30,082.45 29 |
| Worker | 17.0973 | 7.8195 | 122.4894 | 0.3572 | 39.6096 | 0.2485 | 39.8581 | 10.5068 | 0.2288 | 10.7356 | | 35,591.14 79 | 35,591.14 79 | 0.7719 | | 35,610.44 64 |
| Total | 19.6622 | 102.2432 | 145.7663 | 0.6402 | 46.7558 | 0.3771 | 47.1329 | 12.5630 | 0.3518 | 12.9148 | | 65,637.03 38 | 65,637.03 38 | 2.2346 | | 65,692.89 93 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.4600 | 92.7018 | 22.0403 | 0.2813 | 7.1455 | 0.1222 | 7.2678 | 2.0559 | 0.1169 | 2.1728 | | 29,874.84 90 | 29,874.84 90 | 1.4455 | | 29,910.98 62 |
| Worker | 16.1295 | 7.1026 | 113.6130 | 0.3428 | 39.6096 | 0.2439 | 39.8535 | 10.5068 | 0.2245 | 10.7313 | | 34,164.33 24 | 34,164.33 24 | 0.6998 | | 34,181.82 83 |
| Total | 18.5895 | 99.8043 | 135.6533 | 0.6241 | 46.7551 | 0.3661 | 47.1212 | 12.5628 | 0.3414 | 12.9041 | | 64,039.18 13 | 64,039.18 13 | 2.1453 | | 64,092.81 45 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.4600 | 92.7018 | 22.0403 | 0.2813 | 7.1455 | 0.1222 | 7.2678 | 2.0559 | 0.1169 | 2.1728 | | 29,874.84 90 | 29,874.84 90 | 1.4455 | | 29,910.98 62 |
| Worker | 16.1295 | 7.1026 | 113.6130 | 0.3428 | 39.6096 | 0.2439 | 39.8535 | 10.5068 | 0.2245 | 10.7313 | | 34,164.33 24 | 34,164.33 24 | 0.6998 | | 34,181.82 83 |
| Total | 18.5895 | 99.8043 | 135.6533 | 0.6241 | 46.7551 | 0.3661 | 47.1212 | 12.5628 | 0.3414 | 12.9041 | | 64,039.18 13 | 64,039.18 13 | 2.1453 | | 64,092.81 45 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.3674 | 91.0634 | 21.0371 | 0.2796 | 7.1450 | 0.1158 | 7.2608 | 2.0557 | 0.1108 | 2.1665 | | 29,712.2131 | 29,712.2131 | 1.4299 | | 29,747.9602 |
| Worker | 15.2678 | 6.4900 | 105.9011 | 0.3300 | 39.6096 | 0.2367 | 39.8463 | 10.5068 | 0.2179 | 10.7247 | | 32,894.4105 | 32,894.4105 | 0.6374 | | 32,910.3449 |
| Total | 17.6353 | 97.5534 | 126.9383 | 0.6096 | 46.7546 | 0.3525 | 47.1071 | 12.5625 | 0.3287 | 12.8912 | | 62,606.6235 | 62,606.6235 | 2.0673 | | 62,658.3051 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.3674 | 91.0634 | 21.0371 | 0.2796 | 7.1450 | 0.1158 | 7.2608 | 2.0557 | 0.1108 | 2.1665 | | 29,712.2131 | 29,712.2131 | 1.4299 | | 29,747.9602 |
| Worker | 15.2678 | 6.4900 | 105.9011 | 0.3300 | 39.6096 | 0.2367 | 39.8463 | 10.5068 | 0.2179 | 10.7247 | | 32,894.4105 | 32,894.4105 | 0.6374 | | 32,910.3449 |
| Total | 17.6353 | 97.5534 | 126.9383 | 0.6096 | 46.7546 | 0.3525 | 47.1071 | 12.5625 | 0.3287 | 12.8912 | | 62,606.6235 | 62,606.6235 | 2.0673 | | 62,658.3051 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.2860 | 89.5580 | 20.1654 | 0.2781 | 7.1445 | 0.1104 | 7.2549 | 2.0555 | 0.1056 | 2.1611 | | 29,559.33 20 | 29,559.33 20 | 1.4147 | | 29,594.69 88 |
| Worker | 14.4273 | 5.9401 | 98.9441 | 0.3186 | 39.6096 | 0.2251 | 39.8347 | 10.5068 | 0.2071 | 10.7140 | | 31,759.114 3 | 31,759.114 3 | 0.5810 | | 31,773.63 99 |
| Total | 16.7133 | 95.4981 | 119.1095 | 0.5967 | 46.7541 | 0.3355 | 47.0896 | 12.5624 | 0.3127 | 12.8751 | | 61,318.44 63 | 61,318.44 63 | 1.9957 | | 61,368.33 87 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.2860 | 89.5580 | 20.1654 | 0.2781 | 7.1445 | 0.1104 | 7.2549 | 2.0555 | 0.1056 | 2.1611 | | 29,559.33 20 | 29,559.33 20 | 1.4147 | | 29,594.69 88 |
| Worker | 14.4273 | 5.9401 | 98.9441 | 0.3186 | 39.6096 | 0.2251 | 39.8347 | 10.5068 | 0.2071 | 10.7140 | | 31,759.114 3 | 31,759.114 3 | 0.5810 | | 31,773.63 99 |
| Total | 16.7133 | 95.4981 | 119.1095 | 0.5967 | 46.7541 | 0.3355 | 47.0896 | 12.5624 | 0.3127 | 12.8751 | | 61,318.44 63 | 61,318.44 63 | 1.9957 | | 61,368.33 87 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.2142 | 88.2700 | 19.4314 | 0.2768 | 7.1441 | 0.1057 | 7.2497 | 2.0554 | 0.1010 | 2.1564 | | 29,428.53 17 | 29,428.53 17 | 1.3993 | | 29,463.51 46 |
| Worker | 13.5704 | 5.4520 | 92.8095 | 0.3084 | 39.6096 | 0.2100 | 39.8197 | 10.5068 | 0.1933 | 10.7001 | | 30,752.23 19 | 30,752.23 19 | 0.5325 | | 30,765.54 45 |
| Total | 15.7846 | 93.7220 | 112.2409 | 0.5852 | 46.7537 | 0.3157 | 47.0694 | 12.5622 | 0.2943 | 12.8565 | | 60,180.76 35 | 60,180.76 35 | 1.9318 | | 60,229.05 90 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.2142 | 88.2700 | 19.4314 | 0.2768 | 7.1441 | 0.1057 | 7.2497 | 2.0554 | 0.1010 | 2.1564 | | 29,428.53 17 | 29,428.53 17 | 1.3993 | | 29,463.51 46 |
| Worker | 13.5704 | 5.4520 | 92.8095 | 0.3084 | 39.6096 | 0.2100 | 39.8197 | 10.5068 | 0.1933 | 10.7001 | | 30,752.23 19 | 30,752.23 19 | 0.5325 | | 30,765.54 45 |
| Total | 15.7846 | 93.7220 | 112.2409 | 0.5852 | 46.7537 | 0.3157 | 47.0694 | 12.5622 | 0.2943 | 12.8565 | | 60,180.76 35 | 60,180.76 35 | 1.9318 | | 60,229.05 90 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.1493 | 87.0431 | 18.8196 | 0.2756 | 7.1437 | 0.1008 | 7.2445 | 2.0552 | 0.0964 | 2.1516 | | 29,309.48 85 | 29,309.48 85 | 1.3840 | | 29,344.08 90 |
| Worker | 12.6400 | 4.9975 | 86.9346 | 0.2994 | 39.6096 | 0.1956 | 39.8053 | 10.5068 | 0.1800 | 10.6868 | | 29,860.97 93 | 29,860.97 93 | 0.4863 | | 29,873.13 72 |
| Total | 14.7894 | 92.0405 | 105.7541 | 0.5750 | 46.7533 | 0.2965 | 47.0498 | 12.5621 | 0.2764 | 12.8385 | | 59,170.46 78 | 59,170.46 78 | 1.8703 | | 59,217.22 62 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.1493 | 87.0431 | 18.8196 | 0.2756 | 7.1437 | 0.1008 | 7.2445 | 2.0552 | 0.0964 | 2.1516 | | 29,309.48 85 | 29,309.48 85 | 1.3840 | | 29,344.08 90 |
| Worker | 12.6400 | 4.9975 | 86.9346 | 0.2994 | 39.6096 | 0.1956 | 39.8053 | 10.5068 | 0.1800 | 10.6868 | | 29,860.97 93 | 29,860.97 93 | 0.4863 | | 29,873.13 72 |
| Total | 14.7894 | 92.0405 | 105.7541 | 0.5750 | 46.7533 | 0.2965 | 47.0498 | 12.5621 | 0.2764 | 12.8385 | | 59,170.46 78 | 59,170.46 78 | 1.8703 | | 59,217.22 62 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.546 8 | 2,897.546 8 | 0.1162 | | 2,900.452 9 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.546 8 | 2,897.546 8 | 0.1162 | | 2,900.452 9 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.0910 | 85.8946 | 18.3174 | 0.2745 | 7.1433 | 0.0959 | 7.2393 | 2.0551 | 0.0917 | 2.1468 | | 29,203.4112 | 29,203.4112 | 1.3682 | | 29,237.6150 |
| Worker | 11.7378 | 4.5873 | 81.6563 | 0.2915 | 39.6096 | 0.1822 | 39.7919 | 10.5068 | 0.1677 | 10.6745 | | 29,076.5183 | 29,076.5183 | 0.4453 | | 29,087.6499 |
| Total | 13.8288 | 90.4820 | 99.9736 | 0.5660 | 46.7529 | 0.2782 | 47.0311 | 12.5619 | 0.2594 | 12.8213 | | 58,279.9295 | 58,279.9295 | 1.8134 | | 58,325.2649 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.0910 | 85.8946 | 18.3174 | 0.2745 | 7.1433 | 0.0959 | 7.2393 | 2.0551 | 0.0917 | 2.1468 | | 29,203.4112 | 29,203.4112 | 1.3682 | | 29,237.6150 |
| Worker | 11.7378 | 4.5873 | 81.6563 | 0.2915 | 39.6096 | 0.1822 | 39.7919 | 10.5068 | 0.1677 | 10.6745 | | 29,076.5183 | 29,076.5183 | 0.4453 | | 29,087.6499 |
| Total | 13.8288 | 90.4820 | 99.9736 | 0.5660 | 46.7529 | 0.2782 | 47.0311 | 12.5619 | 0.2594 | 12.8213 | | 58,279.9295 | 58,279.9295 | 1.8134 | | 58,325.2649 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.0415 | 84.8515 | 17.9069 | 0.2736 | 7.1431 | 0.0916 | 7.2346 | 2.0550 | 0.0875 | 2.1426 | | 29,113.3521 | 29,113.3521 | 1.3545 | | 29,147.2134 |
| Worker | 10.7871 | 4.2008 | 76.6390 | 0.2846 | 39.6096 | 0.1695 | 39.7791 | 10.5068 | 0.1559 | 10.6628 | | 28,389.0747 | 28,389.0747 | 0.4069 | | 28,399.2466 |
| Total | 12.8286 | 89.0523 | 94.5459 | 0.5582 | 46.7527 | 0.2611 | 47.0138 | 12.5618 | 0.2435 | 12.8053 | | 57,502.4269 | 57,502.4269 | 1.7613 | | 57,546.4600 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.0415 | 84.8515 | 17.9069 | 0.2736 | 7.1431 | 0.0916 | 7.2346 | 2.0550 | 0.0875 | 2.1426 | | 29,113.35 21 | 29,113.35 21 | 1.3545 | | 29,147.21 34 |
| Worker | 10.7871 | 4.2008 | 76.6390 | 0.2846 | 39.6096 | 0.1695 | 39.7791 | 10.5068 | 0.1559 | 10.6628 | | 28,389.07 47 | 28,389.07 47 | 0.4069 | | 28,399.24 66 |
| Total | 12.8286 | 89.0523 | 94.5459 | 0.5582 | 46.7527 | 0.2611 | 47.0138 | 12.5618 | 0.2435 | 12.8053 | | 57,502.42 69 | 57,502.42 69 | 1.7613 | | 57,546.46 00 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.546 8 | 2,897.546 8 | 0.1162 | | 2,900.452 9 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.546 8 | 2,897.546 8 | 0.1162 | | 2,900.452 9 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.0003 | 83.8808 | 17.5821 | 0.2729 | 7.1428 | 0.0880 | 7.2308 | 2.0549 | 0.0842 | 2.1391 | | 29,039.9275 | 29,039.9275 | 1.3424 | | 29,073.4867 |
| Worker | 9.9332 | 3.8672 | 72.2180 | 0.2785 | 39.6096 | 0.1577 | 39.7673 | 10.5068 | 0.1451 | 10.6519 | | 27,790.7086 | 27,790.7086 | 0.3735 | | 27,800.0452 |
| Total | 11.9335 | 87.7480 | 89.8001 | 0.5514 | 46.7524 | 0.2457 | 46.9981 | 12.5617 | 0.2292 | 12.7910 | | 56,830.6361 | 56,830.6361 | 1.7158 | | 56,873.5319 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.0003 | 83.8808 | 17.5821 | 0.2729 | 7.1428 | 0.0880 | 7.2308 | 2.0549 | 0.0842 | 2.1391 | | 29,039.92 75 | 29,039.92 75 | 1.3424 | | 29,073.48 67 |
| Worker | 9.9332 | 3.8672 | 72.2180 | 0.2785 | 39.6096 | 0.1577 | 39.7673 | 10.5068 | 0.1451 | 10.6519 | | 27,790.70 86 | 27,790.70 86 | 0.3735 | | 27,800.04 52 |
| Total | 11.9335 | 87.7480 | 89.8001 | 0.5514 | 46.7524 | 0.2457 | 46.9981 | 12.5617 | 0.2292 | 12.7910 | | 56,830.63 61 | 56,830.63 61 | 1.7158 | | 56,873.53 19 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.546 8 | 2,897.546 8 | 0.1162 | | 2,900.452 9 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.546 8 | 2,897.546 8 | 0.1162 | | 2,900.452 9 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9655 | 83.0189 | 17.3066 | 0.2723 | 7.1426 | 0.0850 | 7.2276 | 2.0549 | 0.0813 | 2.1361 | | 28,975.9678 | 28,975.9678 | 1.3317 | | 29,009.2598 |
| Worker | 9.2326 | 3.5934 | 68.4882 | 0.2733 | 39.6096 | 0.1471 | 39.7567 | 10.5068 | 0.1353 | 10.6421 | | 27,274.8129 | 27,274.8129 | 0.3456 | | 27,283.4538 |
| Total | 11.1980 | 86.6123 | 85.7949 | 0.5456 | 46.7522 | 0.2321 | 46.9843 | 12.5617 | 0.2166 | 12.7783 | | 56,250.7807 | 56,250.7807 | 1.6773 | | 56,292.7135 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9655 | 83.0189 | 17.3066 | 0.2723 | 7.1426 | 0.0850 | 7.2276 | 2.0549 | 0.0813 | 2.1361 | | 28,975.9678 | 28,975.9678 | 1.3317 | | 29,009.2598 |
| Worker | 9.2326 | 3.5934 | 68.4882 | 0.2733 | 39.6096 | 0.1471 | 39.7567 | 10.5068 | 0.1353 | 10.6421 | | 27,274.8129 | 27,274.8129 | 0.3456 | | 27,283.4538 |
| Total | 11.1980 | 86.6123 | 85.7949 | 0.5456 | 46.7522 | 0.2321 | 46.9843 | 12.5617 | 0.2166 | 12.7783 | | 56,250.7807 | 56,250.7807 | 1.6773 | | 56,292.7135 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9333 | 82.2208 | 17.0558 | 0.2717 | 7.1424 | 0.0821 | 7.2245 | 2.0548 | 0.0785 | 2.1333 | | 28,922.54 57 | 28,922.54 57 | 1.3217 | | 28,955.58 75 |
| Worker | 8.5994 | 3.3595 | 64.9603 | 0.2688 | 39.6096 | 0.1372 | 39.7468 | 10.5068 | 0.1262 | 10.6330 | | 26,829.18 53 | 26,829.18 53 | 0.3197 | | 26,837.17 72 |
| Total | 10.5327 | 85.5803 | 82.0161 | 0.5405 | 46.7520 | 0.2193 | 46.9713 | 12.5616 | 0.2047 | 12.7663 | | 55,751.73 10 | 55,751.73 10 | 1.6414 | | 55,792.76 47 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1162 | | 2,900.452 9 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1162 | | 2,900.452 9 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9333 | 82.2208 | 17.0558 | 0.2717 | 7.1424 | 0.0821 | 7.2245 | 2.0548 | 0.0785 | 2.1333 | | 28,922.54 57 | 28,922.54 57 | 1.3217 | | 28,955.58 75 |
| Worker | 8.5994 | 3.3595 | 64.9603 | 0.2688 | 39.6096 | 0.1372 | 39.7468 | 10.5068 | 0.1262 | 10.6330 | | 26,829.18 53 | 26,829.18 53 | 0.3197 | | 26,837.17 72 |
| Total | 10.5327 | 85.5803 | 82.0161 | 0.5405 | 46.7520 | 0.2193 | 46.9713 | 12.5616 | 0.2047 | 12.7663 | | 55,751.73 10 | 55,751.73 10 | 1.6414 | | 55,792.76 47 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.69 55 | 28,878.69 55 | 1.3123 | | 28,911.503 4 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.12 62 | 26,450.12 62 | 0.2977 | | 26,457.56 83 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.82 17 | 55,328.82 17 | 1.6100 | | 55,369.07 17 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.69 55 | 28,878.69 55 | 1.3123 | | 28,911.503 4 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.12 62 | 26,450.12 62 | 0.2977 | | 26,457.56 83 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.82 17 | 55,328.82 17 | 1.6100 | | 55,369.07 17 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.69 55 | 28,878.69 55 | 1.3123 | | 28,911.50 34 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.12 62 | 26,450.12 62 | 0.2977 | | 26,457.56 83 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.82 17 | 55,328.82 17 | 1.6100 | | 55,369.07 17 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.69 55 | 28,878.69 55 | 1.3123 | | 28,911.503 4 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.12 62 | 26,450.12 62 | 0.2977 | | 26,457.56 83 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.82 17 | 55,328.82 17 | 1.6100 | | 55,369.07 17 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.6955 | 28,878.6955 | 1.3123 | | 28,911.5034 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.1262 | 26,450.1262 | 0.2977 | | 26,457.5683 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.8217 | 55,328.8217 | 1.6100 | | 55,369.0717 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.69 55 | 28,878.69 55 | 1.3123 | | 28,911.503 4 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.12 62 | 26,450.12 62 | 0.2977 | | 26,457.56 83 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.82 17 | 55,328.82 17 | 1.6100 | | 55,369.07 17 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.69 55 | 28,878.69 55 | 1.3123 | | 28,911.503 4 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.12 62 | 26,450.12 62 | 0.2977 | | 26,457.56 83 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.82 17 | 55,328.82 17 | 1.6100 | | 55,369.07 17 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.69 55 | 28,878.69 55 | 1.3123 | | 28,911.503 4 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.12 62 | 26,450.12 62 | 0.2977 | | 26,457.56 83 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.82 17 | 55,328.82 17 | 1.6100 | | 55,369.07 17 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.69 55 | 28,878.69 55 | 1.3123 | | 28,911.503 4 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.12 62 | 26,450.12 62 | 0.2977 | | 26,457.56 83 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.82 17 | 55,328.82 17 | 1.6100 | | 55,369.07 17 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.69 55 | 28,878.69 55 | 1.3123 | | 28,911.503 4 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.12 62 | 26,450.12 62 | 0.2977 | | 26,457.56 83 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.82 17 | 55,328.82 17 | 1.6100 | | 55,369.07 17 |

3.5 Building Construction - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |
| Total | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.8191 | 79.1739 | 16.2195 | 0.2705 | 7.1417 | 0.0738 | 7.2155 | 2.0545 | 0.0705 | 2.1250 | | 28,798.40 52 | 28,798.40 52 | 1.2761 | | 28,830.30 76 |
| Worker | 6.0265 | 2.5948 | 52.5826 | 0.2533 | 39.6096 | 0.0984 | 39.7080 | 10.5068 | 0.0905 | 10.5973 | | 25,301.01 37 | 25,301.01 37 | 0.2305 | | 25,306.77 67 |
| Total | 7.8456 | 81.7687 | 68.8021 | 0.5238 | 46.7513 | 0.1721 | 46.9234 | 12.5613 | 0.1610 | 12.7223 | | 54,099.41 89 | 54,099.41 89 | 1.5066 | | 54,137.08 43 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | 0.0000 | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |
| Total | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | 0.0000 | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.8191 | 79.1739 | 16.2195 | 0.2705 | 7.1417 | 0.0738 | 7.2155 | 2.0545 | 0.0705 | 2.1250 | | 28,798.40 52 | 28,798.40 52 | 1.2761 | | 28,830.30 76 |
| Worker | 6.0265 | 2.5948 | 52.5826 | 0.2533 | 39.6096 | 0.0984 | 39.7080 | 10.5068 | 0.0905 | 10.5973 | | 25,301.01 37 | 25,301.01 37 | 0.2305 | | 25,306.77 67 |
| Total | 7.8456 | 81.7687 | 68.8021 | 0.5238 | 46.7513 | 0.1721 | 46.9234 | 12.5613 | 0.1610 | 12.7223 | | 54,099.41 89 | 54,099.41 89 | 1.5066 | | 54,137.08 43 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |
| Total | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.8191 | 79.1739 | 16.2195 | 0.2705 | 7.1417 | 0.0738 | 7.2155 | 2.0545 | 0.0705 | 2.1250 | | 28,798.40 52 | 28,798.40 52 | 1.2761 | | 28,830.30 76 |
| Worker | 6.0265 | 2.5948 | 52.5826 | 0.2533 | 39.6096 | 0.0984 | 39.7080 | 10.5068 | 0.0905 | 10.5973 | | 25,301.01 37 | 25,301.01 37 | 0.2305 | | 25,306.77 67 |
| Total | 7.8456 | 81.7687 | 68.8021 | 0.5238 | 46.7513 | 0.1721 | 46.9234 | 12.5613 | 0.1610 | 12.7223 | | 54,099.41 89 | 54,099.41 89 | 1.5066 | | 54,137.08 43 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | 0.0000 | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |
| Total | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | 0.0000 | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.8191 | 79.1739 | 16.2195 | 0.2705 | 7.1417 | 0.0738 | 7.2155 | 2.0545 | 0.0705 | 2.1250 | | 28,798.40 52 | 28,798.40 52 | 1.2761 | | 28,830.30 76 |
| Worker | 6.0265 | 2.5948 | 52.5826 | 0.2533 | 39.6096 | 0.0984 | 39.7080 | 10.5068 | 0.0905 | 10.5973 | | 25,301.01 37 | 25,301.01 37 | 0.2305 | | 25,306.77 67 |
| Total | 7.8456 | 81.7687 | 68.8021 | 0.5238 | 46.7513 | 0.1721 | 46.9234 | 12.5613 | 0.1610 | 12.7223 | | 54,099.41 89 | 54,099.41 89 | 1.5066 | | 54,137.08 43 |

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | | 2,656.516 8 | 2,656.516 8 | 0.0893 | | 2,658.748 9 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | | 2,656.516 8 | 2,656.516 8 | 0.0893 | | 2,658.748 9 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |
| Total | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.0893 | | 2,658.7489 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.0893 | | 2,658.7489 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |
| Total | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | | 2,656.5168 | 2,656.5168 | 0.0893 | | 2,658.7489 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | | 2,656.5168 | 2,656.5168 | 0.0893 | | 2,658.7489 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |
| Total | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.0893 | | 2,658.7489 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.0893 | | 2,658.7489 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |
| Total | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |

3.7 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 202.4433 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1149 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |
| Total | 202.5582 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 Architectural Coating - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.4113 |
| Total | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.411 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 202.4433 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1149 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | 0.0000 | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |
| Total | 202.5582 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | 0.0000 | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.4113 |
| Total | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.411 3 |

3.7 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 202.4433 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1149 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |
| Total | 202.5582 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 Architectural Coating - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.4113 |
| Total | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.411 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 202.4433 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1149 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | 0.0000 | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |
| Total | 202.5582 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | 0.0000 | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.4113 |
| Total | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.411 3 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|----------|----------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|--------------|--------------|--------|-----|--------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Mitigated | 46.5717 | 181.3661 | 368.5582 | 1.5749 | 170.3417 | 0.7824 | 171.1241 | 45.4786 | 0.7266 | 46.2052 | | 160,621.2080 | 160,621.2080 | 6.0219 | | 160,771.7547 |
| Unmitigated | 46.7006 | 181.9336 | 372.0580 | 1.5920 | 172.4106 | 0.7899 | 173.2004 | 46.0310 | 0.7335 | 46.7645 | | 162,360.3128 | 162,360.3128 | 6.0713 | | 162,512.0965 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|--------------------------|-------------------------|------------------|------------------|-------------------|-------------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Apartments Low Rise | 10,972.35 | 11,921.40 | 10106.55 | 13,501,464 | 13,339,447 |
| Apartments Mid Rise | 20,515.25 | 19,713.15 | 18078.10 | 34,799,150 | 34,381,560 |
| City Park | 150.26 | 1,808.63 | 1330.83 | 1,025,459 | 1,013,153 |
| Condo/Townhouse | 871.50 | 850.50 | 726.00 | 2,175,327 | 2,149,223 |
| Elementary School | 1,535.29 | 0.00 | 0.00 | 2,306,054 | 2,278,381 |
| General Light Industry | 1,290.84 | 244.46 | 125.94 | 2,696,455 | 2,664,098 |
| Racquet Club | 883.89 | 1,345.05 | 1096.20 | 1,294,152 | 1,278,622 |
| Regional Shopping Center | 10,419.65 | 12,193.68 | 6159.06 | 14,063,079 | 13,894,322 |
| Total | 46,639.03 | 48,076.87 | 37,622.68 | 71,861,140 | 70,998,807 |

4.3 Trip Type Information

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| 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 |
| Apartments Low Rise | 1.10 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| Apartments Mid Rise | 4.47 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| City Park | 10.00 | 5.00 | 6.50 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |
| Condo/Townhouse | 10.00 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| Elementary School | 10.00 | 5.00 | 6.50 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| General Light Industry | 10.00 | 5.00 | 6.50 | 59.00 | 28.00 | 13.00 | 92 | 5 | 3 |
| Racquet Club | 10.00 | 5.00 | 6.50 | 11.50 | 69.50 | 19.00 | 52 | 39 | 9 |
| Regional Shopping Center | 10.00 | 5.00 | 6.50 | 16.30 | 64.70 | 19.00 | 54 | 35 | 11 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments Low Rise | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Apartments Mid Rise | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| City Park | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Condo/Townhouse | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Elementary School | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| General Light Industry | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Racquet Club | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Regional Shopping Center | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|------------------------|--------|---------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|--------|--------|-------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| NaturalGas Mitigated | 1.9214 | 16.6078 | 8.3729 | 0.1048 | | 1.3275 | 1.3275 | | 1.3275 | 1.3275 | | 20,960.1757 | 20,960.1757 | 0.4017 | 0.3843 | 21,084.7316 |
| NaturalGas Unmitigated | 1.9214 | 16.6078 | 8.3729 | 0.1048 | | 1.3275 | 1.3275 | | 1.3275 | 1.3275 | | 20,960.1757 | 20,960.1757 | 0.4017 | 0.3843 | 21,084.7316 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Apartments Low Rise | 55190.1 | 0.5952 | 5.0861 | 2.1643 | 0.0325 | | 0.4112 | 0.4112 | | 0.4112 | 0.4112 | | 6,492.9472 | 6,492.9472 | 0.1245 | 0.1190 | 6,531.5316 |
| Apartments Mid Rise | 82391.5 | 0.8885 | 7.5929 | 3.2310 | 0.0485 | | 0.6139 | 0.6139 | | 0.6139 | 0.6139 | | 9,693.1148 | 9,693.1148 | 0.1858 | 0.1777 | 9,750.7161 |
| 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 |
| Condo/Townhouse | 8445.72 | 0.0911 | 0.7783 | 0.3312 | 4.9700e-003 | | 0.0629 | 0.0629 | | 0.0629 | 0.0629 | | 993.6140 | 993.6140 | 0.0190 | 0.0182 | 999.5186 |
| Elementary School | 4159.92 | 0.0449 | 0.4078 | 0.3426 | 2.4500e-003 | | 0.0310 | 0.0310 | | 0.0310 | 0.0310 | | 489.4021 | 489.4021 | 9.3800e-003 | 8.9700e-003 | 492.3104 |
| General Light Industry | 18169.9 | 0.1960 | 1.7814 | 1.4963 | 0.0107 | | 0.1354 | 0.1354 | | 0.1354 | 0.1354 | | 2,137.6348 | 2,137.6348 | 0.0410 | 0.0392 | 2,150.3377 |
| Racquet Club | 6180.9 | 0.0667 | 0.6060 | 0.5090 | 3.6400e-003 | | 0.0461 | 0.0461 | | 0.0461 | 0.0461 | | 727.1652 | 727.1652 | 0.0139 | 0.0133 | 731.4864 |
| Regional Shopping Center | 3623.53 | 0.0391 | 0.3553 | 0.2984 | 2.1300e-003 | | 0.0270 | 0.0270 | | 0.0270 | 0.0270 | | 426.2976 | 426.2976 | 8.1700e-003 | 7.8200e-003 | 428.8309 |
| Total | | 1.9214 | 16.6078 | 8.3729 | 0.1048 | | 1.3275 | 1.3275 | | 1.3275 | 1.3275 | | 20,960.1757 | 20,960.1757 | 0.4017 | 0.3843 | 21,084.7316 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Apartments Low Rise | 55.1901 | 0.5952 | 5.0861 | 2.1643 | 0.0325 | | 0.4112 | 0.4112 | | 0.4112 | 0.4112 | | 6,492.9472 | 6,492.9472 | 0.1245 | 0.1190 | 6,531.5316 |
| Apartments Mid Rise | 82.3915 | 0.8885 | 7.5929 | 3.2310 | 0.0485 | | 0.6139 | 0.6139 | | 0.6139 | 0.6139 | | 9,693.1148 | 9,693.1148 | 0.1858 | 0.1777 | 9,750.7161 |
| 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 |
| Condo/Townhouse | 8.44572 | 0.0911 | 0.7783 | 0.3312 | 4.9700e-003 | | 0.0629 | 0.0629 | | 0.0629 | 0.0629 | | 993.6140 | 993.6140 | 0.0190 | 0.0182 | 999.5186 |
| Elementary School | 4.15992 | 0.0449 | 0.4078 | 0.3426 | 2.4500e-003 | | 0.0310 | 0.0310 | | 0.0310 | 0.0310 | | 489.4021 | 489.4021 | 9.3800e-003 | 8.9700e-003 | 492.3104 |
| General Light Industry | 18.1699 | 0.1960 | 1.7814 | 1.4963 | 0.0107 | | 0.1354 | 0.1354 | | 0.1354 | 0.1354 | | 2,137.6348 | 2,137.6348 | 0.0410 | 0.0392 | 2,150.3377 |
| Racquet Club | 6.1809 | 0.0667 | 0.6060 | 0.5090 | 3.6400e-003 | | 0.0461 | 0.0461 | | 0.0461 | 0.0461 | | 727.1652 | 727.1652 | 0.0139 | 0.0133 | 731.4864 |
| Regional Shopping Center | 3.62353 | 0.0391 | 0.3553 | 0.2984 | 2.1300e-003 | | 0.0270 | 0.0270 | | 0.0270 | 0.0270 | | 426.2976 | 426.2976 | 8.1700e-003 | 7.8200e-003 | 428.8309 |
| Total | | 1.9214 | 16.6078 | 8.3729 | 0.1048 | | 1.3275 | 1.3275 | | 1.3275 | 1.3275 | | 20,960.1757 | 20,960.1757 | 0.4017 | 0.3843 | 21,084.7316 |

6.0 Area Detail

6.1 Mitigation Measures Area

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|----------|--------|----------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|----------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Mitigated | 148.0552 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | 0.0000 | 728.0532 | 728.0532 | 0.6933 | 0.0000 | 745.3858 |
| Unmitigated | 148.0552 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | 0.0000 | 728.0532 | 728.0532 | 0.6933 | 0.0000 | 745.3858 |

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 18.3031 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 117.7012 | | | | | 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 | 12.0509 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | | 728.0532 | 728.0532 | 0.6933 | | 745.3858 |
| Total | 148.0552 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | 0.0000 | 728.0532 | 728.0532 | 0.6933 | 0.0000 | 745.3858 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 18.3031 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 117.7012 | | | | | 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 | 12.0509 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | | 728.0532 | 728.0532 | 0.6933 | | 745.3858 |
| Total | 148.0552 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | 0.0000 | 728.0532 | 728.0532 | 0.6933 | 0.0000 | 745.3858 |

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

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

User Defined Equipment

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

11.0 Vegetation

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento County, Annual

**West Broadway Future_VMT Adj_incl Project Features and Miti
Sacramento County, Annual**

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|--------------------------|----------|---------------|-------------|--------------------|------------|
| Elementary School | 99.50 | 1000sqft | 2.28 | 99,500.00 | 0 |
| General Light Industry | 185.20 | 1000sqft | 4.25 | 185,200.00 | 0 |
| City Park | 79.50 | Acre | 79.50 | 3,463,020.00 | 0 |
| Racquet Club | 63.00 | 1000sqft | 1.45 | 63,000.00 | 0 |
| Apartments Low Rise | 1,665.00 | Dwelling Unit | 104.06 | 1,665,000.00 | 4446 |
| Apartments Mid Rise | 3,085.00 | Dwelling Unit | 81.18 | 3,085,000.00 | 8237 |
| Condo/Townhouse | 150.00 | Dwelling Unit | 9.38 | 150,000.00 | 401 |
| Regional Shopping Center | 244.02 | 1000sqft | 5.60 | 244,020.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|--------------------------------|---------------------------------------|--------------------------------|-------|----------------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.5 | Precipitation Freq (Days) | 58 |
| Climate Zone | 6 | | | Operational Year | 2035 |
| Utility Company | Sacramento Municipal Utility District | | | | |
| CO2 Intensity (lb/MWhr) | 143.85 | CH4 Intensity (lb/MWhr) | 0.029 | N2O Intensity (lb/MWhr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento County, Annual

Mobile Land Use Mitigation -

Area Mitigation -

Project Characteristics -

| Table Name | Column Name | Default Value | New Value |
|---------------------------|--------------------|---------------|-----------|
| tblEnergyUse | T24E | 511.12 | 240.23 |
| tblEnergyUse | T24E | 460.92 | 428.66 |
| tblEnergyUse | T24E | 381.61 | 354.90 |
| tblEnergyUse | T24E | 3.41 | 2.39 |
| tblEnergyUse | T24E | 3.26 | 2.28 |
| tblEnergyUse | T24NG | 9,411.72 | 9,129.37 |
| tblEnergyUse | T24NG | 7,061.10 | 6,849.27 |
| tblEnergyUse | T24NG | 17,864.25 | 17,328.32 |
| tblProjectCharacteristics | CO2IntensityFactor | 590.31 | 143.85 |
| tblVehicleTrips | HW_TL | 10.00 | 1.10 |
| tblVehicleTrips | HW_TL | 10.00 | 4.47 |

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 | | | | | |
| 2020 | 0.4447 | 4.4848 | 2.9336 | 5.5800e-003 | 0.1254 | 0.2179 | 0.3433 | 0.0217 | 0.2025 | 0.2242 | 0.0000 | 492.9156 | 492.9156 | 0.1281 | 0.0000 | 496.1183 |

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento 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 | | | | | |
| 2021 | 0.5087 | 5.2624 | 3.0406 | 5.7100e-003 | 2.4108 | 0.2563 | 2.6671 | 1.0400 | 0.2361 | 1.2761 | 0.0000 | 502.3455 | 502.3455 | 0.1541 | 0.0000 | 506.1974 |
| 2022 | 0.4796 | 5.0549 | 3.8359 | 8.2400e-003 | 1.4184 | 0.2127 | 1.6311 | 0.5020 | 0.1957 | 0.6976 | 0.0000 | 724.7075 | 724.7075 | 0.2297 | 0.0000 | 730.4493 |
| 2023 | 1.2582 | 8.7494 | 9.8508 | 0.0367 | 3.3302 | 0.1691 | 3.4993 | 0.9346 | 0.1565 | 1.0911 | 0.0000 | 3,381.914 3 | 3,381.914 3 | 0.2721 | 0.0000 | 3,388.716 2 |
| 2024 | 2.4778 | 15.4216 | 18.8553 | 0.0825 | 5.9193 | 0.1303 | 6.0496 | 1.5953 | 0.1222 | 1.7175 | 0.0000 | 7,659.979 2 | 7,659.979 2 | 0.3334 | 0.0000 | 7,668.313 2 |
| 2025 | 2.3332 | 14.9008 | 17.6099 | 0.0803 | 5.8966 | 0.1171 | 6.0138 | 1.5891 | 0.1098 | 1.6990 | 0.0000 | 7,458.451 2 | 7,458.451 2 | 0.3220 | 0.0000 | 7,466.499 9 |
| 2026 | 2.2257 | 14.5924 | 16.6078 | 0.0786 | 5.8966 | 0.1153 | 6.0119 | 1.5891 | 0.1081 | 1.6972 | 0.0000 | 7,303.708 0 | 7,303.708 0 | 0.3134 | 0.0000 | 7,311.5434 |
| 2027 | 2.1217 | 14.3107 | 15.7078 | 0.0770 | 5.8965 | 0.1130 | 6.0095 | 1.5891 | 0.1060 | 1.6950 | 0.0000 | 7,164.330 7 | 7,164.330 7 | 0.3056 | 0.0000 | 7,171.970 2 |
| 2028 | 2.0079 | 14.0142 | 14.8617 | 0.0753 | 5.8739 | 0.1100 | 5.9838 | 1.5830 | 0.1031 | 1.6861 | 0.0000 | 7,014.240 4 | 7,014.240 4 | 0.2974 | 0.0000 | 7,021.674 9 |
| 2029 | 1.9017 | 13.8384 | 14.1738 | 0.0744 | 5.8964 | 0.1078 | 6.0042 | 1.5891 | 0.1011 | 1.6902 | 0.0000 | 6,931.744 3 | 6,931.744 3 | 0.2917 | 0.0000 | 6,939.037 5 |
| 2030 | 1.7846 | 13.0338 | 13.5195 | 0.0739 | 5.8964 | 0.0559 | 5.9522 | 1.5890 | 0.0534 | 1.6425 | 0.0000 | 6,875.519 3 | 6,875.519 3 | 0.2280 | 0.0000 | 6,881.219 4 |
| 2031 | 1.6701 | 12.8385 | 12.8956 | 0.0729 | 5.8963 | 0.0536 | 5.9499 | 1.5890 | 0.0513 | 1.6403 | 0.0000 | 6,791.105 4 | 6,791.105 4 | 0.2222 | 0.0000 | 6,796.660 7 |
| 2032 | 1.5743 | 12.7095 | 12.3985 | 0.0724 | 5.9189 | 0.0518 | 5.9707 | 1.5951 | 0.0496 | 1.6447 | 0.0000 | 6,743.912 4 | 6,743.912 4 | 0.2180 | 0.0000 | 6,749.361 9 |
| 2033 | 1.4794 | 12.4586 | 11.8468 | 0.0711 | 5.8737 | 0.0496 | 5.9233 | 1.5829 | 0.0476 | 1.6305 | 0.0000 | 6,629.699 6 | 6,629.699 6 | 0.2120 | 0.0000 | 6,635.000 5 |
| 2034 | 1.4062 | 12.3190 | 11.4158 | 0.0705 | 5.8736 | 0.0479 | 5.9216 | 1.5829 | 0.0460 | 1.6289 | 0.0000 | 6,575.693 4 | 6,575.693 4 | 0.2080 | 0.0000 | 6,580.894 3 |
| 2035 | 1.3358 | 12.1449 | 11.0853 | 0.0703 | 5.8962 | 0.0391 | 5.9353 | 1.5890 | 0.0373 | 1.6262 | 0.0000 | 6,555.053 7 | 6,555.053 7 | 0.2043 | 0.0000 | 6,560.162 2 |
| 2036 | 1.3409 | 12.1914 | 11.1277 | 0.0706 | 5.9188 | 0.0392 | 5.9580 | 1.5951 | 0.0374 | 1.6325 | 0.0000 | 6,580.168 8 | 6,580.168 8 | 0.2051 | 0.0000 | 6,585.296 9 |
| 2037 | 1.3358 | 12.1449 | 11.0853 | 0.0703 | 5.8962 | 0.0391 | 5.9353 | 1.5890 | 0.0373 | 1.6262 | 0.0000 | 6,555.053 7 | 6,555.053 7 | 0.2043 | 0.0000 | 6,560.162 2 |
| 2038 | 1.3358 | 12.1449 | 11.0853 | 0.0703 | 5.8962 | 0.0391 | 5.9353 | 1.5890 | 0.0373 | 1.6262 | 0.0000 | 6,555.053 7 | 6,555.053 7 | 0.2043 | 0.0000 | 6,560.162 2 |

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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 | | | | | |
| 2039 | 1.3307 | 12.0983 | 11.0428 | 0.0700 | 5.8736 | 0.0389 | 5.9125 | 1.5829 | 0.0371 | 1.6200 | 0.0000 | 6,529.9385 | 6,529.9385 | 0.2036 | 0.0000 | 6,535.0275 |
| 2040 | 1.1018 | 11.7134 | 9.9419 | 0.0688 | 5.8961 | 0.0322 | 5.9283 | 1.5890 | 0.0307 | 1.6197 | 0.0000 | 6,421.9510 | 6,421.9510 | 0.1922 | 0.0000 | 6,426.7554 |
| 2041 | 0.5641 | 5.4717 | 5.5743 | 0.0327 | 2.6285 | 0.0228 | 2.6513 | 0.7083 | 0.0221 | 0.7304 | 0.0000 | 3,033.2517 | 3,033.2517 | 0.0913 | 0.0000 | 3,035.5347 |
| 2042 | 7.8331 | 0.3882 | 1.8685 | 4.5100e-003 | 0.3007 | 0.0118 | 0.3125 | 0.0800 | 0.0118 | 0.0917 | 0.0000 | 395.6425 | 395.6425 | 9.2700e-003 | 0.0000 | 395.8742 |
| 2043 | 25.8618 | 0.1645 | 1.3167 | 6.1900e-003 | 0.9710 | 3.4400e-003 | 0.9744 | 0.2583 | 3.2400e-003 | 0.2615 | 0.0000 | 558.7927 | 558.7927 | 5.7700e-003 | 0.0000 | 558.9369 |
| Maximum | 25.8618 | 15.4216 | 18.8553 | 0.0825 | 5.9193 | 0.2563 | 6.0496 | 1.5953 | 0.2361 | 1.7175 | 0.0000 | 7,659.9792 | 7,659.9792 | 0.3334 | 0.0000 | 7,668.3132 |

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 | | | | | |
| 2020 | 0.4447 | 4.4848 | 2.9335 | 5.5800e-003 | 0.1254 | 0.2179 | 0.3433 | 0.0217 | 0.2025 | 0.2242 | 0.0000 | 492.9151 | 492.9151 | 0.1281 | 0.0000 | 496.1178 |
| 2021 | 0.5087 | 5.2624 | 3.0406 | 5.7100e-003 | 2.4108 | 0.2563 | 2.6671 | 1.0400 | 0.2361 | 1.2761 | 0.0000 | 502.3450 | 502.3450 | 0.1541 | 0.0000 | 506.1968 |
| 2022 | 0.4796 | 5.0549 | 3.8359 | 8.2400e-003 | 1.4184 | 0.2127 | 1.6311 | 0.5020 | 0.1957 | 0.6976 | 0.0000 | 724.7066 | 724.7066 | 0.2297 | 0.0000 | 730.4485 |
| 2023 | 1.2582 | 8.7494 | 9.8508 | 0.0367 | 3.3302 | 0.1691 | 3.4993 | 0.9346 | 0.1565 | 1.0911 | 0.0000 | 3,381.9136 | 3,381.9136 | 0.2721 | 0.0000 | 3,388.7155 |
| 2024 | 2.4778 | 15.4216 | 18.8553 | 0.0825 | 5.9193 | 0.1303 | 6.0496 | 1.5953 | 0.1222 | 1.7175 | 0.0000 | 7,659.9788 | 7,659.9788 | 0.3334 | 0.0000 | 7,668.3128 |
| 2025 | 2.3332 | 14.9008 | 17.6099 | 0.0803 | 5.8966 | 0.1171 | 6.0138 | 1.5891 | 0.1098 | 1.6990 | 0.0000 | 7,458.4509 | 7,458.4509 | 0.3220 | 0.0000 | 7,466.4996 |

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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 | | | | | |
| 2026 | 2.2257 | 14.5924 | 16.6078 | 0.0786 | 5.8966 | 0.1153 | 6.0119 | 1.5891 | 0.1081 | 1.6972 | 0.0000 | 7,303.707 6 | 7,303.707 6 | 0.3134 | 0.0000 | 7,311.543 1 |
| 2027 | 2.1217 | 14.3107 | 15.7078 | 0.0770 | 5.8965 | 0.1130 | 6.0095 | 1.5891 | 0.1060 | 1.6950 | 0.0000 | 7,164.330 4 | 7,164.330 4 | 0.3056 | 0.0000 | 7,171.969 8 |
| 2028 | 2.0079 | 14.0142 | 14.8617 | 0.0753 | 5.8739 | 0.1100 | 5.9838 | 1.5830 | 0.1031 | 1.6861 | 0.0000 | 7,014.240 0 | 7,014.240 0 | 0.2974 | 0.0000 | 7,021.674 5 |
| 2029 | 1.9017 | 13.8384 | 14.1738 | 0.0744 | 5.8964 | 0.1078 | 6.0042 | 1.5891 | 0.1011 | 1.6902 | 0.0000 | 6,931.744 0 | 6,931.744 0 | 0.2917 | 0.0000 | 6,939.037 1 |
| 2030 | 1.7846 | 13.0338 | 13.5195 | 0.0739 | 5.8964 | 0.0559 | 5.9522 | 1.5890 | 0.0534 | 1.6425 | 0.0000 | 6,875.518 9 | 6,875.518 9 | 0.2280 | 0.0000 | 6,881.219 0 |
| 2031 | 1.6701 | 12.8385 | 12.8956 | 0.0729 | 5.8963 | 0.0536 | 5.9499 | 1.5890 | 0.0513 | 1.6403 | 0.0000 | 6,791.105 0 | 6,791.105 0 | 0.2222 | 0.0000 | 6,796.660 3 |
| 2032 | 1.5743 | 12.7095 | 12.3985 | 0.0724 | 5.9189 | 0.0518 | 5.9707 | 1.5951 | 0.0496 | 1.6447 | 0.0000 | 6,743.912 0 | 6,743.912 0 | 0.2180 | 0.0000 | 6,749.361 5 |
| 2033 | 1.4794 | 12.4586 | 11.8468 | 0.0711 | 5.8737 | 0.0496 | 5.9233 | 1.5829 | 0.0476 | 1.6305 | 0.0000 | 6,629.699 2 | 6,629.699 2 | 0.2120 | 0.0000 | 6,635.000 1 |
| 2034 | 1.4062 | 12.3190 | 11.4158 | 0.0705 | 5.8736 | 0.0479 | 5.9216 | 1.5829 | 0.0460 | 1.6289 | 0.0000 | 6,575.693 0 | 6,575.693 0 | 0.2080 | 0.0000 | 6,580.893 9 |
| 2035 | 1.3358 | 12.1449 | 11.0853 | 0.0703 | 5.8962 | 0.0391 | 5.9353 | 1.5890 | 0.0373 | 1.6262 | 0.0000 | 6,555.053 3 | 6,555.053 3 | 0.2043 | 0.0000 | 6,560.161 8 |
| 2036 | 1.3409 | 12.1914 | 11.1277 | 0.0706 | 5.9188 | 0.0392 | 5.9580 | 1.5951 | 0.0374 | 1.6325 | 0.0000 | 6,580.168 4 | 6,580.168 4 | 0.2051 | 0.0000 | 6,585.296 5 |
| 2037 | 1.3358 | 12.1449 | 11.0853 | 0.0703 | 5.8962 | 0.0391 | 5.9353 | 1.5890 | 0.0373 | 1.6262 | 0.0000 | 6,555.053 3 | 6,555.053 3 | 0.2043 | 0.0000 | 6,560.161 8 |
| 2038 | 1.3358 | 12.1449 | 11.0853 | 0.0703 | 5.8962 | 0.0391 | 5.9353 | 1.5890 | 0.0373 | 1.6262 | 0.0000 | 6,555.053 3 | 6,555.053 3 | 0.2043 | 0.0000 | 6,560.161 8 |
| 2039 | 1.3307 | 12.0983 | 11.0428 | 0.0700 | 5.8736 | 0.0389 | 5.9125 | 1.5829 | 0.0371 | 1.6200 | 0.0000 | 6,529.938 1 | 6,529.938 1 | 0.2036 | 0.0000 | 6,535.027 0 |
| 2040 | 1.1018 | 11.7134 | 9.9418 | 0.0688 | 5.8961 | 0.0322 | 5.9283 | 1.5890 | 0.0307 | 1.6197 | 0.0000 | 6,421.950 6 | 6,421.950 6 | 0.1922 | 0.0000 | 6,426.755 0 |
| 2041 | 0.5641 | 5.4717 | 5.5743 | 0.0327 | 2.6285 | 0.0228 | 2.6513 | 0.7083 | 0.0221 | 0.7304 | 0.0000 | 3,033.251 3 | 3,033.251 3 | 0.0913 | 0.0000 | 3,035.534 4 |
| 2042 | 7.8331 | 0.3882 | 1.8685 | 4.5100e-003 | 0.3007 | 0.0118 | 0.3125 | 0.0800 | 0.0118 | 0.0917 | 0.0000 | 395.6422 | 395.6422 | 9.2700e-003 | 0.0000 | 395.8739 |
| 2043 | 25.8618 | 0.1645 | 1.3167 | 6.1900e-003 | 0.9710 | 3.4400e-003 | 0.9744 | 0.2583 | 3.2400e-003 | 0.2615 | 0.0000 | 558.7927 | 558.7927 | 5.7700e-003 | 0.0000 | 558.9368 |

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| | | | | | | | | | | | | | | | | |
|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|------------|------------|--------|--------|------------|
| Maximum | 25.8618 | 15.4216 | 18.8553 | 0.0825 | 5.9193 | 0.2563 | 6.0496 | 1.5953 | 0.2361 | 1.7175 | 0.0000 | 7,659.9788 | 7,659.9788 | 0.3334 | 0.0000 | 7,668.3128 |
|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|------------|------------|--------|--------|------------|

| | ROG | NOx | CO | SO2 | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 1-1-2020 | 3-31-2020 | 1.2234 | 1.2234 |
| 2 | 4-1-2020 | 6-30-2020 | 1.2220 | 1.2220 |
| 3 | 7-1-2020 | 9-30-2020 | 1.2354 | 1.2354 |
| 4 | 10-1-2020 | 12-31-2020 | 1.2369 | 1.2369 |
| 5 | 1-1-2021 | 3-31-2021 | 1.2595 | 1.2595 |
| 6 | 4-1-2021 | 6-30-2021 | 1.4461 | 1.4461 |
| 7 | 7-1-2021 | 9-30-2021 | 1.4620 | 1.4620 |
| 8 | 10-1-2021 | 12-31-2021 | 1.5931 | 1.5931 |
| 9 | 1-1-2022 | 3-31-2022 | 1.3687 | 1.3687 |
| 10 | 4-1-2022 | 6-30-2022 | 1.3839 | 1.3839 |
| 11 | 7-1-2022 | 9-30-2022 | 1.3991 | 1.3991 |
| 12 | 10-1-2022 | 12-31-2022 | 1.3992 | 1.3992 |
| 13 | 1-1-2023 | 3-31-2023 | 1.2196 | 1.2196 |
| 14 | 4-1-2023 | 6-30-2023 | 1.2331 | 1.2331 |
| 15 | 7-1-2023 | 9-30-2023 | 2.9518 | 2.9518 |
| 16 | 10-1-2023 | 12-31-2023 | 4.7158 | 4.7158 |
| 17 | 1-1-2024 | 3-31-2024 | 4.5005 | 4.5005 |
| 18 | 4-1-2024 | 6-30-2024 | 4.4467 | 4.4467 |
| 19 | 7-1-2024 | 9-30-2024 | 4.4955 | 4.4955 |
| 20 | 10-1-2024 | 12-31-2024 | 4.5500 | 4.5500 |
| 21 | 1-1-2025 | 3-31-2025 | 4.2998 | 4.2998 |

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| | | | | |
|----|-----------|------------|--------|--------|
| 22 | 4-1-2025 | 6-30-2025 | 4.2975 | 4.2975 |
| 23 | 7-1-2025 | 9-30-2025 | 4.3447 | 4.3447 |
| 24 | 10-1-2025 | 12-31-2025 | 4.3953 | 4.3953 |
| 25 | 1-1-2026 | 3-31-2026 | 4.1940 | 4.1940 |
| 26 | 4-1-2026 | 6-30-2026 | 4.1933 | 4.1933 |
| 27 | 7-1-2026 | 9-30-2026 | 4.2394 | 4.2394 |
| 28 | 10-1-2026 | 12-31-2026 | 4.2872 | 4.2872 |
| 29 | 1-1-2027 | 3-31-2027 | 4.0957 | 4.0957 |
| 30 | 4-1-2027 | 6-30-2027 | 4.0966 | 4.0966 |
| 31 | 7-1-2027 | 9-30-2027 | 4.1416 | 4.1416 |
| 32 | 10-1-2027 | 12-31-2027 | 4.1867 | 4.1867 |
| 33 | 1-1-2028 | 3-31-2028 | 4.0511 | 4.0511 |
| 34 | 4-1-2028 | 6-30-2028 | 4.0087 | 4.0087 |
| 35 | 7-1-2028 | 9-30-2028 | 4.0527 | 4.0527 |
| 36 | 10-1-2028 | 12-31-2028 | 4.0956 | 4.0956 |
| 37 | 1-1-2029 | 3-31-2029 | 3.9186 | 3.9186 |
| 38 | 4-1-2029 | 6-30-2029 | 3.9217 | 3.9217 |
| 39 | 7-1-2029 | 9-30-2029 | 3.9648 | 3.9648 |
| 40 | 10-1-2029 | 12-31-2029 | 4.0057 | 4.0057 |
| 41 | 1-1-2030 | 3-31-2030 | 3.6884 | 3.6884 |
| 42 | 4-1-2030 | 6-30-2030 | 3.6905 | 3.6905 |
| 43 | 7-1-2030 | 9-30-2030 | 3.7311 | 3.7311 |
| 44 | 10-1-2030 | 12-31-2030 | 3.7704 | 3.7704 |
| 45 | 1-1-2031 | 3-31-2031 | 3.6088 | 3.6088 |
| 46 | 4-1-2031 | 6-30-2031 | 3.6116 | 3.6116 |
| 47 | 7-1-2031 | 9-30-2031 | 3.6512 | 3.6512 |
| 48 | 10-1-2031 | 12-31-2031 | 3.6890 | 3.6890 |

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| | | | | |
|----|-----------|------------|--------|--------|
| 49 | 1-1-2032 | 3-31-2032 | 3.5765 | 3.5765 |
| 50 | 4-1-2032 | 6-30-2032 | 3.5401 | 3.5401 |
| 51 | 7-1-2032 | 9-30-2032 | 3.5790 | 3.5790 |
| 52 | 10-1-2032 | 12-31-2032 | 3.6158 | 3.6158 |
| 53 | 1-1-2033 | 3-31-2033 | 3.4764 | 3.4764 |
| 54 | 4-1-2033 | 6-30-2033 | 3.4793 | 3.4793 |
| 55 | 7-1-2033 | 9-30-2033 | 3.5175 | 3.5175 |
| 56 | 10-1-2033 | 12-31-2033 | 3.5537 | 3.5537 |
| 57 | 1-1-2034 | 3-31-2034 | 3.4219 | 3.4219 |
| 58 | 4-1-2034 | 6-30-2034 | 3.4241 | 3.4241 |
| 59 | 7-1-2034 | 9-30-2034 | 3.4617 | 3.4617 |
| 60 | 10-1-2034 | 12-31-2034 | 3.4980 | 3.4980 |
| 61 | 1-1-2035 | 3-31-2035 | 3.3472 | 3.3472 |
| 62 | 4-1-2035 | 6-30-2035 | 3.3483 | 3.3483 |
| 63 | 7-1-2035 | 9-30-2035 | 3.3851 | 3.3851 |
| 64 | 10-1-2035 | 12-31-2035 | 3.4216 | 3.4216 |
| 65 | 1-1-2036 | 3-31-2036 | 3.3844 | 3.3844 |
| 66 | 4-1-2036 | 6-30-2036 | 3.3483 | 3.3483 |
| 67 | 7-1-2036 | 9-30-2036 | 3.3851 | 3.3851 |
| 68 | 10-1-2036 | 12-31-2036 | 3.4216 | 3.4216 |
| 69 | 1-1-2037 | 3-31-2037 | 3.3472 | 3.3472 |
| 70 | 4-1-2037 | 6-30-2037 | 3.3483 | 3.3483 |
| 71 | 7-1-2037 | 9-30-2037 | 3.3851 | 3.3851 |
| 72 | 10-1-2037 | 12-31-2037 | 3.4216 | 3.4216 |
| 73 | 1-1-2038 | 3-31-2038 | 3.3472 | 3.3472 |
| 74 | 4-1-2038 | 6-30-2038 | 3.3483 | 3.3483 |
| 75 | 7-1-2038 | 9-30-2038 | 3.3851 | 3.3851 |

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| | | | | |
|----|-----------|------------|--------|--------|
| 76 | 10-1-2038 | 12-31-2038 | 3.4216 | 3.4216 |
| 77 | 1-1-2039 | 3-31-2039 | 3.3472 | 3.3472 |
| 78 | 4-1-2039 | 6-30-2039 | 3.3483 | 3.3483 |
| 79 | 7-1-2039 | 9-30-2039 | 3.3851 | 3.3851 |
| 80 | 10-1-2039 | 12-31-2039 | 3.4216 | 3.4216 |
| 81 | 1-1-2040 | 3-31-2040 | 3.2133 | 3.2133 |
| 82 | 4-1-2040 | 6-30-2040 | 3.1753 | 3.1753 |
| 83 | 7-1-2040 | 9-30-2040 | 3.2102 | 3.2102 |
| 84 | 10-1-2040 | 12-31-2040 | 3.2486 | 3.2486 |
| 85 | 1-1-2041 | 3-31-2041 | 3.1780 | 3.1780 |
| 86 | 4-1-2041 | 6-30-2041 | 2.5442 | 2.5442 |
| 87 | 7-1-2041 | 9-30-2041 | 0.1542 | 0.1542 |
| 88 | 10-1-2041 | 12-31-2041 | 0.1542 | 0.1542 |
| 89 | 1-1-2042 | 3-31-2042 | 0.1509 | 0.1509 |
| 90 | 4-1-2042 | 6-30-2042 | 0.1525 | 0.1525 |
| 91 | 7-1-2042 | 9-30-2042 | 1.1558 | 1.1558 |
| 92 | 10-1-2042 | 12-31-2042 | 6.7389 | 6.7389 |
| 93 | 1-1-2043 | 3-31-2043 | 6.5924 | 6.5924 |
| 94 | 4-1-2043 | 6-30-2043 | 6.6628 | 6.6628 |
| 95 | 7-1-2043 | 9-30-2043 | 6.7360 | 6.7360 |
| | | Highest | 6.7389 | 6.7389 |

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento 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 | 26.3271 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |
| Energy | 0.3442 | 2.9755 | 1.5045 | 0.0188 | | 0.2378 | 0.2378 | | 0.2378 | 0.2378 | 0.0000 | 5,223.2722 | 5,223.2722 | 0.4317 | 0.1382 | 5,275.2600 |
| Mobile | 5.6692 | 29.7395 | 54.1924 | 0.2377 | 26.7438 | 0.1271 | 26.8710 | 7.1605 | 0.1181 | 7.2786 | 0.0000 | 22,018.6311 | 22,018.6311 | 0.8863 | 0.0000 | 22,040.7880 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 656.7082 | 0.0000 | 656.7082 | 38.8104 | 0.0000 | 1,626.9669 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 136.8393 | 198.0850 | 334.9243 | 0.5109 | 0.3058 | 438.8385 |
| Total | 32.3405 | 33.2960 | 106.0598 | 0.2591 | 26.7438 | 0.6452 | 27.3890 | 7.1605 | 0.6361 | 7.7966 | 793.5476 | 27,522.5480 | 28,316.0956 | 40.7178 | 0.4441 | 29,466.3787 |

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento 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 | 26.3271 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |
| Energy | 0.3442 | 2.9755 | 1.5045 | 0.0188 | | 0.2378 | 0.2378 | | 0.2378 | 0.2378 | 0.0000 | 5,223.2722 | 5,223.2722 | 0.4317 | 0.1382 | 5,275.2600 |
| Mobile | 5.6491 | 29.6410 | 53.7260 | 0.2351 | 26.4229 | 0.1259 | 26.5489 | 7.0746 | 0.1170 | 7.1915 | 0.0000 | 21,783.7369 | 21,783.7369 | 0.8793 | 0.0000 | 21,805.7200 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 656.7082 | 0.0000 | 656.7082 | 38.8104 | 0.0000 | 1,626.9669 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 136.8393 | 198.0850 | 334.9243 | 0.5109 | 0.3058 | 438.8385 |
| Total | 32.3203 | 33.1974 | 105.5933 | 0.2566 | 26.4229 | 0.6440 | 27.0669 | 7.0746 | 0.6350 | 7.7096 | 793.5476 | 27,287.6538 | 28,081.2014 | 40.7109 | 0.4441 | 29,231.3107 |

| | ROG | NOx | CO | SO2 | 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 | 0.30 | 0.44 | 0.98 | 1.20 | 0.18 | 1.18 | 1.20 | 0.17 | 1.12 | 0.00 | 0.85 | 0.83 | 0.02 | 0.00 | 0.80 |

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 | Demolition | Demolition | 1/1/2020 | 2/23/2021 | 5 | 300 | |
| 2 | Site Preparation | Site Preparation | 2/24/2021 | 11/2/2021 | 5 | 180 | |
| 3 | Grading | Grading | 11/3/2021 | 8/15/2023 | 5 | 465 | |
| 4 | Building Construction | Building Construction | 8/16/2023 | 6/11/2041 | 5 | 4650 | |
| 5 | Paving | Paving | 6/12/2041 | 9/16/2042 | 5 | 330 | |
| 6 | Architectural Coating | Architectural Coating | 9/17/2042 | 12/22/2043 | 5 | 330 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 887,580; Non-Residential Outdoor: 295,860; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento County, Annual

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Demolition | Excavators | 3 | 8.00 | 158 | 0.38 |
| Demolition | Rubber Tired Dozers | 2 | 8.00 | 247 | 0.40 |
| 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

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento County, Annual

| 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 |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition | 6 | 15.00 | 0.00 | 1,040.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 5,207.00 | 1,188.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 1,041.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 0.1025 | 0.0000 | 0.1025 | 0.0155 | 0.0000 | 0.0155 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4339 | 4.3493 | 2.8497 | 5.0800e-003 | | 0.2173 | 0.2173 | | 0.2020 | 0.2020 | 0.0000 | 445.3818 | 445.3818 | 0.1257 | 0.0000 | 448.5250 |
| Total | 0.4339 | 4.3493 | 2.8497 | 5.0800e-003 | 0.1025 | 0.2173 | 0.3198 | 0.0155 | 0.2020 | 0.2175 | 0.0000 | 445.3818 | 445.3818 | 0.1257 | 0.0000 | 448.5250 |

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3.2 Demolition - 2020

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 3.4900e-003 | 0.1305 | 0.0295 | 3.6000e-004 | 8.5000e-003 | 4.7000e-004 | 8.9700e-003 | 2.3100e-003 | 4.5000e-004 | 2.7600e-003 | 0.0000 | 34.7469 | 34.7469 | 2.0200e-003 | 0.0000 | 34.7974 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.3100e-003 | 4.9600e-003 | 0.0544 | 1.4000e-004 | 0.0144 | 1.0000e-004 | 0.0145 | 3.8400e-003 | 1.0000e-004 | 3.9300e-003 | 0.0000 | 12.7870 | 12.7870 | 3.6000e-004 | 0.0000 | 12.7960 |
| Total | 0.0108 | 0.1354 | 0.0839 | 5.0000e-004 | 0.0229 | 5.7000e-004 | 0.0235 | 6.1500e-003 | 5.5000e-004 | 6.6900e-003 | 0.0000 | 47.5338 | 47.5338 | 2.3800e-003 | 0.0000 | 47.5934 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 0.1025 | 0.0000 | 0.1025 | 0.0155 | 0.0000 | 0.0155 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4339 | 4.3493 | 2.8497 | 5.0800e-003 | | 0.2173 | 0.2173 | | 0.2020 | 0.2020 | 0.0000 | 445.3812 | 445.3812 | 0.1257 | 0.0000 | 448.5244 |
| Total | 0.4339 | 4.3493 | 2.8497 | 5.0800e-003 | 0.1025 | 0.2173 | 0.3198 | 0.0155 | 0.2020 | 0.2175 | 0.0000 | 445.3812 | 445.3812 | 0.1257 | 0.0000 | 448.5244 |

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3.2 Demolition - 2020

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 3.4900e-003 | 0.1305 | 0.0295 | 3.6000e-004 | 8.5000e-003 | 4.7000e-004 | 8.9700e-003 | 2.3100e-003 | 4.5000e-004 | 2.7600e-003 | 0.0000 | 34.7469 | 34.7469 | 2.0200e-003 | 0.0000 | 34.7974 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.3100e-003 | 4.9600e-003 | 0.0544 | 1.4000e-004 | 0.0144 | 1.0000e-004 | 0.0145 | 3.8400e-003 | 1.0000e-004 | 3.9300e-003 | 0.0000 | 12.7870 | 12.7870 | 3.6000e-004 | 0.0000 | 12.7960 |
| Total | 0.0108 | 0.1354 | 0.0839 | 5.0000e-004 | 0.0229 | 5.7000e-004 | 0.0235 | 6.1500e-003 | 5.5000e-004 | 6.6900e-003 | 0.0000 | 47.5338 | 47.5338 | 2.3800e-003 | 0.0000 | 47.5934 |

3.2 Demolition - 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 | | | | | 0.0149 | 0.0000 | 0.0149 | 2.2500e-003 | 0.0000 | 2.2500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0601 | 0.5974 | 0.4097 | 7.4000e-004 | | 0.0295 | 0.0295 | | 0.0274 | 0.0274 | 0.0000 | 64.6015 | 64.6015 | 0.0182 | 0.0000 | 65.0561 |
| Total | 0.0601 | 0.5974 | 0.4097 | 7.4000e-004 | 0.0149 | 0.0295 | 0.0444 | 2.2500e-003 | 0.0274 | 0.0296 | 0.0000 | 64.6015 | 64.6015 | 0.0182 | 0.0000 | 65.0561 |

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3.2 Demolition - 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 | 4.7000e-004 | 0.0174 | 3.9700e-003 | 5.0000e-005 | 6.8800e-003 | 6.0000e-005 | 6.9400e-003 | 1.7200e-003 | 6.0000e-005 | 1.7800e-003 | 0.0000 | 4.9811 | 4.9811 | 2.9000e-004 | 0.0000 | 4.9883 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.9000e-004 | 6.4000e-004 | 7.2100e-003 | 2.0000e-005 | 2.0900e-003 | 1.0000e-005 | 2.1100e-003 | 5.6000e-004 | 1.0000e-005 | 5.7000e-004 | 0.0000 | 1.7915 | 1.7915 | 5.0000e-005 | 0.0000 | 1.7926 |
| Total | 1.4600e-003 | 0.0180 | 0.0112 | 7.0000e-005 | 8.9700e-003 | 7.0000e-005 | 9.0500e-003 | 2.2800e-003 | 7.0000e-005 | 2.3500e-003 | 0.0000 | 6.7725 | 6.7725 | 3.4000e-004 | 0.0000 | 6.7809 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 0.0149 | 0.0000 | 0.0149 | 2.2500e-003 | 0.0000 | 2.2500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0601 | 0.5974 | 0.4097 | 7.4000e-004 | | 0.0295 | 0.0295 | | 0.0274 | 0.0274 | 0.0000 | 64.6014 | 64.6014 | 0.0182 | 0.0000 | 65.0560 |
| Total | 0.0601 | 0.5974 | 0.4097 | 7.4000e-004 | 0.0149 | 0.0295 | 0.0444 | 2.2500e-003 | 0.0274 | 0.0296 | 0.0000 | 64.6014 | 64.6014 | 0.0182 | 0.0000 | 65.0560 |

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3.2 Demolition - 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 | 4.7000e-004 | 0.0174 | 3.9700e-003 | 5.0000e-005 | 6.8800e-003 | 6.0000e-005 | 6.9400e-003 | 1.7200e-003 | 6.0000e-005 | 1.7800e-003 | 0.0000 | 4.9811 | 4.9811 | 2.9000e-004 | 0.0000 | 4.9883 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.9000e-004 | 6.4000e-004 | 7.2100e-003 | 2.0000e-005 | 2.0900e-003 | 1.0000e-005 | 2.1100e-003 | 5.6000e-004 | 1.0000e-005 | 5.7000e-004 | 0.0000 | 1.7915 | 1.7915 | 5.0000e-005 | 0.0000 | 1.7926 |
| Total | 1.4600e-003 | 0.0180 | 0.0112 | 7.0000e-005 | 8.9700e-003 | 7.0000e-005 | 9.0500e-003 | 2.2800e-003 | 7.0000e-005 | 2.3500e-003 | 0.0000 | 6.7725 | 6.7725 | 3.4000e-004 | 0.0000 | 6.7809 |

3.3 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 | | | | | 1.6260 | 0.0000 | 1.6260 | 0.8938 | 0.0000 | 0.8938 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3499 | 3.6447 | 1.9039 | 3.4200e-003 | | 0.1840 | 0.1840 | | 0.1693 | 0.1693 | 0.0000 | 300.9215 | 300.9215 | 0.0973 | 0.0000 | 303.3546 |
| Total | 0.3499 | 3.6447 | 1.9039 | 3.4200e-003 | 1.6260 | 0.1840 | 1.8100 | 0.8938 | 0.1693 | 1.0630 | 0.0000 | 300.9215 | 300.9215 | 0.0973 | 0.0000 | 303.3546 |

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3.3 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 | 5.6100e-003 | 3.6700e-003 | 0.0410 | 1.1000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 8.0000e-005 | 3.2400e-003 | 0.0000 | 10.1830 | 10.1830 | 2.7000e-004 | 0.0000 | 10.1897 |
| Total | 5.6100e-003 | 3.6700e-003 | 0.0410 | 1.1000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 8.0000e-005 | 3.2400e-003 | 0.0000 | 10.1830 | 10.1830 | 2.7000e-004 | 0.0000 | 10.1897 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 1.6260 | 0.0000 | 1.6260 | 0.8938 | 0.0000 | 0.8938 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3499 | 3.6447 | 1.9039 | 3.4200e-003 | | 0.1840 | 0.1840 | | 0.1693 | 0.1693 | 0.0000 | 300.9211 | 300.9211 | 0.0973 | 0.0000 | 303.3542 |
| Total | 0.3499 | 3.6447 | 1.9039 | 3.4200e-003 | 1.6260 | 0.1840 | 1.8100 | 0.8938 | 0.1693 | 1.0630 | 0.0000 | 300.9211 | 300.9211 | 0.0973 | 0.0000 | 303.3542 |

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3.3 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 | 5.6100e-003 | 3.6700e-003 | 0.0410 | 1.1000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 8.0000e-005 | 3.2400e-003 | 0.0000 | 10.1830 | 10.1830 | 2.7000e-004 | 0.0000 | 10.1897 |
| Total | 5.6100e-003 | 3.6700e-003 | 0.0410 | 1.1000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 8.0000e-005 | 3.2400e-003 | 0.0000 | 10.1830 | 10.1830 | 2.7000e-004 | 0.0000 | 10.1897 |

3.4 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 | | | | | 0.7459 | 0.0000 | 0.7459 | 0.1377 | 0.0000 | 0.1377 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0901 | 0.9976 | 0.6639 | 1.3300e-003 | | 0.0427 | 0.0427 | | 0.0393 | 0.0393 | 0.0000 | 117.1642 | 117.1642 | 0.0379 | 0.0000 | 118.1115 |
| Total | 0.0901 | 0.9976 | 0.6639 | 1.3300e-003 | 0.7459 | 0.0427 | 0.7886 | 0.1377 | 0.0393 | 0.1770 | 0.0000 | 117.1642 | 117.1642 | 0.0379 | 0.0000 | 118.1115 |

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3.4 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 | 1.4900e-003 | 9.7000e-004 | 0.0109 | 3.0000e-005 | 3.1600e-003 | 2.0000e-005 | 3.1800e-003 | 8.4000e-004 | 2.0000e-005 | 8.6000e-004 | 0.0000 | 2.7029 | 2.7029 | 7.0000e-005 | 0.0000 | 2.7047 |
| Total | 1.4900e-003 | 9.7000e-004 | 0.0109 | 3.0000e-005 | 3.1600e-003 | 2.0000e-005 | 3.1800e-003 | 8.4000e-004 | 2.0000e-005 | 8.6000e-004 | 0.0000 | 2.7029 | 2.7029 | 7.0000e-005 | 0.0000 | 2.7047 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 0.7459 | 0.0000 | 0.7459 | 0.1377 | 0.0000 | 0.1377 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0901 | 0.9976 | 0.6639 | 1.3300e-003 | | 0.0427 | 0.0427 | | 0.0393 | 0.0393 | 0.0000 | 117.1641 | 117.1641 | 0.0379 | 0.0000 | 118.1114 |
| Total | 0.0901 | 0.9976 | 0.6639 | 1.3300e-003 | 0.7459 | 0.0427 | 0.7886 | 0.1377 | 0.0393 | 0.1770 | 0.0000 | 117.1641 | 117.1641 | 0.0379 | 0.0000 | 118.1114 |

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3.4 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 | 1.4900e-003 | 9.7000e-004 | 0.0109 | 3.0000e-005 | 3.1600e-003 | 2.0000e-005 | 3.1800e-003 | 8.4000e-004 | 2.0000e-005 | 8.6000e-004 | 0.0000 | 2.7029 | 2.7029 | 7.0000e-005 | 0.0000 | 2.7047 |
| Total | 1.4900e-003 | 9.7000e-004 | 0.0109 | 3.0000e-005 | 3.1600e-003 | 2.0000e-005 | 3.1800e-003 | 8.4000e-004 | 2.0000e-005 | 8.6000e-004 | 0.0000 | 2.7029 | 2.7029 | 7.0000e-005 | 0.0000 | 2.7047 |

3.4 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 | | | | | 1.3993 | 0.0000 | 1.3993 | 0.4969 | 0.0000 | 0.4969 | 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 | 1.3993 | 0.2125 | 1.6118 | 0.4969 | 0.1955 | 0.6924 | 0.0000 | 708.9498 | 708.9498 | 0.2293 | 0.0000 | 714.6820 |

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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 | 8.4100e-003 | 5.2900e-003 | 0.0605 | 1.7000e-004 | 0.0191 | 1.3000e-004 | 0.0192 | 5.0800e-003 | 1.2000e-004 | 5.2000e-003 | 0.0000 | 15.7577 | 15.7577 | 3.9000e-004 | 0.0000 | 15.7673 |
| Total | 8.4100e-003 | 5.2900e-003 | 0.0605 | 1.7000e-004 | 0.0191 | 1.3000e-004 | 0.0192 | 5.0800e-003 | 1.2000e-004 | 5.2000e-003 | 0.0000 | 15.7577 | 15.7577 | 3.9000e-004 | 0.0000 | 15.7673 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 1.3993 | 0.0000 | 1.3993 | 0.4969 | 0.0000 | 0.4969 | 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 | 1.3993 | 0.2125 | 1.6118 | 0.4969 | 0.1955 | 0.6924 | 0.0000 | 708.9490 | 708.9490 | 0.2293 | 0.0000 | 714.6812 |

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3.4 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 | 8.4100e-003 | 5.2900e-003 | 0.0605 | 1.7000e-004 | 0.0191 | 1.3000e-004 | 0.0192 | 5.0800e-003 | 1.2000e-004 | 5.2000e-003 | 0.0000 | 15.7577 | 15.7577 | 3.9000e-004 | 0.0000 | 15.7673 |
| Total | 8.4100e-003 | 5.2900e-003 | 0.0605 | 1.7000e-004 | 0.0191 | 1.3000e-004 | 0.0192 | 5.0800e-003 | 1.2000e-004 | 5.2000e-003 | 0.0000 | 15.7577 | 15.7577 | 3.9000e-004 | 0.0000 | 15.7673 |

3.4 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 | | | | | 1.1042 | 0.0000 | 1.1042 | 0.3347 | 0.0000 | 0.3347 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.2691 | 2.7958 | 2.2721 | 5.0300e-003 | | 0.1154 | 0.1154 | | 0.1062 | 0.1062 | 0.0000 | 441.7352 | 441.7352 | 0.1429 | 0.0000 | 445.3068 |
| Total | 0.2691 | 2.7958 | 2.2721 | 5.0300e-003 | 1.1042 | 0.1154 | 1.2196 | 0.3347 | 0.1062 | 0.4408 | 0.0000 | 441.7352 | 441.7352 | 0.1429 | 0.0000 | 445.3068 |

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3.4 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 | 4.9100e-003 | 2.9700e-003 | 0.0346 | 1.0000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 7.0000e-005 | 3.2400e-003 | 0.0000 | 9.4496 | 9.4496 | 2.2000e-004 | 0.0000 | 9.4549 |
| Total | 4.9100e-003 | 2.9700e-003 | 0.0346 | 1.0000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 7.0000e-005 | 3.2400e-003 | 0.0000 | 9.4496 | 9.4496 | 2.2000e-004 | 0.0000 | 9.4549 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 1.1042 | 0.0000 | 1.1042 | 0.3347 | 0.0000 | 0.3347 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.2691 | 2.7958 | 2.2721 | 5.0300e-003 | | 0.1154 | 0.1154 | | 0.1062 | 0.1062 | 0.0000 | 441.7347 | 441.7347 | 0.1429 | 0.0000 | 445.3063 |
| Total | 0.2691 | 2.7958 | 2.2721 | 5.0300e-003 | 1.1042 | 0.1154 | 1.2196 | 0.3347 | 0.1062 | 0.4408 | 0.0000 | 441.7347 | 441.7347 | 0.1429 | 0.0000 | 445.3063 |

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento County, Annual

3.4 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 | 4.9100e-003 | 2.9700e-003 | 0.0346 | 1.0000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 7.0000e-005 | 3.2400e-003 | 0.0000 | 9.4496 | 9.4496 | 2.2000e-004 | 0.0000 | 9.4549 |
| Total | 4.9100e-003 | 2.9700e-003 | 0.0346 | 1.0000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 7.0000e-005 | 3.2400e-003 | 0.0000 | 9.4496 | 9.4496 | 2.2000e-004 | 0.0000 | 9.4549 |

3.5 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 | 0.0771 | 0.7049 | 0.7960 | 1.3200e-003 | | 0.0343 | 0.0343 | | 0.0323 | 0.0323 | 0.0000 | 113.5843 | 113.5843 | 0.0270 | 0.0000 | 114.2598 |
| Total | 0.0771 | 0.7049 | 0.7960 | 1.3200e-003 | | 0.0343 | 0.0343 | | 0.0323 | 0.0323 | 0.0000 | 113.5843 | 113.5843 | 0.0270 | 0.0000 | 114.2598 |

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3.5 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 | 0.1343 | 4.7787 | 1.2983 | 0.0138 | 0.3403 | 6.8700e-003 | 0.3471 | 0.0983 | 6.5700e-003 | 0.1049 | 0.0000 | 1,328.8818 | 1,328.8818 | 0.0681 | 0.0000 | 1,330.5832 |
| Worker | 0.7728 | 0.4671 | 5.4498 | 0.0165 | 1.8739 | 0.0125 | 1.8863 | 0.4984 | 0.0115 | 0.5099 | 0.0000 | 1,488.2635 | 1,488.2635 | 0.0339 | 0.0000 | 1,489.1114 |
| Total | 0.9072 | 5.2458 | 6.7481 | 0.0303 | 2.2141 | 0.0193 | 2.2335 | 0.5967 | 0.0180 | 0.6148 | 0.0000 | 2,817.1452 | 2,817.1452 | 0.1020 | 0.0000 | 2,819.6946 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0771 | 0.7049 | 0.7960 | 1.3200e-003 | | 0.0343 | 0.0343 | | 0.0323 | 0.0323 | 0.0000 | 113.5842 | 113.5842 | 0.0270 | 0.0000 | 114.2597 |
| Total | 0.0771 | 0.7049 | 0.7960 | 1.3200e-003 | | 0.0343 | 0.0343 | | 0.0323 | 0.0323 | 0.0000 | 113.5842 | 113.5842 | 0.0270 | 0.0000 | 114.2597 |

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3.5 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 | 0.1343 | 4.7787 | 1.2983 | 0.0138 | 0.3403 | 6.8700e-003 | 0.3471 | 0.0983 | 6.5700e-003 | 0.1049 | 0.0000 | 1,328.8818 | 1,328.8818 | 0.0681 | 0.0000 | 1,330.5832 |
| Worker | 0.7728 | 0.4671 | 5.4498 | 0.0165 | 1.8739 | 0.0125 | 1.8863 | 0.4984 | 0.0115 | 0.5099 | 0.0000 | 1,488.2635 | 1,488.2635 | 0.0339 | 0.0000 | 1,489.1114 |
| Total | 0.9072 | 5.2458 | 6.7481 | 0.0303 | 2.2141 | 0.0193 | 2.2335 | 0.5967 | 0.0180 | 0.6148 | 0.0000 | 2,817.1452 | 2,817.1452 | 0.1020 | 0.0000 | 2,819.6946 |

3.5 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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3.5 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 | 0.3422 | 12.5319 | 3.2448 | 0.0367 | 0.9096 | 0.0174 | 0.9270 | 0.2628 | 0.0167 | 0.2795 | 0.0000 | 3,532.0998 | 3,532.0998 | 0.1797 | 0.0000 | 3,536.5933 |
| Worker | 1.9428 | 1.1286 | 13.4927 | 0.0423 | 5.0097 | 0.0326 | 5.0423 | 1.3324 | 0.0300 | 1.3624 | 0.0000 | 3,824.1571 | 3,824.1571 | 0.0818 | 0.0000 | 3,826.2020 |
| Total | 2.2850 | 13.6605 | 16.7375 | 0.0790 | 5.9193 | 0.0500 | 5.9693 | 1.5953 | 0.0467 | 1.6419 | 0.0000 | 7,356.2569 | 7,356.2569 | 0.2615 | 0.0000 | 7,362.7953 |

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 | | | | | |
| 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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3.5 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 | 0.3422 | 12.5319 | 3.2448 | 0.0367 | 0.9096 | 0.0174 | 0.9270 | 0.2628 | 0.0167 | 0.2795 | 0.0000 | 3,532.0998 | 3,532.0998 | 0.1797 | 0.0000 | 3,536.5933 |
| Worker | 1.9428 | 1.1286 | 13.4927 | 0.0423 | 5.0097 | 0.0326 | 5.0423 | 1.3324 | 0.0300 | 1.3624 | 0.0000 | 3,824.1571 | 3,824.1571 | 0.0818 | 0.0000 | 3,826.2020 |
| Total | 2.2850 | 13.6605 | 16.7375 | 0.0790 | 5.9193 | 0.0500 | 5.9693 | 1.5953 | 0.0467 | 1.6419 | 0.0000 | 7,356.2569 | 7,356.2569 | 0.2615 | 0.0000 | 7,362.7953 |

3.5 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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3.5 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 | 0.3270 | 12.2526 | 3.0605 | 0.0363 | 0.9060 | 0.0165 | 0.9225 | 0.2618 | 0.0157 | 0.2776 | 0.0000 | 3,498.7573 | 3,498.7573 | 0.1770 | 0.0000 | 3,503.1810 |
| Worker | 1.8277 | 1.0209 | 12.4503 | 0.0404 | 4.9906 | 0.0318 | 5.0224 | 1.3273 | 0.0293 | 1.3566 | 0.0000 | 3,657.0391 | 3,657.0391 | 0.0739 | 0.0000 | 3,658.8854 |
| Total | 2.1547 | 13.2735 | 15.5108 | 0.0768 | 5.8966 | 0.0483 | 5.9449 | 1.5891 | 0.0450 | 1.6342 | 0.0000 | 7,155.7964 | 7,155.7964 | 0.2508 | 0.0000 | 7,162.0664 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.3270 | 12.2526 | 3.0605 | 0.0363 | 0.9060 | 0.0165 | 0.9225 | 0.2618 | 0.0157 | 0.2776 | 0.0000 | 3,498.7573 | 3,498.7573 | 0.1770 | 0.0000 | 3,503.1810 |
| Worker | 1.8277 | 1.0209 | 12.4503 | 0.0404 | 4.9906 | 0.0318 | 5.0224 | 1.3273 | 0.0293 | 1.3566 | 0.0000 | 3,657.0391 | 3,657.0391 | 0.0739 | 0.0000 | 3,658.8854 |
| Total | 2.1547 | 13.2735 | 15.5108 | 0.0768 | 5.8966 | 0.0483 | 5.9449 | 1.5891 | 0.0450 | 1.6342 | 0.0000 | 7,155.7964 | 7,155.7964 | 0.2508 | 0.0000 | 7,162.0664 |

3.5 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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3.5 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 | 0.3147 | 12.0325 | 2.9205 | 0.0361 | 0.9060 | 0.0156 | 0.9215 | 0.2618 | 0.0149 | 0.2767 | 0.0000 | 3,479.8878 | 3,479.8878 | 0.1750 | 0.0000 | 3,484.2638 |
| Worker | 1.7326 | 0.9327 | 11.5882 | 0.0389 | 4.9906 | 0.0309 | 5.0215 | 1.3273 | 0.0284 | 1.3558 | 0.0000 | 3,521.1653 | 3,521.1653 | 0.0672 | 0.0000 | 3,522.8461 |
| Total | 2.0473 | 12.9651 | 14.5087 | 0.0750 | 5.8966 | 0.0465 | 5.9430 | 1.5891 | 0.0433 | 1.6324 | 0.0000 | 7,001.0531 | 7,001.0531 | 0.2423 | 0.0000 | 7,007.1099 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.3147 | 12.0325 | 2.9205 | 0.0361 | 0.9060 | 0.0156 | 0.9215 | 0.2618 | 0.0149 | 0.2767 | 0.0000 | 3,479.8878 | 3,479.8878 | 0.1750 | 0.0000 | 3,484.2638 |
| Worker | 1.7326 | 0.9327 | 11.5882 | 0.0389 | 4.9906 | 0.0309 | 5.0215 | 1.3273 | 0.0284 | 1.3558 | 0.0000 | 3,521.1653 | 3,521.1653 | 0.0672 | 0.0000 | 3,522.8461 |
| Total | 2.0473 | 12.9651 | 14.5087 | 0.0750 | 5.8966 | 0.0465 | 5.9430 | 1.5891 | 0.0433 | 1.6324 | 0.0000 | 7,001.0531 | 7,001.0531 | 0.2423 | 0.0000 | 7,007.1099 |

3.5 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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3.5 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 | 0.3039 | 11.8301 | 2.7989 | 0.0359 | 0.9059 | 0.0148 | 0.9207 | 0.2618 | 0.0142 | 0.2759 | 0.0000 | 3,462.1431 | 3,462.1431 | 0.1732 | 0.0000 | 3,466.4725 |
| Worker | 1.6394 | 0.8534 | 10.8099 | 0.0376 | 4.9906 | 0.0294 | 5.0200 | 1.3273 | 0.0270 | 1.3544 | 0.0000 | 3,399.5328 | 3,399.5328 | 0.0613 | 0.0000 | 3,401.0641 |
| Total | 1.9433 | 12.6835 | 13.6087 | 0.0735 | 5.8965 | 0.0442 | 5.9407 | 1.5891 | 0.0412 | 1.6303 | 0.0000 | 6,861.6758 | 6,861.6758 | 0.2344 | 0.0000 | 6,867.5367 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.3039 | 11.8301 | 2.7989 | 0.0359 | 0.9059 | 0.0148 | 0.9207 | 0.2618 | 0.0142 | 0.2759 | 0.0000 | 3,462.1431 | 3,462.1431 | 0.1732 | 0.0000 | 3,466.4725 |
| Worker | 1.6394 | 0.8534 | 10.8099 | 0.0376 | 4.9906 | 0.0294 | 5.0200 | 1.3273 | 0.0270 | 1.3544 | 0.0000 | 3,399.5328 | 3,399.5328 | 0.0613 | 0.0000 | 3,401.0641 |
| Total | 1.9433 | 12.6835 | 13.6087 | 0.0735 | 5.8965 | 0.0442 | 5.9407 | 1.5891 | 0.0412 | 1.6303 | 0.0000 | 6,861.6758 | 6,861.6758 | 0.2344 | 0.0000 | 6,867.5367 |

3.5 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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3.5 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 | 0.2932 | 11.6131 | 2.6857 | 0.0356 | 0.9024 | 0.0141 | 0.9165 | 0.2607 | 0.0135 | 0.2742 | 0.0000 | 3,433.798 3 | 3,433.798 3 | 0.1706 | 0.0000 | 3,438.064 2 |
| Worker | 1.5369 | 0.7800 | 10.0849 | 0.0362 | 4.9715 | 0.0273 | 4.9988 | 1.3223 | 0.0251 | 1.3474 | 0.0000 | 3,278.946 7 | 3,278.946 7 | 0.0559 | 0.0000 | 3,280.343 6 |
| Total | 1.8302 | 12.3931 | 12.7707 | 0.0718 | 5.8739 | 0.0414 | 5.9153 | 1.5830 | 0.0386 | 1.6216 | 0.0000 | 6,712.745 1 | 6,712.745 1 | 0.2265 | 0.0000 | 6,718.407 8 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.2932 | 11.6131 | 2.6857 | 0.0356 | 0.9024 | 0.0141 | 0.9165 | 0.2607 | 0.0135 | 0.2742 | 0.0000 | 3,433.798 3 | 3,433.798 3 | 0.1706 | 0.0000 | 3,438.064 2 |
| Worker | 1.5369 | 0.7800 | 10.0849 | 0.0362 | 4.9715 | 0.0273 | 4.9988 | 1.3223 | 0.0251 | 1.3474 | 0.0000 | 3,278.946 7 | 3,278.946 7 | 0.0559 | 0.0000 | 3,280.343 6 |
| Total | 1.8302 | 12.3931 | 12.7707 | 0.0718 | 5.8739 | 0.0414 | 5.9153 | 1.5830 | 0.0386 | 1.6216 | 0.0000 | 6,712.745 1 | 6,712.745 1 | 0.2265 | 0.0000 | 6,718.407 8 |

3.5 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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3.5 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 | 0.2858 | 11.4938 | 2.6100 | 0.0356 | 0.9058 | 0.0135 | 0.9193 | 0.2617 | 0.0129 | 0.2746 | 0.0000 | 3,433.2265 | 3,433.2265 | 0.1694 | 0.0000 | 3,437.4616 |
| Worker | 1.4375 | 0.7173 | 9.4648 | 0.0353 | 4.9906 | 0.0255 | 5.0161 | 1.3273 | 0.0235 | 1.3508 | 0.0000 | 3,195.8629 | 3,195.8629 | 0.0512 | 0.0000 | 3,197.1423 |
| Total | 1.7233 | 12.2111 | 12.0748 | 0.0709 | 5.8964 | 0.0390 | 5.9354 | 1.5891 | 0.0364 | 1.6254 | 0.0000 | 6,629.0894 | 6,629.0894 | 0.2206 | 0.0000 | 6,634.6040 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.2858 | 11.4938 | 2.6100 | 0.0356 | 0.9058 | 0.0135 | 0.9193 | 0.2617 | 0.0129 | 0.2746 | 0.0000 | 3,433.2265 | 3,433.2265 | 0.1694 | 0.0000 | 3,437.4616 |
| Worker | 1.4375 | 0.7173 | 9.4648 | 0.0353 | 4.9906 | 0.0255 | 5.0161 | 1.3273 | 0.0235 | 1.3508 | 0.0000 | 3,195.8629 | 3,195.8629 | 0.0512 | 0.0000 | 3,197.1423 |
| Total | 1.7233 | 12.2111 | 12.0748 | 0.0709 | 5.8964 | 0.0390 | 5.9354 | 1.5891 | 0.0364 | 1.6254 | 0.0000 | 6,629.0894 | 6,629.0894 | 0.2206 | 0.0000 | 6,634.6040 |

3.5 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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3.5 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 | 0.2780 | 11.3402 | 2.5391 | 0.0355 | 0.9057 | 0.0128 | 0.9185 | 0.2617 | 0.0122 | 0.2739 | 0.0000 | 3,420.9238 | 3,420.9238 | 0.1675 | 0.0000 | 3,425.1100 |
| Worker | 1.3357 | 0.6581 | 8.8719 | 0.0344 | 4.9906 | 0.0238 | 5.0144 | 1.3273 | 0.0219 | 1.3492 | 0.0000 | 3,111.5619 | 3,111.5619 | 0.0468 | 0.0000 | 3,112.7318 |
| Total | 1.6137 | 11.9983 | 11.4110 | 0.0698 | 5.8964 | 0.0366 | 5.9329 | 1.5890 | 0.0341 | 1.6231 | 0.0000 | 6,532.4857 | 6,532.4857 | 0.2143 | 0.0000 | 6,537.8418 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.2780 | 11.3402 | 2.5391 | 0.0355 | 0.9057 | 0.0128 | 0.9185 | 0.2617 | 0.0122 | 0.2739 | 0.0000 | 3,420.9238 | 3,420.9238 | 0.1675 | 0.0000 | 3,425.1100 |
| Worker | 1.3357 | 0.6581 | 8.8719 | 0.0344 | 4.9906 | 0.0238 | 5.0144 | 1.3273 | 0.0219 | 1.3492 | 0.0000 | 3,111.5619 | 3,111.5619 | 0.0468 | 0.0000 | 3,112.7318 |
| Total | 1.6137 | 11.9983 | 11.4110 | 0.0698 | 5.8964 | 0.0366 | 5.9329 | 1.5890 | 0.0341 | 1.6231 | 0.0000 | 6,532.4857 | 6,532.4857 | 0.2143 | 0.0000 | 6,537.8418 |

3.5 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 | 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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3.5 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 | 0.2714 | 11.2009 | 2.4810 | 0.0353 | 0.9057 | 0.0122 | 0.9179 | 0.2617 | 0.0116 | 0.2733 | 0.0000 | 3,410.4625 | 3,410.4625 | 0.1658 | 0.0000 | 3,414.6064 |
| Worker | 1.2279 | 0.6022 | 8.3061 | 0.0336 | 4.9906 | 0.0221 | 5.0127 | 1.3273 | 0.0204 | 1.3477 | 0.0000 | 3,037.6093 | 3,037.6093 | 0.0427 | 0.0000 | 3,038.6767 |
| Total | 1.4993 | 11.8031 | 10.7871 | 0.0689 | 5.8963 | 0.0343 | 5.9306 | 1.5890 | 0.0320 | 1.6210 | 0.0000 | 6,448.0718 | 6,448.0718 | 0.2085 | 0.0000 | 6,453.2830 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.2714 | 11.2009 | 2.4810 | 0.0353 | 0.9057 | 0.0122 | 0.9179 | 0.2617 | 0.0116 | 0.2733 | 0.0000 | 3,410.4625 | 3,410.4625 | 0.1658 | 0.0000 | 3,414.6064 |
| Worker | 1.2279 | 0.6022 | 8.3061 | 0.0336 | 4.9906 | 0.0221 | 5.0127 | 1.3273 | 0.0204 | 1.3477 | 0.0000 | 3,037.6093 | 3,037.6093 | 0.0427 | 0.0000 | 3,038.6767 |
| Total | 1.4993 | 11.8031 | 10.7871 | 0.0689 | 5.8963 | 0.0343 | 5.9306 | 1.5890 | 0.0320 | 1.6210 | 0.0000 | 6,448.0718 | 6,448.0718 | 0.2085 | 0.0000 | 6,453.2830 |

3.5 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 | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3479 | 344.3479 | 0.0138 | 0.0000 | 344.6933 |
| Total | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3479 | 344.3479 | 0.0138 | 0.0000 | 344.6933 |

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3.5 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 | 0.2670 | 11.1140 | 2.4442 | 0.0354 | 0.9091 | 0.0117 | 0.9209 | 0.2627 | 0.0112 | 0.2739 | 0.0000 | 3,414.9530 | 3,414.9530 | 0.1649 | 0.0000 | 3,419.0754 |
| Worker | 1.1358 | 0.5561 | 7.8377 | 0.0330 | 5.0097 | 0.0207 | 5.0304 | 1.3324 | 0.0190 | 1.3514 | 0.0000 | 2,984.6115 | 2,984.6115 | 0.0393 | 0.0000 | 2,985.5932 |
| Total | 1.4028 | 11.6700 | 10.2819 | 0.0683 | 5.9189 | 0.0324 | 5.9513 | 1.5951 | 0.0302 | 1.6253 | 0.0000 | 6,399.5645 | 6,399.5645 | 0.2042 | 0.0000 | 6,404.6686 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3475 | 344.3475 | 0.0138 | 0.0000 | 344.6929 |
| Total | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3475 | 344.3475 | 0.0138 | 0.0000 | 344.6929 |

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3.5 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 | 0.2670 | 11.1140 | 2.4442 | 0.0354 | 0.9091 | 0.0117 | 0.9209 | 0.2627 | 0.0112 | 0.2739 | 0.0000 | 3,414.9530 | 3,414.9530 | 0.1649 | 0.0000 | 3,419.0754 |
| Worker | 1.1358 | 0.5561 | 7.8377 | 0.0330 | 5.0097 | 0.0207 | 5.0304 | 1.3324 | 0.0190 | 1.3514 | 0.0000 | 2,984.6115 | 2,984.6115 | 0.0393 | 0.0000 | 2,985.5932 |
| Total | 1.4028 | 11.6700 | 10.2819 | 0.0683 | 5.9189 | 0.0324 | 5.9513 | 1.5951 | 0.0302 | 1.6253 | 0.0000 | 6,399.5645 | 6,399.5645 | 0.2042 | 0.0000 | 6,404.6686 |

3.5 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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3.5 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 | 0.2604 | 10.9146 | 2.3866 | 0.0350 | 0.9022 | 0.0112 | 0.9134 | 0.2607 | 0.0107 | 0.2714 | 0.0000 | 3,381.4469 | 3,381.4469 | 0.1623 | 0.0000 | 3,385.5051 |
| Worker | 1.0488 | 0.5125 | 7.3598 | 0.0321 | 4.9715 | 0.0191 | 4.9906 | 1.3223 | 0.0176 | 1.3398 | 0.0000 | 2,906.5334 | 2,906.5334 | 0.0360 | 0.0000 | 2,907.4333 |
| Total | 1.3092 | 11.4271 | 9.7464 | 0.0671 | 5.8737 | 0.0303 | 5.9040 | 1.5829 | 0.0283 | 1.6112 | 0.0000 | 6,287.9803 | 6,287.9803 | 0.1983 | 0.0000 | 6,292.9384 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 341.7189 | 341.7189 | 0.0137 | 0.0000 | 342.0617 |
| Total | 0.1702 | 1.0315 | 2.1004 | 4.0200e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 341.7189 | 341.7189 | 0.0137 | 0.0000 | 342.0617 |

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3.5 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 | 0.2604 | 10.9146 | 2.3866 | 0.0350 | 0.9022 | 0.0112 | 0.9134 | 0.2607 | 0.0107 | 0.2714 | 0.0000 | 3,381.4469 | 3,381.4469 | 0.1623 | 0.0000 | 3,385.5051 |
| Worker | 1.0488 | 0.5125 | 7.3598 | 0.0321 | 4.9715 | 0.0191 | 4.9906 | 1.3223 | 0.0176 | 1.3398 | 0.0000 | 2,906.5334 | 2,906.5334 | 0.0360 | 0.0000 | 2,907.4333 |
| Total | 1.3092 | 11.4271 | 9.7464 | 0.0671 | 5.8737 | 0.0303 | 5.9040 | 1.5829 | 0.0283 | 1.6112 | 0.0000 | 6,287.9803 | 6,287.9803 | 0.1983 | 0.0000 | 6,292.9384 |

3.5 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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3.5 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 | 0.2561 | 10.8085 | 2.3511 | 0.0350 | 0.9022 | 0.0108 | 0.9130 | 0.2607 | 0.0103 | 0.2710 | 0.0000 | 3,375.2102 | 3,375.2102 | 0.1611 | 0.0000 | 3,379.2376 |
| Worker | 0.9799 | 0.4789 | 6.9643 | 0.0316 | 4.9715 | 0.0178 | 4.9893 | 1.3223 | 0.0164 | 1.3387 | 0.0000 | 2,858.7639 | 2,858.7639 | 0.0332 | 0.0000 | 2,859.5946 |
| Total | 1.2360 | 11.2875 | 9.3154 | 0.0665 | 5.8736 | 0.0287 | 5.9023 | 1.5829 | 0.0268 | 1.6097 | 0.0000 | 6,233.9741 | 6,233.9741 | 0.1943 | 0.0000 | 6,238.8322 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 341.7189 | 341.7189 | 0.0137 | 0.0000 | 342.0617 |
| Total | 0.1702 | 1.0315 | 2.1004 | 4.0200e-003 | | 0.0193 | 0.0193 | | 0.0193 | 0.0193 | 0.0000 | 341.7189 | 341.7189 | 0.0137 | 0.0000 | 342.0617 |

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3.5 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 | 0.2561 | 10.8085 | 2.3511 | 0.0350 | 0.9022 | 0.0108 | 0.9130 | 0.2607 | 0.0103 | 0.2710 | 0.0000 | 3,375.2102 | 3,375.2102 | 0.1611 | 0.0000 | 3,379.2376 |
| Worker | 0.9799 | 0.4789 | 6.9643 | 0.0316 | 4.9715 | 0.0178 | 4.9893 | 1.3223 | 0.0164 | 1.3387 | 0.0000 | 2,858.7639 | 2,858.7639 | 0.0332 | 0.0000 | 2,859.5946 |
| Total | 1.2360 | 11.2875 | 9.3154 | 0.0665 | 5.8736 | 0.0287 | 5.9023 | 1.5829 | 0.0268 | 1.6097 | 0.0000 | 6,233.9741 | 6,233.9741 | 0.1943 | 0.0000 | 6,238.8322 |

3.5 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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3.5 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 | 0.2534 | 10.7558 | 2.3303 | 0.0350 | 0.9056 | 0.0105 | 0.9161 | 0.2617 | 0.0101 | 0.2717 | 0.0000 | 3,383.0399 | 3,383.0399 | 0.1606 | 0.0000 | 3,387.0540 |
| Worker | 0.9237 | 0.4545 | 6.6516 | 0.0312 | 4.9906 | 0.0168 | 5.0074 | 1.3273 | 0.0154 | 1.3428 | 0.0000 | 2,828.9802 | 2,828.9802 | 0.0310 | 0.0000 | 2,829.7552 |
| Total | 1.1770 | 11.2103 | 8.9819 | 0.0663 | 5.8962 | 0.0273 | 5.9235 | 1.5890 | 0.0255 | 1.6144 | 0.0000 | 6,212.0200 | 6,212.0200 | 0.1916 | 0.0000 | 6,216.8091 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 343.0332 | 343.0332 | 0.0128 | 0.0000 | 343.3526 |
| Total | 0.1588 | 0.9346 | 2.1034 | 4.0400e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 343.0332 | 343.0332 | 0.0128 | 0.0000 | 343.3526 |

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3.5 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 | 0.2534 | 10.7558 | 2.3303 | 0.0350 | 0.9056 | 0.0105 | 0.9161 | 0.2617 | 0.0101 | 0.2717 | 0.0000 | 3,383.0399 | 3,383.0399 | 0.1606 | 0.0000 | 3,387.0540 |
| Worker | 0.9237 | 0.4545 | 6.6516 | 0.0312 | 4.9906 | 0.0168 | 5.0074 | 1.3273 | 0.0154 | 1.3428 | 0.0000 | 2,828.9802 | 2,828.9802 | 0.0310 | 0.0000 | 2,829.7552 |
| Total | 1.1770 | 11.2103 | 8.9819 | 0.0663 | 5.8962 | 0.0273 | 5.9235 | 1.5890 | 0.0255 | 1.6144 | 0.0000 | 6,212.0200 | 6,212.0200 | 0.1916 | 0.0000 | 6,216.8091 |

3.5 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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3.5 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 | 0.2543 | 10.7970 | 2.3392 | 0.0352 | 0.9091 | 0.0106 | 0.9196 | 0.2627 | 0.0101 | 0.2727 | 0.0000 | 3,396.0017 | 3,396.0017 | 0.1612 | 0.0000 | 3,400.0312 |
| Worker | 0.9272 | 0.4563 | 6.6771 | 0.0314 | 5.0097 | 0.0168 | 5.0265 | 1.3324 | 0.0155 | 1.3479 | 0.0000 | 2,839.8192 | 2,839.8192 | 0.0311 | 0.0000 | 2,840.5972 |
| Total | 1.1815 | 11.2533 | 9.0163 | 0.0665 | 5.9188 | 0.0274 | 5.9462 | 1.5951 | 0.0256 | 1.6206 | 0.0000 | 6,235.8209 | 6,235.8209 | 0.1923 | 0.0000 | 6,240.6283 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 344.3475 | 344.3475 | 0.0128 | 0.0000 | 344.6682 |
| Total | 0.1594 | 0.9381 | 2.1114 | 4.0600e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 344.3475 | 344.3475 | 0.0128 | 0.0000 | 344.6682 |

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3.5 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 | 0.2543 | 10.7970 | 2.3392 | 0.0352 | 0.9091 | 0.0106 | 0.9196 | 0.2627 | 0.0101 | 0.2727 | 0.0000 | 3,396.0017 | 3,396.0017 | 0.1612 | 0.0000 | 3,400.0312 |
| Worker | 0.9272 | 0.4563 | 6.6771 | 0.0314 | 5.0097 | 0.0168 | 5.0265 | 1.3324 | 0.0155 | 1.3479 | 0.0000 | 2,839.8192 | 2,839.8192 | 0.0311 | 0.0000 | 2,840.5972 |
| Total | 1.1815 | 11.2533 | 9.0163 | 0.0665 | 5.9188 | 0.0274 | 5.9462 | 1.5951 | 0.0256 | 1.6206 | 0.0000 | 6,235.8209 | 6,235.8209 | 0.1923 | 0.0000 | 6,240.6283 |

3.5 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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3.5 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 | 0.2534 | 10.7558 | 2.3303 | 0.0350 | 0.9056 | 0.0105 | 0.9161 | 0.2617 | 0.0101 | 0.2717 | 0.0000 | 3,383.0399 | 3,383.0399 | 0.1606 | 0.0000 | 3,387.0540 |
| Worker | 0.9237 | 0.4545 | 6.6516 | 0.0312 | 4.9906 | 0.0168 | 5.0074 | 1.3273 | 0.0154 | 1.3428 | 0.0000 | 2,828.9802 | 2,828.9802 | 0.0310 | 0.0000 | 2,829.7552 |
| Total | 1.1770 | 11.2103 | 8.9819 | 0.0663 | 5.8962 | 0.0273 | 5.9235 | 1.5890 | 0.0255 | 1.6144 | 0.0000 | 6,212.0200 | 6,212.0200 | 0.1916 | 0.0000 | 6,216.8091 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 343.0332 | 343.0332 | 0.0128 | 0.0000 | 343.3526 |
| Total | 0.1588 | 0.9346 | 2.1034 | 4.0400e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 343.0332 | 343.0332 | 0.0128 | 0.0000 | 343.3526 |

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3.5 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 | 0.2534 | 10.7558 | 2.3303 | 0.0350 | 0.9056 | 0.0105 | 0.9161 | 0.2617 | 0.0101 | 0.2717 | 0.0000 | 3,383.0399 | 3,383.0399 | 0.1606 | 0.0000 | 3,387.0540 |
| Worker | 0.9237 | 0.4545 | 6.6516 | 0.0312 | 4.9906 | 0.0168 | 5.0074 | 1.3273 | 0.0154 | 1.3428 | 0.0000 | 2,828.9802 | 2,828.9802 | 0.0310 | 0.0000 | 2,829.7552 |
| Total | 1.1770 | 11.2103 | 8.9819 | 0.0663 | 5.8962 | 0.0273 | 5.9235 | 1.5890 | 0.0255 | 1.6144 | 0.0000 | 6,212.0200 | 6,212.0200 | 0.1916 | 0.0000 | 6,216.8091 |

3.5 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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3.5 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 | 0.2534 | 10.7558 | 2.3303 | 0.0350 | 0.9056 | 0.0105 | 0.9161 | 0.2617 | 0.0101 | 0.2717 | 0.0000 | 3,383.0399 | 3,383.0399 | 0.1606 | 0.0000 | 3,387.0540 |
| Worker | 0.9237 | 0.4545 | 6.6516 | 0.0312 | 4.9906 | 0.0168 | 5.0074 | 1.3273 | 0.0154 | 1.3428 | 0.0000 | 2,828.9802 | 2,828.9802 | 0.0310 | 0.0000 | 2,829.7552 |
| Total | 1.1770 | 11.2103 | 8.9819 | 0.0663 | 5.8962 | 0.0273 | 5.9235 | 1.5890 | 0.0255 | 1.6144 | 0.0000 | 6,212.0200 | 6,212.0200 | 0.1916 | 0.0000 | 6,216.8091 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 343.0332 | 343.0332 | 0.0128 | 0.0000 | 343.3526 |
| Total | 0.1588 | 0.9346 | 2.1034 | 4.0400e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 343.0332 | 343.0332 | 0.0128 | 0.0000 | 343.3526 |

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3.5 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 | 0.2534 | 10.7558 | 2.3303 | 0.0350 | 0.9056 | 0.0105 | 0.9161 | 0.2617 | 0.0101 | 0.2717 | 0.0000 | 3,383.0399 | 3,383.0399 | 0.1606 | 0.0000 | 3,387.0540 |
| Worker | 0.9237 | 0.4545 | 6.6516 | 0.0312 | 4.9906 | 0.0168 | 5.0074 | 1.3273 | 0.0154 | 1.3428 | 0.0000 | 2,828.9802 | 2,828.9802 | 0.0310 | 0.0000 | 2,829.7552 |
| Total | 1.1770 | 11.2103 | 8.9819 | 0.0663 | 5.8962 | 0.0273 | 5.9235 | 1.5890 | 0.0255 | 1.6144 | 0.0000 | 6,212.0200 | 6,212.0200 | 0.1916 | 0.0000 | 6,216.8091 |

3.5 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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3.5 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 | 0.2524 | 10.7146 | 2.3213 | 0.0349 | 0.9021 | 0.0105 | 0.9126 | 0.2606 | 0.0100 | 0.2707 | 0.0000 | 3,370.0780 | 3,370.0780 | 0.1600 | 0.0000 | 3,374.0767 |
| Worker | 0.9202 | 0.4528 | 6.6261 | 0.0311 | 4.9715 | 0.0167 | 4.9882 | 1.3223 | 0.0154 | 1.3376 | 0.0000 | 2,818.1412 | 2,818.1412 | 0.0309 | 0.0000 | 2,818.9132 |
| Total | 1.1725 | 11.1674 | 8.9475 | 0.0660 | 5.8736 | 0.0272 | 5.9008 | 1.5829 | 0.0254 | 1.6083 | 0.0000 | 6,188.2192 | 6,188.2192 | 0.1908 | 0.0000 | 6,192.9899 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 341.7189 | 341.7189 | 0.0127 | 0.0000 | 342.0371 |
| Total | 0.1582 | 0.9310 | 2.0953 | 4.0200e-003 | | 0.0118 | 0.0118 | | 0.0118 | 0.0118 | 0.0000 | 341.7189 | 341.7189 | 0.0127 | 0.0000 | 342.0371 |

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3.5 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 | 0.2524 | 10.7146 | 2.3213 | 0.0349 | 0.9021 | 0.0105 | 0.9126 | 0.2606 | 0.0100 | 0.2707 | 0.0000 | 3,370.0780 | 3,370.0780 | 0.1600 | 0.0000 | 3,374.0767 |
| Worker | 0.9202 | 0.4528 | 6.6261 | 0.0311 | 4.9715 | 0.0167 | 4.9882 | 1.3223 | 0.0154 | 1.3376 | 0.0000 | 2,818.1412 | 2,818.1412 | 0.0309 | 0.0000 | 2,818.9132 |
| Total | 1.1725 | 11.1674 | 8.9475 | 0.0660 | 5.8736 | 0.0272 | 5.9008 | 1.5829 | 0.0254 | 1.6083 | 0.0000 | 6,188.2192 | 6,188.2192 | 0.1908 | 0.0000 | 6,192.9899 |

3.5 Building Construction - 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 | | | | | |
| 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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3.5 Building Construction - 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 | 0.2420 | 10.4433 | 2.2410 | 0.0349 | 0.9055 | 9.7000e-003 | 0.9152 | 0.2616 | 9.2800e-003 | 0.2709 | 0.0000 | 3,373.5155 | 3,373.5155 | 0.1561 | 0.0000 | 3,377.4173 |
| Worker | 0.7035 | 0.3710 | 5.5974 | 0.0299 | 4.9906 | 0.0128 | 5.0034 | 1.3273 | 0.0118 | 1.3392 | 0.0000 | 2,705.4018 | 2,705.4018 | 0.0238 | 0.0000 | 2,705.9963 |
| Total | 0.9456 | 10.8143 | 7.8384 | 0.0648 | 5.8961 | 0.0225 | 5.9187 | 1.5890 | 0.0211 | 1.6100 | 0.0000 | 6,078.9173 | 6,078.9173 | 0.1799 | 0.0000 | 6,083.4136 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 | 343.0333 | 343.0333 | 0.0123 | 0.0000 | 343.3415 |
| Total | 0.1562 | 0.8992 | 2.1035 | 4.0400e-003 | | 9.6200e-003 | 9.6200e-003 | | 9.6200e-003 | 9.6200e-003 | 0.0000 | 343.0333 | 343.0333 | 0.0123 | 0.0000 | 343.3415 |

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3.5 Building Construction - 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 | 0.2420 | 10.4433 | 2.2410 | 0.0349 | 0.9055 | 9.7000e-003 | 0.9152 | 0.2616 | 9.2800e-003 | 0.2709 | 0.0000 | 3,373.5155 | 3,373.5155 | 0.1561 | 0.0000 | 3,377.4173 |
| Worker | 0.7035 | 0.3710 | 5.5974 | 0.0299 | 4.9906 | 0.0128 | 5.0034 | 1.3273 | 0.0118 | 1.3392 | 0.0000 | 2,705.4018 | 2,705.4018 | 0.0238 | 0.0000 | 2,705.9963 |
| Total | 0.9456 | 10.8143 | 7.8384 | 0.0648 | 5.8961 | 0.0225 | 5.9187 | 1.5890 | 0.0211 | 1.6100 | 0.0000 | 6,078.9173 | 6,078.9173 | 0.1799 | 0.0000 | 6,083.4136 |

3.5 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 | 0.0694 | 0.3996 | 0.9349 | 1.8000e-003 | | 4.2800e-003 | 4.2800e-003 | | 4.2800e-003 | 4.2800e-003 | 0.0000 | 152.4594 | 152.4594 | 5.4800e-003 | 0.0000 | 152.5964 |
| Total | 0.0694 | 0.3996 | 0.9349 | 1.8000e-003 | | 4.2800e-003 | 4.2800e-003 | | 4.2800e-003 | 4.2800e-003 | 0.0000 | 152.4594 | 152.4594 | 5.4800e-003 | 0.0000 | 152.5964 |

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3.5 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 | 0.1076 | 4.6415 | 0.9960 | 0.0155 | 0.4025 | 4.3100e-003 | 0.4068 | 0.1163 | 4.1200e-003 | 0.1204 | 0.0000 | 1,499.3402 | 1,499.3402 | 0.0694 | 0.0000 | 1,501.0744 |
| Worker | 0.3127 | 0.1649 | 2.4877 | 0.0133 | 2.2181 | 5.7100e-003 | 2.2238 | 0.5899 | 5.2500e-003 | 0.5952 | 0.0000 | 1,202.4008 | 1,202.4008 | 0.0106 | 0.0000 | 1,202.6650 |
| Total | 0.4203 | 4.8063 | 3.4837 | 0.0288 | 2.6205 | 0.0100 | 2.6305 | 0.7062 | 9.3700e-003 | 0.7156 | 0.0000 | 2,701.7410 | 2,701.7410 | 0.0799 | 0.0000 | 2,703.7394 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0694 | 0.3996 | 0.9349 | 1.8000e-003 | | 4.2800e-003 | 4.2800e-003 | | 4.2800e-003 | 4.2800e-003 | 0.0000 | 152.4592 | 152.4592 | 5.4800e-003 | 0.0000 | 152.5962 |
| Total | 0.0694 | 0.3996 | 0.9349 | 1.8000e-003 | | 4.2800e-003 | 4.2800e-003 | | 4.2800e-003 | 4.2800e-003 | 0.0000 | 152.4592 | 152.4592 | 5.4800e-003 | 0.0000 | 152.5962 |

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3.5 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 | 0.1076 | 4.6415 | 0.9960 | 0.0155 | 0.4025 | 4.3100e-003 | 0.4068 | 0.1163 | 4.1200e-003 | 0.1204 | 0.0000 | 1,499.3402 | 1,499.3402 | 0.0694 | 0.0000 | 1,501.0744 |
| Worker | 0.3127 | 0.1649 | 2.4877 | 0.0133 | 2.2181 | 5.7100e-003 | 2.2238 | 0.5899 | 5.2500e-003 | 0.5952 | 0.0000 | 1,202.4008 | 1,202.4008 | 0.0106 | 0.0000 | 1,202.6650 |
| Total | 0.4203 | 4.8063 | 3.4837 | 0.0288 | 2.6205 | 0.0100 | 2.6305 | 0.7062 | 9.3700e-003 | 0.7156 | 0.0000 | 2,701.7410 | 2,701.7410 | 0.0799 | 0.0000 | 2,703.7394 |

3.6 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 | 0.0733 | 0.2651 | 1.1468 | 2.0300e-003 | | 8.4400e-003 | 8.4400e-003 | | 8.4400e-003 | 8.4400e-003 | 0.0000 | 174.7215 | 174.7215 | 5.8700e-003 | 0.0000 | 174.8683 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0733 | 0.2651 | 1.1468 | 2.0300e-003 | | 8.4400e-003 | 8.4400e-003 | | 8.4400e-003 | 8.4400e-003 | 0.0000 | 174.7215 | 174.7215 | 5.8700e-003 | 0.0000 | 174.8683 |

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3.6 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 | 1.1300e-003 | 5.9000e-004 | 8.9600e-003 | 5.0000e-005 | 7.9900e-003 | 2.0000e-005 | 8.0100e-003 | 2.1200e-003 | 2.0000e-005 | 2.1400e-003 | 0.0000 | 4.3298 | 4.3298 | 4.0000e-005 | 0.0000 | 4.3307 |
| Total | 1.1300e-003 | 5.9000e-004 | 8.9600e-003 | 5.0000e-005 | 7.9900e-003 | 2.0000e-005 | 8.0100e-003 | 2.1200e-003 | 2.0000e-005 | 2.1400e-003 | 0.0000 | 4.3298 | 4.3298 | 4.0000e-005 | 0.0000 | 4.3307 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0733 | 0.2651 | 1.1468 | 2.0300e-003 | | 8.4400e-003 | 8.4400e-003 | | 8.4400e-003 | 8.4400e-003 | 0.0000 | 174.7213 | 174.7213 | 5.8700e-003 | 0.0000 | 174.8681 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0733 | 0.2651 | 1.1468 | 2.0300e-003 | | 8.4400e-003 | 8.4400e-003 | | 8.4400e-003 | 8.4400e-003 | 0.0000 | 174.7213 | 174.7213 | 5.8700e-003 | 0.0000 | 174.8681 |

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3.6 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 | 1.1300e-003 | 5.9000e-004 | 8.9600e-003 | 5.0000e-005 | 7.9900e-003 | 2.0000e-005 | 8.0100e-003 | 2.1200e-003 | 2.0000e-005 | 2.1400e-003 | 0.0000 | 4.3298 | 4.3298 | 4.0000e-005 | 0.0000 | 4.3307 |
| Total | 1.1300e-003 | 5.9000e-004 | 8.9600e-003 | 5.0000e-005 | 7.9900e-003 | 2.0000e-005 | 8.0100e-003 | 2.1200e-003 | 2.0000e-005 | 2.1400e-003 | 0.0000 | 4.3298 | 4.3298 | 4.0000e-005 | 0.0000 | 4.3307 |

3.6 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 | 0.0935 | 0.3382 | 1.4631 | 2.5900e-003 | | 0.0108 | 0.0108 | | 0.0108 | 0.0108 | 0.0000 | 222.9205 | 222.9205 | 7.4900e-003 | 0.0000 | 223.1078 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0935 | 0.3382 | 1.4631 | 2.5900e-003 | | 0.0108 | 0.0108 | | 0.0108 | 0.0108 | 0.0000 | 222.9205 | 222.9205 | 7.4900e-003 | 0.0000 | 223.1078 |

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3.6 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 | 1.4400e-003 | 7.6000e-004 | 0.0114 | 6.0000e-005 | 0.0102 | 3.0000e-005 | 0.0102 | 2.7100e-003 | 2.0000e-005 | 2.7300e-003 | 0.0000 | 5.5242 | 5.5242 | 5.0000e-005 | 0.0000 | 5.5254 |
| Total | 1.4400e-003 | 7.6000e-004 | 0.0114 | 6.0000e-005 | 0.0102 | 3.0000e-005 | 0.0102 | 2.7100e-003 | 2.0000e-005 | 2.7300e-003 | 0.0000 | 5.5242 | 5.5242 | 5.0000e-005 | 0.0000 | 5.5254 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0935 | 0.3382 | 1.4631 | 2.5900e-003 | | 0.0108 | 0.0108 | | 0.0108 | 0.0108 | 0.0000 | 222.9203 | 222.9203 | 7.4900e-003 | 0.0000 | 223.1076 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0935 | 0.3382 | 1.4631 | 2.5900e-003 | | 0.0108 | 0.0108 | | 0.0108 | 0.0108 | 0.0000 | 222.9203 | 222.9203 | 7.4900e-003 | 0.0000 | 223.1076 |

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3.6 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 | 1.4400e-003 | 7.6000e-004 | 0.0114 | 6.0000e-005 | 0.0102 | 3.0000e-005 | 0.0102 | 2.7100e-003 | 2.0000e-005 | 2.7300e-003 | 0.0000 | 5.5242 | 5.5242 | 5.0000e-005 | 0.0000 | 5.5254 |
| Total | 1.4400e-003 | 7.6000e-004 | 0.0114 | 6.0000e-005 | 0.0102 | 3.0000e-005 | 0.0102 | 2.7100e-003 | 2.0000e-005 | 2.7300e-003 | 0.0000 | 5.5242 | 5.5242 | 5.0000e-005 | 0.0000 | 5.5254 |

3.7 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 | 7.6929 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 4.3700e-003 | 0.0276 | 0.0681 | 1.1000e-004 | | 2.8000e-004 | 2.8000e-004 | | 2.8000e-004 | 2.8000e-004 | 0.0000 | 9.7024 | 9.7024 | 3.4000e-004 | 0.0000 | 9.7109 |
| Total | 7.6972 | 0.0276 | 0.0681 | 1.1000e-004 | | 2.8000e-004 | 2.8000e-004 | | 2.8000e-004 | 2.8000e-004 | 0.0000 | 9.7024 | 9.7024 | 3.4000e-004 | 0.0000 | 9.7109 |

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3.7 Architectural Coating - 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 | 0.0410 | 0.0216 | 0.3259 | 1.7400e-003 | 0.2905 | 7.5000e-004 | 0.2913 | 0.0773 | 6.9000e-004 | 0.0780 | 0.0000 | 157.4955 | 157.4955 | 1.3800e-003 | 0.0000 | 157.5301 |
| Total | 0.0410 | 0.0216 | 0.3259 | 1.7400e-003 | 0.2905 | 7.5000e-004 | 0.2913 | 0.0773 | 6.9000e-004 | 0.0780 | 0.0000 | 157.4955 | 157.4955 | 1.3800e-003 | 0.0000 | 157.5301 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 7.6929 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 4.3700e-003 | 0.0276 | 0.0681 | 1.1000e-004 | | 2.8000e-004 | 2.8000e-004 | | 2.8000e-004 | 2.8000e-004 | 0.0000 | 9.7024 | 9.7024 | 3.4000e-004 | 0.0000 | 9.7109 |
| Total | 7.6972 | 0.0276 | 0.0681 | 1.1000e-004 | | 2.8000e-004 | 2.8000e-004 | | 2.8000e-004 | 2.8000e-004 | 0.0000 | 9.7024 | 9.7024 | 3.4000e-004 | 0.0000 | 9.7109 |

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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 | 0.0410 | 0.0216 | 0.3259 | 1.7400e-003 | 0.2905 | 7.5000e-004 | 0.2913 | 0.0773 | 6.9000e-004 | 0.0780 | 0.0000 | 157.4955 | 157.4955 | 1.3800e-003 | 0.0000 | 157.5301 |
| Total | 0.0410 | 0.0216 | 0.3259 | 1.7400e-003 | 0.2905 | 7.5000e-004 | 0.2913 | 0.0773 | 6.9000e-004 | 0.0780 | 0.0000 | 157.4955 | 157.4955 | 1.3800e-003 | 0.0000 | 157.5301 |

3.7 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 | 25.7103 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0146 | 0.0923 | 0.2276 | 3.8000e-004 | | 9.4000e-004 | 9.4000e-004 | | 9.4000e-004 | 9.4000e-004 | 0.0000 | 32.4263 | 32.4263 | 1.1400e-003 | 0.0000 | 32.4549 |
| Total | 25.7249 | 0.0923 | 0.2276 | 3.8000e-004 | | 9.4000e-004 | 9.4000e-004 | | 9.4000e-004 | 9.4000e-004 | 0.0000 | 32.4263 | 32.4263 | 1.1400e-003 | 0.0000 | 32.4549 |

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3.7 Architectural Coating - 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 | 0.1369 | 0.0722 | 1.0890 | 5.8100e-003 | 0.9710 | 2.5000e-003 | 0.9735 | 0.2583 | 2.3000e-003 | 0.2606 | 0.0000 | 526.3664 | 526.3664 | 4.6300e-003 | 0.0000 | 526.4820 |
| Total | 0.1369 | 0.0722 | 1.0890 | 5.8100e-003 | 0.9710 | 2.5000e-003 | 0.9735 | 0.2583 | 2.3000e-003 | 0.2606 | 0.0000 | 526.3664 | 526.3664 | 4.6300e-003 | 0.0000 | 526.4820 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 25.7103 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0146 | 0.0923 | 0.2276 | 3.8000e-004 | | 9.4000e-004 | 9.4000e-004 | | 9.4000e-004 | 9.4000e-004 | 0.0000 | 32.4263 | 32.4263 | 1.1400e-003 | 0.0000 | 32.4548 |
| Total | 25.7249 | 0.0923 | 0.2276 | 3.8000e-004 | | 9.4000e-004 | 9.4000e-004 | | 9.4000e-004 | 9.4000e-004 | 0.0000 | 32.4263 | 32.4263 | 1.1400e-003 | 0.0000 | 32.4548 |

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3.7 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 | 0.1369 | 0.0722 | 1.0890 | 5.8100e-003 | 0.9710 | 2.5000e-003 | 0.9735 | 0.2583 | 2.3000e-003 | 0.2606 | 0.0000 | 526.3664 | 526.3664 | 4.6300e-003 | 0.0000 | 526.4820 |
| Total | 0.1369 | 0.0722 | 1.0890 | 5.8100e-003 | 0.9710 | 2.5000e-003 | 0.9735 | 0.2583 | 2.3000e-003 | 0.2606 | 0.0000 | 526.3664 | 526.3664 | 4.6300e-003 | 0.0000 | 526.4820 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento 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 | 5.6491 | 29.6410 | 53.7260 | 0.2351 | 26.4229 | 0.1259 | 26.5489 | 7.0746 | 0.1170 | 7.1915 | 0.0000 | 21,783.73 69 | 21,783.73 69 | 0.8793 | 0.0000 | 21,805.72 00 |
| Unmitigated | 5.6692 | 29.7395 | 54.1924 | 0.2377 | 26.7438 | 0.1271 | 26.8710 | 7.1605 | 0.1181 | 7.2786 | 0.0000 | 22,018.631 1 | 22,018.631 1 | 0.8863 | 0.0000 | 22,040.78 80 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|--------------------------|-------------------------|------------------|------------------|-------------------|-------------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Apartments Low Rise | 10,972.35 | 11,921.40 | 10106.55 | 13,501,464 | 13,339,447 |
| Apartments Mid Rise | 20,515.25 | 19,713.15 | 18078.10 | 34,799,150 | 34,381,560 |
| City Park | 150.26 | 1,808.63 | 1330.83 | 1,025,459 | 1,013,153 |
| Condo/Townhouse | 871.50 | 850.50 | 726.00 | 2,175,327 | 2,149,223 |
| Elementary School | 1,535.29 | 0.00 | 0.00 | 2,306,054 | 2,278,381 |
| General Light Industry | 1,290.84 | 244.46 | 125.94 | 2,696,455 | 2,664,098 |
| Racquet Club | 883.89 | 1,345.05 | 1096.20 | 1,294,152 | 1,278,622 |
| Regional Shopping Center | 10,419.65 | 12,193.68 | 6159.06 | 14,063,079 | 13,894,322 |
| Total | 46,639.03 | 48,076.87 | 37,622.68 | 71,861,140 | 70,998,807 |

4.3 Trip Type Information

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento 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 |
| Apartments Low Rise | 1.10 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| Apartments Mid Rise | 4.47 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| City Park | 10.00 | 5.00 | 6.50 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |
| Condo/Townhouse | 10.00 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| Elementary School | 10.00 | 5.00 | 6.50 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| General Light Industry | 10.00 | 5.00 | 6.50 | 59.00 | 28.00 | 13.00 | 92 | 5 | 3 |
| Racquet Club | 10.00 | 5.00 | 6.50 | 11.50 | 69.50 | 19.00 | 52 | 39 | 9 |
| Regional Shopping Center | 10.00 | 5.00 | 6.50 | 16.30 | 64.70 | 19.00 | 54 | 35 | 11 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments Low Rise | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Apartments Mid Rise | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| City Park | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Condo/Townhouse | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Elementary School | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| General Light Industry | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Racquet Club | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Regional Shopping Center | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento 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 | 1,817.3299 | 1,817.3299 | 0.3664 | 0.0758 | 1,849.0779 |
| Electricity Unmitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 1,817.3299 | 1,817.3299 | 0.3664 | 0.0758 | 1,849.0779 |
| NaturalGas Mitigated | 0.3442 | 2.9755 | 1.5045 | 0.0188 | | | 0.2378 | 0.2378 | | 0.2378 | 0.2378 | 3,405.9423 | 3,405.9423 | 0.0653 | 0.0624 | 3,426.1821 |
| NaturalGas Unmitigated | 0.3442 | 2.9755 | 1.5045 | 0.0188 | | | 0.2378 | 0.2378 | | 0.2378 | 0.2378 | 3,405.9423 | 3,405.9423 | 0.0653 | 0.0624 | 3,426.1821 |

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento 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 | | | | | |
| Apartments Low Rise | 1.96743e+007 | 0.1061 | 0.9066 | 0.3858 | 5.7900e-003 | | 0.0733 | 0.0733 | | 0.0733 | 0.0733 | 0.0000 | 1,049.8932 | 1,049.8932 | 0.0201 | 0.0193 | 1,056.1322 |
| Apartments Mid Rise | 2.94194e+007 | 0.1586 | 1.3556 | 0.5769 | 8.6500e-003 | | 0.1096 | 0.1096 | | 0.1096 | 0.1096 | 0.0000 | 1,569.9308 | 1,569.9308 | 0.0301 | 0.0288 | 1,579.2602 |
| 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 | 3.0023e+006 | 0.0162 | 0.1383 | 0.0589 | 8.8000e-004 | | 0.0112 | 0.0112 | | 0.0112 | 0.0112 | 0.0000 | 160.2141 | 160.2141 | 3.0700e-003 | 2.9400e-003 | 161.1661 |
| Elementary School | 1.51837e+006 | 8.1900e-003 | 0.0744 | 0.0625 | 4.5000e-004 | | 5.6600e-003 | 5.6600e-003 | | 5.6600e-003 | 5.6600e-003 | 0.0000 | 81.0260 | 81.0260 | 1.5500e-003 | 1.4900e-003 | 81.5075 |
| General Light Industry | 6.63201e+006 | 0.0358 | 0.3251 | 0.2731 | 1.9500e-003 | | 0.0247 | 0.0247 | | 0.0247 | 0.0247 | 0.0000 | 353.9094 | 353.9094 | 6.7800e-003 | 6.4900e-003 | 356.0125 |
| Racquet Club | 2.25603e+006 | 0.0122 | 0.1106 | 0.0929 | 6.6000e-004 | | 8.4000e-003 | 8.4000e-003 | | 8.4000e-003 | 8.4000e-003 | 0.0000 | 120.3904 | 120.3904 | 2.3100e-003 | 2.2100e-003 | 121.1058 |
| Regional Shopping Center | 1.32259e+006 | 7.1300e-003 | 0.0648 | 0.0545 | 3.9000e-004 | | 4.9300e-003 | 4.9300e-003 | | 4.9300e-003 | 4.9300e-003 | 0.0000 | 70.5784 | 70.5784 | 1.3500e-003 | 1.2900e-003 | 70.9978 |
| Total | | 0.3442 | 2.9755 | 1.5045 | 0.0188 | | 0.2378 | 0.2378 | | 0.2378 | 0.2378 | 0.0000 | 3,405.9423 | 3,405.9423 | 0.0653 | 0.0625 | 3,426.1821 |

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento 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 | | | | | |
| Apartments Low Rise | 1.96743e+007 | 0.1061 | 0.9066 | 0.3858 | 5.7900e-003 | | 0.0733 | 0.0733 | | 0.0733 | 0.0733 | 0.0000 | 1,049.8932 | 1,049.8932 | 0.0201 | 0.0193 | 1,056.1322 |
| Apartments Mid Rise | 2.94194e+007 | 0.1586 | 1.3556 | 0.5769 | 8.6500e-003 | | 0.1096 | 0.1096 | | 0.1096 | 0.1096 | 0.0000 | 1,569.9308 | 1,569.9308 | 0.0301 | 0.0288 | 1,579.2602 |
| 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 | 3.0023e+006 | 0.0162 | 0.1383 | 0.0589 | 8.8000e-004 | | 0.0112 | 0.0112 | | 0.0112 | 0.0112 | 0.0000 | 160.2141 | 160.2141 | 3.0700e-003 | 2.9400e-003 | 161.1661 |
| Elementary School | 1.51837e+006 | 8.1900e-003 | 0.0744 | 0.0625 | 4.5000e-004 | | 5.6600e-003 | 5.6600e-003 | | 5.6600e-003 | 5.6600e-003 | 0.0000 | 81.0260 | 81.0260 | 1.5500e-003 | 1.4900e-003 | 81.5075 |
| General Light Industry | 6.63201e+006 | 0.0358 | 0.3251 | 0.2731 | 1.9500e-003 | | 0.0247 | 0.0247 | | 0.0247 | 0.0247 | 0.0000 | 353.9094 | 353.9094 | 6.7800e-003 | 6.4900e-003 | 356.0125 |
| Racquet Club | 2.25603e+006 | 0.0122 | 0.1106 | 0.0929 | 6.6000e-004 | | 8.4000e-003 | 8.4000e-003 | | 8.4000e-003 | 8.4000e-003 | 0.0000 | 120.3904 | 120.3904 | 2.3100e-003 | 2.2100e-003 | 121.1058 |
| Regional Shopping Center | 1.32259e+006 | 7.1300e-003 | 0.0648 | 0.0545 | 3.9000e-004 | | 4.9300e-003 | 4.9300e-003 | | 4.9300e-003 | 4.9300e-003 | 0.0000 | 70.5784 | 70.5784 | 1.3500e-003 | 1.2900e-003 | 70.9978 |
| Total | | 0.3442 | 2.9755 | 1.5045 | 0.0188 | | 0.2378 | 0.2378 | | 0.2378 | 0.2378 | 0.0000 | 3,405.9423 | 3,405.9423 | 0.0653 | 0.0625 | 3,426.1821 |

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento County, Annual

5.3 Energy by Land Use - Electricity**Unmitigated**

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| Apartments Low Rise | 7.03188e+006 | 458.8248 | 0.0925 | 0.0191 | 466.8403 |
| Apartments Mid Rise | 1.30317e+007 | 850.3060 | 0.1714 | 0.0355 | 865.1605 |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 772652 | 50.4149 | 0.0102 | 2.1000e-003 | 51.2957 |
| Elementary School | 728340 | 47.5237 | 9.5800e-003 | 1.9800e-003 | 48.3539 |
| General Light Industry | 2.81134e+006 | 183.4376 | 0.0370 | 7.6500e-003 | 186.6422 |
| Racquet Club | 892080 | 58.2076 | 0.0117 | 2.4300e-003 | 59.2244 |
| Regional Shopping Center | 2.58417e+006 | 168.6153 | 0.0340 | 7.0300e-003 | 171.5609 |
| Total | | 1,817.3299 | 0.3664 | 0.0758 | 1,849.0779 |

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| Apartments Low Rise | 7.03188e+006 | 458.8248 | 0.0925 | 0.0191 | 466.8403 |
| Apartments Mid Rise | 1.30317e+007 | 850.3060 | 0.1714 | 0.0355 | 865.1605 |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 772652 | 50.4149 | 0.0102 | 2.1000e-003 | 51.2957 |
| Elementary School | 728340 | 47.5237 | 9.5800e-003 | 1.9800e-003 | 48.3539 |
| General Light Industry | 2.81134e+006 | 183.4376 | 0.0370 | 7.6500e-003 | 186.6422 |
| Racquet Club | 892080 | 58.2076 | 0.0117 | 2.4300e-003 | 59.2244 |
| Regional Shopping Center | 2.58417e+006 | 168.6153 | 0.0340 | 7.0300e-003 | 171.5609 |
| Total | | 1,817.3299 | 0.3664 | 0.0758 | 1,849.0779 |

6.0 Area Detail

6.1 Mitigation Measures Area

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento 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 | 26.3271 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |
| Unmitigated | 26.3271 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |

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 | 3.3403 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 21.4805 | | | | | 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 | 1.5064 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |
| Total | 26.3271 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |

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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 | 3.3403 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 21.4805 | | | | | 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 | 1.5064 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |
| Total | 26.3271 | 0.5810 | 50.3629 | 2.6700e-003 | | 0.2803 | 0.2803 | | 0.2803 | 0.2803 | 0.0000 | 82.5598 | 82.5598 | 0.0786 | 0.0000 | 84.5253 |

7.0 Water Detail

7.1 Mitigation Measures Water

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento County, Annual

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|--------|--------|----------|
| Category | MT/yr | | | |
| Mitigated | 334.9243 | 0.5109 | 0.3058 | 438.8385 |
| Unmitigated | 334.9243 | 0.5109 | 0.3058 | 438.8385 |

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento County, Annual

7.2 Water by Land Use

Unmitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| Apartments Low Rise | 108.481 / 68.3905 | 89.2679 | 0.1424 | 0.0856 | 118.3323 |
| Apartments Mid Rise | 201 / 126.717 | 165.4003 | 0.2638 | 0.1586 | 219.2524 |
| City Park | 0 / 94.7228 | 21.6321 | 4.3600e-003 | 9.0000e-004 | 22.0100 |
| Condo/Townhouse | 9.7731 / 6.1613 | 8.0422 | 0.0128 | 7.7100e-003 | 10.6606 |
| Elementary School | 2.88519 / 7.41907 | 3.6531 | 4.0400e-003 | 2.3300e-003 | 4.4485 |
| General Light Industry | 42.8275 / 0 | 29.0761 | 0.0550 | 0.0335 | 40.4428 |
| Racquet Club | 3.72602 / 2.28369 | 3.0512 | 4.8900e-003 | 2.9400e-003 | 4.0492 |
| Regional Shopping Center | 18.0752 / 11.0783 | 14.8015 | 0.0237 | 0.0143 | 19.6429 |
| Total | | 334.9243 | 0.5109 | 0.3058 | 438.8385 |

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento County, Annual

7.2 Water by Land Use**Mitigated**

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| Apartments Low Rise | 108.481 / 68.3905 | 89.2679 | 0.1424 | 0.0856 | 118.3323 |
| Apartments Mid Rise | 201 / 126.717 | 165.4003 | 0.2638 | 0.1586 | 219.2524 |
| City Park | 0 / 94.7228 | 21.6321 | 4.3600e-003 | 9.0000e-004 | 22.0100 |
| Condo/Townhouse | 9.7731 / 6.1613 | 8.0422 | 0.0128 | 7.7100e-003 | 10.6606 |
| Elementary School | 2.88519 / 7.41907 | 3.6531 | 4.0400e-003 | 2.3300e-003 | 4.4485 |
| General Light Industry | 42.8275 / 0 | 29.0761 | 0.0550 | 0.0335 | 40.4428 |
| Racquet Club | 3.72602 / 2.28369 | 3.0512 | 4.8900e-003 | 2.9400e-003 | 4.0492 |
| Regional Shopping Center | 18.0752 / 11.0783 | 14.8015 | 0.0237 | 0.0143 | 19.6429 |
| Total | | 334.9243 | 0.5109 | 0.3058 | 438.8385 |

8.0 Waste Detail**8.1 Mitigation Measures Waste**

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento County, Annual

Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|---------|--------|------------|
| | MT/yr | | | |
| Mitigated | 656.7082 | 38.8104 | 0.0000 | 1,626.9669 |
| Unmitigated | 656.7082 | 38.8104 | 0.0000 | 1,626.9669 |

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento County, Annual

8.2 Waste by Land Use**Unmitigated**

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|----------------|-----------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| Apartments Low Rise | 765.9 | 155.4708 | 9.1881 | 0.0000 | 385.1723 |
| Apartments Mid Rise | 1419.1 | 288.0645 | 17.0241 | 0.0000 | 713.6675 |
| City Park | 6.84 | 1.3885 | 0.0821 | 0.0000 | 3.4399 |
| Condo/Townhouse | 69 | 14.0064 | 0.8278 | 0.0000 | 34.7002 |
| Elementary School | 129.35 | 26.2569 | 1.5517 | 0.0000 | 65.0503 |
| General Light Industry | 229.65 | 46.6169 | 2.7550 | 0.0000 | 115.4913 |
| Racquet Club | 359.1 | 72.8941 | 4.3079 | 0.0000 | 180.5919 |
| Regional Shopping Center | 256.22 | 52.0103 | 3.0737 | 0.0000 | 128.8534 |
| Total | | 656.7082 | 38.8104 | 0.0000 | 1,626.9669 |

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento County, Annual

8.2 Waste by Land Use

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|----------------|-----------------|----------------|---------------|-------------------|
| Land Use | tons | MT/yr | | | |
| Apartments Low Rise | 765.9 | 155.4708 | 9.1881 | 0.0000 | 385.1723 |
| Apartments Mid Rise | 1419.1 | 288.0645 | 17.0241 | 0.0000 | 713.6675 |
| City Park | 6.84 | 1.3885 | 0.0821 | 0.0000 | 3.4399 |
| Condo/Townhouse | 69 | 14.0064 | 0.8278 | 0.0000 | 34.7002 |
| Elementary School | 129.35 | 26.2569 | 1.5517 | 0.0000 | 65.0503 |
| General Light Industry | 229.65 | 46.6169 | 2.7550 | 0.0000 | 115.4913 |
| Racquet Club | 359.1 | 72.8941 | 4.3079 | 0.0000 | 180.5919 |
| Regional Shopping Center | 256.22 | 52.0103 | 3.0737 | 0.0000 | 128.8534 |
| Total | | 656.7082 | 38.8104 | 0.0000 | 1,626.9669 |

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

West Broadway Future_VMT Adj_incl Project Features and Miti - Sacramento County, Annual

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

User Defined Equipment

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

11.0 Vegetation

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

West Broadway Future_VMT Adj_incl Project Features
Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|--------------------------|----------|---------------|-------------|--------------------|------------|
| Elementary School | 99.50 | 1000sqft | 2.28 | 99,500.00 | 0 |
| General Light Industry | 185.20 | 1000sqft | 4.25 | 185,200.00 | 0 |
| City Park | 79.50 | Acre | 79.50 | 3,463,020.00 | 0 |
| Racquet Club | 63.00 | 1000sqft | 1.45 | 63,000.00 | 0 |
| Apartments Low Rise | 1,665.00 | Dwelling Unit | 104.06 | 1,665,000.00 | 4446 |
| Apartments Mid Rise | 3,085.00 | Dwelling Unit | 81.18 | 3,085,000.00 | 8237 |
| Condo/Townhouse | 150.00 | Dwelling Unit | 9.38 | 150,000.00 | 401 |
| Regional Shopping Center | 244.02 | 1000sqft | 5.60 | 244,020.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|---------------------------------|---------------------------------------|---------------------------------|-------|----------------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.5 | Precipitation Freq (Days) | 58 |
| Climate Zone | 6 | | | Operational Year | 2035 |
| Utility Company | Sacramento Municipal Utility District | | | | |
| CO2 Intensity (lb/MW hr) | 143.85 | CH4 Intensity (lb/MW hr) | 0.029 | N2O Intensity (lb/MW hr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

Mobile Land Use Mitigation -
 Area Mitigation -

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| Table Name | Column Name | Default Value | New Value |
|---------------------------|--------------------|---------------|-----------|
| tblEnergyUse | T24E | 511.12 | 240.23 |
| tblEnergyUse | T24E | 460.92 | 428.66 |
| tblEnergyUse | T24E | 381.61 | 354.90 |
| tblEnergyUse | T24E | 3.41 | 2.39 |
| tblEnergyUse | T24E | 3.26 | 2.28 |
| tblEnergyUse | T24NG | 9,411.72 | 7,999.96 |
| tblEnergyUse | T24NG | 7,061.10 | 6,001.94 |
| tblEnergyUse | T24NG | 17,864.25 | 15,184.61 |
| tblProjectCharacteristics | CO2IntensityFactor | 590.31 | 143.85 |
| tblVehicleTrips | HW_TL | 10.00 | 1.10 |
| tblVehicleTrips | HW_TL | 10.00 | 4.47 |

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| 2020 | 3.4031 | 34.1972 | 22.4625 | 0.0428 | 0.9636 | 1.6630 | 2.6266 | 0.1669 | 1.5460 | 1.7128 | 0.0000 | 4,161.0109 | 4,161.0109 | 1.0780 | 0.0000 | 4,187.9619 |
| 2021 | 4.2713 | 46.4409 | 31.4768 | 0.0636 | 18.2032 | 2.0454 | 20.2486 | 9.9670 | 1.8818 | 11.8488 | 0.0000 | 6,160.3393 | 6,160.3393 | 1.9469 | 0.0000 | 6,209.0112 |
| 2022 | 3.6996 | 38.8804 | 29.5925 | 0.0636 | 8.8255 | 1.6359 | 10.4614 | 3.6369 | 1.5050 | 5.1419 | 0.0000 | 6,159.2088 | 6,159.2088 | 1.9479 | 0.0000 | 6,207.9058 |
| 2023 | 22.4719 | 119.2605 | 173.1881 | 0.6835 | 46.7565 | 1.4255 | 47.8455 | 12.5632 | 1.3114 | 13.5850 | 0.0000 | 69,810.4029 | 69,810.4029 | 2.9444 | 0.0000 | 69,884.0130 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| 2024 | 21.1338 | 115.6870 | 161.9332 | 0.6672 | 46.7558 | 0.9904 | 47.7462 | 12.5630 | 0.9287 | 13.4917 | 0.0000 | 68,192.73 27 | 68,192.73 27 | 2.8390 | 0.0000 | 68,263.70 70 |
| 2025 | 19.9569 | 112.2740 | 151.7380 | 0.6511 | 46.7551 | 0.8936 | 47.6488 | 12.5628 | 0.8376 | 13.4004 | 0.0000 | 66,595.65 57 | 66,595.65 57 | 2.7463 | 0.0000 | 66,664.31 25 |
| 2026 | 19.0027 | 110.0231 | 143.0229 | 0.6366 | 46.7546 | 0.8801 | 47.6347 | 12.5625 | 0.8249 | 13.3875 | 0.0000 | 65,163.09 79 | 65,163.09 79 | 2.6682 | 0.0000 | 65,229.80 32 |
| 2027 | 18.0807 | 107.9678 | 135.1941 | 0.6236 | 46.7541 | 0.8631 | 47.6171 | 12.5624 | 0.8090 | 13.3713 | 0.0000 | 63,874.92 07 | 63,874.92 07 | 2.5966 | 0.0000 | 63,939.83 67 |
| 2028 | 17.1520 | 106.1917 | 128.3256 | 0.6121 | 46.7537 | 0.8433 | 47.5969 | 12.5622 | 0.7906 | 13.3528 | 0.0000 | 62,737.23 79 | 62,737.23 79 | 2.5328 | 0.0000 | 62,800.55 71 |
| 2029 | 16.1568 | 104.5102 | 121.8388 | 0.6020 | 46.7533 | 0.8240 | 47.5773 | 12.5621 | 0.7727 | 13.3347 | 0.0000 | 61,726.94 21 | 61,726.94 21 | 2.4713 | 0.0000 | 61,788.72 42 |
| 2030 | 15.1379 | 98.4166 | 116.1306 | 0.5970 | 46.7529 | 0.4263 | 47.1793 | 12.5619 | 0.4075 | 12.9695 | 0.0000 | 61,177.47 63 | 61,177.47 63 | 1.9297 | 0.0000 | 61,225.71 77 |
| 2031 | 14.1377 | 96.9869 | 110.7029 | 0.5891 | 46.7527 | 0.4092 | 47.1619 | 12.5618 | 0.3916 | 12.9535 | 0.0000 | 60,399.97 36 | 60,399.97 36 | 1.8776 | 0.0000 | 60,446.91 29 |
| 2032 | 13.2426 | 95.6826 | 105.9571 | 0.5824 | 46.7524 | 0.3939 | 47.1463 | 12.5617 | 0.3774 | 12.9391 | 0.0000 | 59,728.18 29 | 59,728.18 29 | 1.8321 | 0.0000 | 59,773.98 47 |
| 2033 | 12.5072 | 94.5469 | 101.9519 | 0.5765 | 46.7522 | 0.3803 | 47.1325 | 12.5617 | 0.3647 | 12.9264 | 0.0000 | 59,148.32 75 | 59,148.32 75 | 1.7936 | 0.0000 | 59,193.16 64 |
| 2034 | 11.8418 | 93.5149 | 98.1731 | 0.5715 | 46.7520 | 0.3674 | 47.1195 | 12.5616 | 0.3528 | 12.9144 | 0.0000 | 58,649.27 77 | 58,649.27 77 | 1.7576 | 0.0000 | 58,693.21 75 |
| 2035 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.36 85 | 58,226.36 85 | 1.7179 | 0.0000 | 58,269.31 64 |
| 2036 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.36 85 | 58,226.36 85 | 1.7179 | 0.0000 | 58,269.31 64 |
| 2037 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.36 85 | 58,226.36 85 | 1.7179 | 0.0000 | 58,269.31 64 |
| 2038 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.36 85 | 58,226.36 85 | 1.7179 | 0.0000 | 58,269.31 64 |
| 2039 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.36 85 | 58,226.36 85 | 1.7179 | 0.0000 | 58,269.31 64 |
| 2040 | 9.0426 | 88.6590 | 84.9205 | 0.5548 | 46.7513 | 0.2459 | 46.9972 | 12.5613 | 0.2347 | 12.7960 | 0.0000 | 56,996.96 60 | 56,996.96 60 | 1.6108 | 0.0000 | 57,037.23 47 |
| 2041 | 9.0426 | 88.6590 | 84.9205 | 0.5548 | 46.7513 | 0.2459 | 46.9972 | 12.5613 | 0.2347 | 12.7960 | 0.0000 | 56,996.96 60 | 56,996.96 60 | 1.6108 | 0.0000 | 57,037.23 47 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| 2042 | 203.7631 | 3.6641 | 15.9692 | 0.0536 | 7.9189 | 0.1167 | 7.9460 | 2.1006 | 0.1167 | 2.1261 | 0.0000 | 5,339.707 2 | 5,339.707 2 | 0.0899 | 0.0000 | 5,341.107 0 |
| 2043 | 203.7631 | 1.2458 | 12.3048 | 0.0536 | 7.9189 | 0.0271 | 7.9460 | 2.1006 | 0.0255 | 2.1261 | 0.0000 | 5,339.707 2 | 5,339.707 2 | 0.0560 | 0.0000 | 5,341.107 0 |
| Maximum | 203.7631 | 119.2605 | 173.1881 | 0.6835 | 46.7565 | 2.0454 | 47.8455 | 12.5632 | 1.8818 | 13.5850 | 0.0000 | 69,810.40 29 | 69,810.40 29 | 2.9444 | 0.0000 | 69,884.01 30 |

2.1 Overall Construction (Maximum Daily Emission)

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| 2020 | 3.4031 | 34.1972 | 22.4625 | 0.0428 | 0.9636 | 1.6630 | 2.6266 | 0.1669 | 1.5460 | 1.7128 | 0.0000 | 4,161.010 9 | 4,161.010 9 | 1.0780 | 0.0000 | 4,187.961 9 |
| 2021 | 4.2713 | 46.4409 | 31.4768 | 0.0636 | 18.2032 | 2.0454 | 20.2486 | 9.9670 | 1.8818 | 11.8488 | 0.0000 | 6,160.339 2 | 6,160.339 2 | 1.9469 | 0.0000 | 6,209.0112 |
| 2022 | 3.6996 | 38.8804 | 29.5925 | 0.0636 | 8.8255 | 1.6359 | 10.4614 | 3.6369 | 1.5050 | 5.1419 | 0.0000 | 6,159.208 8 | 6,159.208 8 | 1.9479 | 0.0000 | 6,207.905 8 |
| 2023 | 22.4719 | 119.2605 | 173.1881 | 0.6835 | 46.7565 | 1.4255 | 47.8455 | 12.5632 | 1.3114 | 13.5850 | 0.0000 | 69,810.40 29 | 69,810.40 29 | 2.9444 | 0.0000 | 69,884.01 30 |
| 2024 | 21.1338 | 115.6870 | 161.9332 | 0.6672 | 46.7558 | 0.9904 | 47.7462 | 12.5630 | 0.9287 | 13.4917 | 0.0000 | 68,192.73 27 | 68,192.73 27 | 2.8390 | 0.0000 | 68,263.70 70 |
| 2025 | 19.9569 | 112.2740 | 151.7380 | 0.6511 | 46.7551 | 0.8936 | 47.6488 | 12.5628 | 0.8376 | 13.4004 | 0.0000 | 66,595.65 57 | 66,595.65 57 | 2.7463 | 0.0000 | 66,664.31 25 |
| 2026 | 19.0027 | 110.0231 | 143.0229 | 0.6366 | 46.7546 | 0.8801 | 47.6347 | 12.5625 | 0.8249 | 13.3875 | 0.0000 | 65,163.09 79 | 65,163.09 79 | 2.6682 | 0.0000 | 65,229.80 32 |
| 2027 | 18.0807 | 107.9678 | 135.1941 | 0.6236 | 46.7541 | 0.8631 | 47.6171 | 12.5624 | 0.8090 | 13.3713 | 0.0000 | 63,874.92 07 | 63,874.92 07 | 2.5966 | 0.0000 | 63,939.83 67 |
| 2028 | 17.1520 | 106.1917 | 128.3256 | 0.6121 | 46.7537 | 0.8433 | 47.5969 | 12.5622 | 0.7906 | 13.3528 | 0.0000 | 62,737.23 79 | 62,737.23 79 | 2.5328 | 0.0000 | 62,800.55 71 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| 2029 | 16.1568 | 104.5102 | 121.8388 | 0.6020 | 46.7533 | 0.8240 | 47.5773 | 12.5621 | 0.7727 | 13.3347 | 0.0000 | 61,726.94 21 | 61,726.94 21 | 2.4713 | 0.0000 | 61,788.72 42 |
| 2030 | 15.1379 | 98.4166 | 116.1306 | 0.5970 | 46.7529 | 0.4263 | 47.1793 | 12.5619 | 0.4075 | 12.9695 | 0.0000 | 61,177.47 63 | 61,177.47 63 | 1.9297 | 0.0000 | 61,225.71 77 |
| 2031 | 14.1377 | 96.9869 | 110.7029 | 0.5891 | 46.7527 | 0.4092 | 47.1619 | 12.5618 | 0.3916 | 12.9535 | 0.0000 | 60,399.97 36 | 60,399.97 36 | 1.8776 | 0.0000 | 60,446.91 29 |
| 2032 | 13.2426 | 95.6826 | 105.9571 | 0.5824 | 46.7524 | 0.3939 | 47.1463 | 12.5617 | 0.3774 | 12.9391 | 0.0000 | 59,728.18 29 | 59,728.18 29 | 1.8321 | 0.0000 | 59,773.98 47 |
| 2033 | 12.5072 | 94.5469 | 101.9519 | 0.5765 | 46.7522 | 0.3803 | 47.1325 | 12.5617 | 0.3647 | 12.9264 | 0.0000 | 59,148.32 75 | 59,148.32 75 | 1.7936 | 0.0000 | 59,193.16 64 |
| 2034 | 11.8418 | 93.5149 | 98.1731 | 0.5715 | 46.7520 | 0.3674 | 47.1195 | 12.5616 | 0.3528 | 12.9144 | 0.0000 | 58,649.27 77 | 58,649.27 77 | 1.7576 | 0.0000 | 58,693.21 75 |
| 2035 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.36 85 | 58,226.36 85 | 1.7179 | 0.0000 | 58,269.31 64 |
| 2036 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.36 85 | 58,226.36 85 | 1.7179 | 0.0000 | 58,269.31 64 |
| 2037 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.36 85 | 58,226.36 85 | 1.7179 | 0.0000 | 58,269.31 64 |
| 2038 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.36 85 | 58,226.36 85 | 1.7179 | 0.0000 | 58,269.31 64 |
| 2039 | 11.1728 | 91.8527 | 94.9031 | 0.5672 | 46.7519 | 0.2983 | 47.0503 | 12.5616 | 0.2845 | 12.8461 | 0.0000 | 58,226.36 85 | 58,226.36 85 | 1.7179 | 0.0000 | 58,269.31 64 |
| 2040 | 9.0426 | 88.6590 | 84.9205 | 0.5548 | 46.7513 | 0.2459 | 46.9972 | 12.5613 | 0.2347 | 12.7960 | 0.0000 | 56,996.96 60 | 56,996.96 60 | 1.6108 | 0.0000 | 57,037.23 47 |
| 2041 | 9.0426 | 88.6590 | 84.9205 | 0.5548 | 46.7513 | 0.2459 | 46.9972 | 12.5613 | 0.2347 | 12.7960 | 0.0000 | 56,996.96 60 | 56,996.96 60 | 1.6108 | 0.0000 | 57,037.23 47 |
| 2042 | 203.7631 | 3.6641 | 15.9692 | 0.0536 | 7.9189 | 0.1167 | 7.9460 | 2.1006 | 0.1167 | 2.1261 | 0.0000 | 5,339.707 2 | 5,339.707 2 | 0.0899 | 0.0000 | 5,341.107 0 |
| 2043 | 203.7631 | 1.2458 | 12.3048 | 0.0536 | 7.9189 | 0.0271 | 7.9460 | 2.1006 | 0.0255 | 2.1261 | 0.0000 | 5,339.707 2 | 5,339.707 2 | 0.0560 | 0.0000 | 5,341.107 0 |
| Maximum | 203.7631 | 119.2605 | 173.1881 | 0.6835 | 46.7565 | 2.0454 | 47.8455 | 12.5632 | 1.8818 | 13.5850 | 0.0000 | 69,810.40 29 | 69,810.40 29 | 2.9444 | 0.0000 | 69,884.01 30 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Area | 148.0552 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | 0.0000 | 728.0532 | 728.0532 | 0.6933 | 0.0000 | 745.3858 |
| Energy | 1.7435 | 15.0879 | 7.7261 | 0.0951 | | 1.2046 | 1.2046 | | 1.2046 | 1.2046 | | 19,019.7900 | 19,019.7900 | 0.3646 | 0.3487 | 19,132.8151 |
| Mobile | 46.7006 | 181.9336 | 372.0580 | 1.5920 | 172.4106 | 0.7899 | 173.2004 | 46.0310 | 0.7335 | 46.7645 | | 162,360.3128 | 162,360.3128 | 6.0713 | | 162,512.0965 |
| Total | 196.4993 | 201.6696 | 782.6875 | 1.7084 | 172.4106 | 4.2365 | 176.6471 | 46.0310 | 4.1801 | 50.2111 | 0.0000 | 182,108.1560 | 182,108.1560 | 7.1292 | 0.3487 | 182,390.2973 |

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Area | 148.0552 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | 0.0000 | 728.0532 | 728.0532 | 0.6933 | 0.0000 | 745.3858 |
| Energy | 1.7435 | 15.0879 | 7.7261 | 0.0951 | | 1.2046 | 1.2046 | | 1.2046 | 1.2046 | | 19,019.7900 | 19,019.7900 | 0.3646 | 0.3487 | 19,132.8151 |
| Mobile | 46.5717 | 181.3661 | 368.5582 | 1.5749 | 170.3417 | 0.7824 | 171.1241 | 45.4786 | 0.7266 | 46.2052 | | 160,621.2080 | 160,621.2080 | 6.0219 | | 160,771.7547 |
| Total | 196.3703 | 201.1021 | 779.1877 | 1.6913 | 170.3417 | 4.2291 | 174.5708 | 45.4786 | 4.1732 | 49.6518 | 0.0000 | 180,369.0512 | 180,369.0512 | 7.0797 | 0.3487 | 180,649.9555 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | 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 | 0.07 | 0.28 | 0.45 | 1.00 | 1.20 | 0.17 | 1.18 | 1.20 | 0.16 | 1.11 | 0.00 | 0.95 | 0.95 | 0.69 | 0.00 | 0.95 |

3.0 Construction Detail

Construction Phase

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1 | Demolition | Demolition | 1/1/2020 | 2/23/2021 | 5 | 300 | |
| 2 | Site Preparation | Site Preparation | 2/24/2021 | 11/2/2021 | 5 | 180 | |
| 3 | Grading | Grading | 11/3/2021 | 8/15/2023 | 5 | 465 | |
| 4 | Building Construction | Building Construction | 8/16/2023 | 6/11/2041 | 5 | 4650 | |
| 5 | Paving | Paving | 6/12/2041 | 9/16/2042 | 5 | 330 | |
| 6 | Architectural Coating | Architectural Coating | 9/17/2042 | 12/22/2043 | 5 | 330 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 887,580; Non-Residential Outdoor: 295,860; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Demolition | Excavators | 3 | 8.00 | 158 | 0.38 |
| Demolition | Rubber Tired Dozers | 2 | 8.00 | 247 | 0.40 |
| 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

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| 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 |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition | 6 | 15.00 | 0.00 | 1,040.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 5,207.00 | 1,188.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 1,041.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 0.7825 | 0.0000 | 0.7825 | 0.1185 | 0.0000 | 0.1185 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.3121 | 33.2010 | 21.7532 | 0.0388 | | 1.6587 | 1.6587 | | 1.5419 | 1.5419 | | 3,747.7049 | 3,747.7049 | 1.0580 | | 3,774.1536 |
| Total | 3.3121 | 33.2010 | 21.7532 | 0.0388 | 0.7825 | 1.6587 | 2.4412 | 0.1185 | 1.5419 | 1.6603 | | 3,747.7049 | 3,747.7049 | 1.0580 | | 3,774.1536 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.2 Demolition - 2020

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0263 | 0.9619 | 0.2196 | 2.7500e-003 | 0.0670 | 3.5200e-003 | 0.0705 | 0.0181 | 3.3600e-003 | 0.0215 | | 294.2791 | 294.2791 | 0.0167 | | 294.6961 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0647 | 0.0343 | 0.4898 | 1.2000e-003 | 0.1141 | 7.9000e-004 | 0.1149 | 0.0303 | 7.3000e-004 | 0.0310 | | 119.0269 | 119.0269 | 3.4100e-003 | | 119.1122 |
| Total | 0.0910 | 0.9962 | 0.7093 | 3.9500e-003 | 0.1811 | 4.3100e-003 | 0.1854 | 0.0484 | 4.0900e-003 | 0.0525 | | 413.3060 | 413.3060 | 0.0201 | | 413.8083 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 0.7825 | 0.0000 | 0.7825 | 0.1185 | 0.0000 | 0.1185 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.3121 | 33.2010 | 21.7532 | 0.0388 | | 1.6587 | 1.6587 | | 1.5419 | 1.5419 | 0.0000 | 3,747.7049 | 3,747.7049 | 1.0580 | | 3,774.1536 |
| Total | 3.3121 | 33.2010 | 21.7532 | 0.0388 | 0.7825 | 1.6587 | 2.4412 | 0.1185 | 1.5419 | 1.6603 | 0.0000 | 3,747.7049 | 3,747.7049 | 1.0580 | | 3,774.1536 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.2 Demolition - 2020

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0263 | 0.9619 | 0.2196 | 2.7500e-003 | 0.0670 | 3.5200e-003 | 0.0705 | 0.0181 | 3.3600e-003 | 0.0215 | | 294.2791 | 294.2791 | 0.0167 | | 294.6961 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0647 | 0.0343 | 0.4898 | 1.2000e-003 | 0.1141 | 7.9000e-004 | 0.1149 | 0.0303 | 7.3000e-004 | 0.0310 | | 119.0269 | 119.0269 | 3.4100e-003 | | 119.1122 |
| Total | 0.0910 | 0.9962 | 0.7093 | 3.9500e-003 | 0.1811 | 4.3100e-003 | 0.1854 | 0.0484 | 4.0900e-003 | 0.0525 | | 413.3060 | 413.3060 | 0.0201 | | 413.8083 |

3.2 Demolition - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 0.7825 | 0.0000 | 0.7825 | 0.1185 | 0.0000 | 0.1185 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.1651 | 31.4407 | 21.5650 | 0.0388 | | 1.5513 | 1.5513 | | 1.4411 | 1.4411 | | 3,747.9449 | 3,747.9449 | 1.0549 | | 3,774.3174 |
| Total | 3.1651 | 31.4407 | 21.5650 | 0.0388 | 0.7825 | 1.5513 | 2.3339 | 0.1185 | 1.4411 | 1.5596 | | 3,747.9449 | 3,747.9449 | 1.0549 | | 3,774.3174 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.2 Demolition - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0244 | 0.8847 | 0.2035 | 2.7100e-003 | 0.3763 | 3.0900e-003 | 0.3794 | 0.0941 | 2.9600e-003 | 0.0970 | | 290.8768 | 290.8768 | 0.0164 | | 291.2859 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0601 | 0.0308 | 0.4487 | 1.1500e-003 | 0.1141 | 7.7000e-004 | 0.1149 | 0.0303 | 7.1000e-004 | 0.0310 | | 114.9719 | 114.9719 | 3.0600e-003 | | 115.0483 |
| Total | 0.0845 | 0.9155 | 0.6523 | 3.8600e-003 | 0.4904 | 3.8600e-003 | 0.4943 | 0.1243 | 3.6700e-003 | 0.1280 | | 405.8487 | 405.8487 | 0.0194 | | 406.3343 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 0.7825 | 0.0000 | 0.7825 | 0.1185 | 0.0000 | 0.1185 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.1651 | 31.4407 | 21.5650 | 0.0388 | | 1.5513 | 1.5513 | | 1.4411 | 1.4411 | 0.0000 | 3,747.9449 | 3,747.9449 | 1.0549 | | 3,774.3174 |
| Total | 3.1651 | 31.4407 | 21.5650 | 0.0388 | 0.7825 | 1.5513 | 2.3339 | 0.1185 | 1.4411 | 1.5596 | 0.0000 | 3,747.9449 | 3,747.9449 | 1.0549 | | 3,774.3174 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.2 Demolition - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0244 | 0.8847 | 0.2035 | 2.7100e-003 | 0.3763 | 3.0900e-003 | 0.3794 | 0.0941 | 2.9600e-003 | 0.0970 | | 290.8768 | 290.8768 | 0.0164 | | 291.2859 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0601 | 0.0308 | 0.4487 | 1.1500e-003 | 0.1141 | 7.7000e-004 | 0.1149 | 0.0303 | 7.1000e-004 | 0.0310 | | 114.9719 | 114.9719 | 3.0600e-003 | | 115.0483 |
| Total | 0.0845 | 0.9155 | 0.6523 | 3.8600e-003 | 0.4904 | 3.8600e-003 | 0.4943 | 0.1243 | 3.6700e-003 | 0.1280 | | 405.8487 | 405.8487 | 0.0194 | | 406.3343 |

3.3 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 18.0663 | 0.0000 | 18.0663 | 9.9307 | 0.0000 | 9.9307 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.8882 | 40.4971 | 21.1543 | 0.0380 | | 2.0445 | 2.0445 | | 1.8809 | 1.8809 | | 3,685.6569 | 3,685.6569 | 1.1920 | | 3,715.4573 |
| Total | 3.8882 | 40.4971 | 21.1543 | 0.0380 | 18.0663 | 2.0445 | 20.1107 | 9.9307 | 1.8809 | 11.8116 | | 3,685.6569 | 3,685.6569 | 1.1920 | | 3,715.4573 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.3 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0721 | 0.0369 | 0.5385 | 1.3900e-003 | 0.1369 | 9.2000e-004 | 0.1379 | 0.0363 | 8.5000e-004 | 0.0372 | | 137.9662 | 137.9662 | 3.6700e-003 | | 138.0580 |
| Total | 0.0721 | 0.0369 | 0.5385 | 1.3900e-003 | 0.1369 | 9.2000e-004 | 0.1379 | 0.0363 | 8.5000e-004 | 0.0372 | | 137.9662 | 137.9662 | 3.6700e-003 | | 138.0580 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 18.0663 | 0.0000 | 18.0663 | 9.9307 | 0.0000 | 9.9307 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.8882 | 40.4971 | 21.1543 | 0.0380 | | 2.0445 | 2.0445 | | 1.8809 | 1.8809 | 0.0000 | 3,685.6569 | 3,685.6569 | 1.1920 | | 3,715.4573 |
| Total | 3.8882 | 40.4971 | 21.1543 | 0.0380 | 18.0663 | 2.0445 | 20.1107 | 9.9307 | 1.8809 | 11.8116 | 0.0000 | 3,685.6569 | 3,685.6569 | 1.1920 | | 3,715.4573 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.3 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0721 | 0.0369 | 0.5385 | 1.3900e-003 | 0.1369 | 9.2000e-004 | 0.1379 | 0.0363 | 8.5000e-004 | 0.0372 | | 137.9662 | 137.9662 | 3.6700e-003 | | 138.0580 |
| Total | 0.0721 | 0.0369 | 0.5385 | 1.3900e-003 | 0.1369 | 9.2000e-004 | 0.1379 | 0.0363 | 8.5000e-004 | 0.0372 | | 137.9662 | 137.9662 | 3.6700e-003 | | 138.0580 |

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 4.1912 | 46.3998 | 30.8785 | 0.0620 | | 1.9853 | 1.9853 | | 1.8265 | 1.8265 | | 6,007.0434 | 6,007.0434 | 1.9428 | | 6,055.6134 |
| Total | 4.1912 | 46.3998 | 30.8785 | 0.0620 | 8.6733 | 1.9853 | 10.6587 | 3.5965 | 1.8265 | 5.4230 | | 6,007.0434 | 6,007.0434 | 1.9428 | | 6,055.6134 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0802 | 0.0410 | 0.5983 | 1.5400e-003 | 0.1521 | 1.0300e-003 | 0.1532 | 0.0404 | 9.5000e-004 | 0.0413 | | 153.2958 | 153.2958 | 4.0800e-003 | | 153.3978 |
| Total | 0.0802 | 0.0410 | 0.5983 | 1.5400e-003 | 0.1521 | 1.0300e-003 | 0.1532 | 0.0404 | 9.5000e-004 | 0.0413 | | 153.2958 | 153.2958 | 4.0800e-003 | | 153.3978 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 4.1912 | 46.3998 | 30.8785 | 0.0620 | | 1.9853 | 1.9853 | | 1.8265 | 1.8265 | 0.0000 | 6,007.0434 | 6,007.0434 | 1.9428 | | 6,055.6134 |
| Total | 4.1912 | 46.3998 | 30.8785 | 0.0620 | 8.6733 | 1.9853 | 10.6587 | 3.5965 | 1.8265 | 5.4230 | 0.0000 | 6,007.0434 | 6,007.0434 | 1.9428 | | 6,055.6134 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0802 | 0.0410 | 0.5983 | 1.5400e-003 | 0.1521 | 1.0300e-003 | 0.1532 | 0.0404 | 9.5000e-004 | 0.0413 | | 153.2958 | 153.2958 | 4.0800e-003 | | 153.3978 |
| Total | 0.0802 | 0.0410 | 0.5983 | 1.5400e-003 | 0.1521 | 1.0300e-003 | 0.1532 | 0.0404 | 9.5000e-004 | 0.0413 | | 153.2958 | 153.2958 | 4.0800e-003 | | 153.3978 |

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.6248 | 38.8435 | 29.0415 | 0.0621 | | 1.6349 | 1.6349 | | 1.5041 | 1.5041 | | 6,011.4105 | 6,011.4105 | 1.9442 | | 6,060.0158 |
| Total | 3.6248 | 38.8435 | 29.0415 | 0.0621 | 8.6733 | 1.6349 | 10.3082 | 3.5965 | 1.5041 | 5.1006 | | 6,011.4105 | 6,011.4105 | 1.9442 | | 6,060.0158 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0748 | 0.0369 | 0.5510 | 1.4800e-003 | 0.1521 | 1.0000e-003 | 0.1531 | 0.0404 | 9.2000e-004 | 0.0413 | | 147.7983 | 147.7983 | 3.6700e-003 | | 147.8899 |
| Total | 0.0748 | 0.0369 | 0.5510 | 1.4800e-003 | 0.1521 | 1.0000e-003 | 0.1531 | 0.0404 | 9.2000e-004 | 0.0413 | | 147.7983 | 147.7983 | 3.6700e-003 | | 147.8899 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.6248 | 38.8435 | 29.0415 | 0.0621 | | 1.6349 | 1.6349 | | 1.5041 | 1.5041 | 0.0000 | 6,011.4105 | 6,011.4105 | 1.9442 | | 6,060.0158 |
| Total | 3.6248 | 38.8435 | 29.0415 | 0.0621 | 8.6733 | 1.6349 | 10.3082 | 3.5965 | 1.5041 | 5.1006 | 0.0000 | 6,011.4105 | 6,011.4105 | 1.9442 | | 6,060.0158 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0748 | 0.0369 | 0.5510 | 1.4800e-003 | 0.1521 | 1.0000e-003 | 0.1531 | 0.0404 | 9.2000e-004 | 0.0413 | | 147.7983 | 147.7983 | 3.6700e-003 | | 147.8899 |
| Total | 0.0748 | 0.0369 | 0.5510 | 1.4800e-003 | 0.1521 | 1.0000e-003 | 0.1531 | 0.0404 | 9.2000e-004 | 0.0413 | | 147.7983 | 147.7983 | 3.6700e-003 | | 147.8899 |

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.3217 | 34.5156 | 28.0512 | 0.0621 | | 1.4245 | 1.4245 | | 1.3105 | 1.3105 | | 6,011.4777 | 6,011.4777 | 1.9442 | | 6,060.0836 |
| Total | 3.3217 | 34.5156 | 28.0512 | 0.0621 | 8.6733 | 1.4245 | 10.0978 | 3.5965 | 1.3105 | 4.9070 | | 6,011.4777 | 6,011.4777 | 1.9442 | | 6,060.0836 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0699 | 0.0332 | 0.5072 | 1.4300e-003 | 0.1521 | 9.8000e-004 | 0.1531 | 0.0404 | 9.0000e-004 | 0.0413 | | 142.2416 | 142.2416 | 3.2900e-003 | | 142.3238 |
| Total | 0.0699 | 0.0332 | 0.5072 | 1.4300e-003 | 0.1521 | 9.8000e-004 | 0.1531 | 0.0404 | 9.0000e-004 | 0.0413 | | 142.2416 | 142.2416 | 3.2900e-003 | | 142.3238 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.3217 | 34.5156 | 28.0512 | 0.0621 | | 1.4245 | 1.4245 | | 1.3105 | 1.3105 | 0.0000 | 6,011.4777 | 6,011.4777 | 1.9442 | | 6,060.0836 |
| Total | 3.3217 | 34.5156 | 28.0512 | 0.0621 | 8.6733 | 1.4245 | 10.0978 | 3.5965 | 1.3105 | 4.9070 | 0.0000 | 6,011.4777 | 6,011.4777 | 1.9442 | | 6,060.0836 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.4 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0699 | 0.0332 | 0.5072 | 1.4300e-003 | 0.1521 | 9.8000e-004 | 0.1531 | 0.0404 | 9.0000e-004 | 0.0413 | | 142.2416 | 142.2416 | 3.2900e-003 | | 142.3238 |
| Total | 0.0699 | 0.0332 | 0.5072 | 1.4300e-003 | 0.1521 | 9.8000e-004 | 0.1531 | 0.0404 | 9.0000e-004 | 0.0413 | | 142.2416 | 142.2416 | 3.2900e-003 | | 142.3238 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.5728 | 14.3849 | 16.2440 | 0.0269 | | 0.6997 | 0.6997 | | 0.6584 | 0.6584 | | 2,555.2099 | 2,555.2099 | 0.6079 | | 2,570.4061 |
| Total | 1.5728 | 14.3849 | 16.2440 | 0.0269 | | 0.6997 | 0.6997 | | 0.6584 | 0.6584 | | 2,555.2099 | 2,555.2099 | 0.6079 | | 2,570.4061 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.6919 | 96.2269 | 24.9032 | 0.2849 | 7.1468 | 0.1352 | 7.2821 | 2.0564 | 0.1293 | 2.1857 | | 30,222.5811 | 30,222.5811 | 1.4809 | | 30,259.6023 |
| Worker | 18.2073 | 8.6487 | 132.0410 | 0.3718 | 39.6096 | 0.2541 | 39.8637 | 10.5068 | 0.2340 | 10.7409 | | 37,032.6119 | 37,032.6119 | 0.8557 | | 37,054.0046 |
| Total | 20.8992 | 104.8756 | 156.9441 | 0.6566 | 46.7565 | 0.3893 | 47.1457 | 12.5632 | 0.3633 | 12.9265 | | 67,255.1929 | 67,255.1929 | 2.3366 | | 67,313.6070 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.5728 | 14.3849 | 16.2440 | 0.0269 | | 0.6997 | 0.6997 | | 0.6584 | 0.6584 | 0.0000 | 2,555.2099 | 2,555.2099 | 0.6079 | | 2,570.4061 |
| Total | 1.5728 | 14.3849 | 16.2440 | 0.0269 | | 0.6997 | 0.6997 | | 0.6584 | 0.6584 | 0.0000 | 2,555.2099 | 2,555.2099 | 0.6079 | | 2,570.4061 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.6919 | 96.2269 | 24.9032 | 0.2849 | 7.1468 | 0.1352 | 7.2821 | 2.0564 | 0.1293 | 2.1857 | | 30,222.5811 | 30,222.5811 | 1.4809 | | 30,259.6023 |
| Worker | 18.2073 | 8.6487 | 132.0410 | 0.3718 | 39.6096 | 0.2541 | 39.8637 | 10.5068 | 0.2340 | 10.7409 | | 37,032.6119 | 37,032.6119 | 0.8557 | | 37,054.0046 |
| Total | 20.8992 | 104.8756 | 156.9441 | 0.6566 | 46.7565 | 0.3893 | 47.1457 | 12.5632 | 0.3633 | 12.9265 | | 67,255.1929 | 67,255.1929 | 2.3366 | | 67,313.6070 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.4716 | 13.4438 | 16.1668 | 0.0270 | | 0.6133 | 0.6133 | | 0.5769 | 0.5769 | | 2,555.6989 | 2,555.6989 | 0.6044 | | 2,570.8077 |
| Total | 1.4716 | 13.4438 | 16.1668 | 0.0270 | | 0.6133 | 0.6133 | | 0.5769 | 0.5769 | | 2,555.6989 | 2,555.6989 | 0.6044 | | 2,570.8077 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.5650 | 94.4237 | 23.2769 | 0.2830 | 7.1462 | 0.1286 | 7.2748 | 2.0562 | 0.1230 | 2.1791 | | 30,045.88 59 | 30,045.88 59 | 1.4627 | | 30,082.45 29 |
| Worker | 17.0973 | 7.8195 | 122.4894 | 0.3572 | 39.6096 | 0.2485 | 39.8581 | 10.5068 | 0.2288 | 10.7356 | | 35,591.14 79 | 35,591.14 79 | 0.7719 | | 35,610.44 64 |
| Total | 19.6622 | 102.2432 | 145.7663 | 0.6402 | 46.7558 | 0.3771 | 47.1329 | 12.5630 | 0.3518 | 12.9148 | | 65,637.03 38 | 65,637.03 38 | 2.2346 | | 65,692.89 93 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.4716 | 13.4438 | 16.1668 | 0.0270 | | 0.6133 | 0.6133 | | 0.5769 | 0.5769 | 0.0000 | 2,555.698 9 | 2,555.698 9 | 0.6044 | | 2,570.807 7 |
| Total | 1.4716 | 13.4438 | 16.1668 | 0.0270 | | 0.6133 | 0.6133 | | 0.5769 | 0.5769 | 0.0000 | 2,555.698 9 | 2,555.698 9 | 0.6044 | | 2,570.807 7 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.5650 | 94.4237 | 23.2769 | 0.2830 | 7.1462 | 0.1286 | 7.2748 | 2.0562 | 0.1230 | 2.1791 | | 30,045.88 59 | 30,045.88 59 | 1.4627 | | 30,082.45 29 |
| Worker | 17.0973 | 7.8195 | 122.4894 | 0.3572 | 39.6096 | 0.2485 | 39.8581 | 10.5068 | 0.2288 | 10.7356 | | 35,591.14 79 | 35,591.14 79 | 0.7719 | | 35,610.44 64 |
| Total | 19.6622 | 102.2432 | 145.7663 | 0.6402 | 46.7558 | 0.3771 | 47.1329 | 12.5630 | 0.3518 | 12.9148 | | 65,637.03 38 | 65,637.03 38 | 2.2346 | | 65,692.89 93 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.4600 | 92.7018 | 22.0403 | 0.2813 | 7.1455 | 0.1222 | 7.2678 | 2.0559 | 0.1169 | 2.1728 | | 29,874.84 90 | 29,874.84 90 | 1.4455 | | 29,910.98 62 |
| Worker | 16.1295 | 7.1026 | 113.6130 | 0.3428 | 39.6096 | 0.2439 | 39.8535 | 10.5068 | 0.2245 | 10.7313 | | 34,164.33 24 | 34,164.33 24 | 0.6998 | | 34,181.82 83 |
| Total | 18.5895 | 99.8043 | 135.6533 | 0.6241 | 46.7551 | 0.3661 | 47.1212 | 12.5628 | 0.3414 | 12.9041 | | 64,039.18 13 | 64,039.18 13 | 2.1453 | | 64,092.81 45 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.4600 | 92.7018 | 22.0403 | 0.2813 | 7.1455 | 0.1222 | 7.2678 | 2.0559 | 0.1169 | 2.1728 | | 29,874.84 90 | 29,874.84 90 | 1.4455 | | 29,910.98 62 |
| Worker | 16.1295 | 7.1026 | 113.6130 | 0.3428 | 39.6096 | 0.2439 | 39.8535 | 10.5068 | 0.2245 | 10.7313 | | 34,164.33 24 | 34,164.33 24 | 0.6998 | | 34,181.82 83 |
| Total | 18.5895 | 99.8043 | 135.6533 | 0.6241 | 46.7551 | 0.3661 | 47.1212 | 12.5628 | 0.3414 | 12.9041 | | 64,039.18 13 | 64,039.18 13 | 2.1453 | | 64,092.81 45 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.3674 | 91.0634 | 21.0371 | 0.2796 | 7.1450 | 0.1158 | 7.2608 | 2.0557 | 0.1108 | 2.1665 | | 29,712.2131 | 29,712.2131 | 1.4299 | | 29,747.9602 |
| Worker | 15.2678 | 6.4900 | 105.9011 | 0.3300 | 39.6096 | 0.2367 | 39.8463 | 10.5068 | 0.2179 | 10.7247 | | 32,894.4105 | 32,894.4105 | 0.6374 | | 32,910.3449 |
| Total | 17.6353 | 97.5534 | 126.9383 | 0.6096 | 46.7546 | 0.3525 | 47.1071 | 12.5625 | 0.3287 | 12.8912 | | 62,606.6235 | 62,606.6235 | 2.0673 | | 62,658.3051 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.3674 | 91.0634 | 21.0371 | 0.2796 | 7.1450 | 0.1158 | 7.2608 | 2.0557 | 0.1108 | 2.1665 | | 29,712.2131 | 29,712.2131 | 1.4299 | | 29,747.9602 |
| Worker | 15.2678 | 6.4900 | 105.9011 | 0.3300 | 39.6096 | 0.2367 | 39.8463 | 10.5068 | 0.2179 | 10.7247 | | 32,894.4105 | 32,894.4105 | 0.6374 | | 32,910.3449 |
| Total | 17.6353 | 97.5534 | 126.9383 | 0.6096 | 46.7546 | 0.3525 | 47.1071 | 12.5625 | 0.3287 | 12.8912 | | 62,606.6235 | 62,606.6235 | 2.0673 | | 62,658.3051 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.2860 | 89.5580 | 20.1654 | 0.2781 | 7.1445 | 0.1104 | 7.2549 | 2.0555 | 0.1056 | 2.1611 | | 29,559.33 20 | 29,559.33 20 | 1.4147 | | 29,594.69 88 |
| Worker | 14.4273 | 5.9401 | 98.9441 | 0.3186 | 39.6096 | 0.2251 | 39.8347 | 10.5068 | 0.2071 | 10.7140 | | 31,759.114 3 | 31,759.114 3 | 0.5810 | | 31,773.63 99 |
| Total | 16.7133 | 95.4981 | 119.1095 | 0.5967 | 46.7541 | 0.3355 | 47.0896 | 12.5624 | 0.3127 | 12.8751 | | 61,318.44 63 | 61,318.44 63 | 1.9957 | | 61,368.33 87 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.2860 | 89.5580 | 20.1654 | 0.2781 | 7.1445 | 0.1104 | 7.2549 | 2.0555 | 0.1056 | 2.1611 | | 29,559.33 20 | 29,559.33 20 | 1.4147 | | 29,594.69 88 |
| Worker | 14.4273 | 5.9401 | 98.9441 | 0.3186 | 39.6096 | 0.2251 | 39.8347 | 10.5068 | 0.2071 | 10.7140 | | 31,759.11 43 | 31,759.114 3 | 0.5810 | | 31,773.63 99 |
| Total | 16.7133 | 95.4981 | 119.1095 | 0.5967 | 46.7541 | 0.3355 | 47.0896 | 12.5624 | 0.3127 | 12.8751 | | 61,318.44 63 | 61,318.44 63 | 1.9957 | | 61,368.33 87 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.2142 | 88.2700 | 19.4314 | 0.2768 | 7.1441 | 0.1057 | 7.2497 | 2.0554 | 0.1010 | 2.1564 | | 29,428.53 17 | 29,428.53 17 | 1.3993 | | 29,463.51 46 |
| Worker | 13.5704 | 5.4520 | 92.8095 | 0.3084 | 39.6096 | 0.2100 | 39.8197 | 10.5068 | 0.1933 | 10.7001 | | 30,752.23 19 | 30,752.23 19 | 0.5325 | | 30,765.54 45 |
| Total | 15.7846 | 93.7220 | 112.2409 | 0.5852 | 46.7537 | 0.3157 | 47.0694 | 12.5622 | 0.2943 | 12.8565 | | 60,180.76 35 | 60,180.76 35 | 1.9318 | | 60,229.05 90 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.2142 | 88.2700 | 19.4314 | 0.2768 | 7.1441 | 0.1057 | 7.2497 | 2.0554 | 0.1010 | 2.1564 | | 29,428.53 17 | 29,428.53 17 | 1.3993 | | 29,463.51 46 |
| Worker | 13.5704 | 5.4520 | 92.8095 | 0.3084 | 39.6096 | 0.2100 | 39.8197 | 10.5068 | 0.1933 | 10.7001 | | 30,752.23 19 | 30,752.23 19 | 0.5325 | | 30,765.54 45 |
| Total | 15.7846 | 93.7220 | 112.2409 | 0.5852 | 46.7537 | 0.3157 | 47.0694 | 12.5622 | 0.2943 | 12.8565 | | 60,180.76 35 | 60,180.76 35 | 1.9318 | | 60,229.05 90 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.1493 | 87.0431 | 18.8196 | 0.2756 | 7.1437 | 0.1008 | 7.2445 | 2.0552 | 0.0964 | 2.1516 | | 29,309.48 85 | 29,309.48 85 | 1.3840 | | 29,344.08 90 |
| Worker | 12.6400 | 4.9975 | 86.9346 | 0.2994 | 39.6096 | 0.1956 | 39.8053 | 10.5068 | 0.1800 | 10.6868 | | 29,860.97 93 | 29,860.97 93 | 0.4863 | | 29,873.13 72 |
| Total | 14.7894 | 92.0405 | 105.7541 | 0.5750 | 46.7533 | 0.2965 | 47.0498 | 12.5621 | 0.2764 | 12.8385 | | 59,170.46 78 | 59,170.46 78 | 1.8703 | | 59,217.22 62 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.1493 | 87.0431 | 18.8196 | 0.2756 | 7.1437 | 0.1008 | 7.2445 | 2.0552 | 0.0964 | 2.1516 | | 29,309.48 85 | 29,309.48 85 | 1.3840 | | 29,344.08 90 |
| Worker | 12.6400 | 4.9975 | 86.9346 | 0.2994 | 39.6096 | 0.1956 | 39.8053 | 10.5068 | 0.1800 | 10.6868 | | 29,860.97 93 | 29,860.97 93 | 0.4863 | | 29,873.13 72 |
| Total | 14.7894 | 92.0405 | 105.7541 | 0.5750 | 46.7533 | 0.2965 | 47.0498 | 12.5621 | 0.2764 | 12.8385 | | 59,170.46 78 | 59,170.46 78 | 1.8703 | | 59,217.22 62 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.546 8 | 2,897.546 8 | 0.1162 | | 2,900.452 9 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.546 8 | 2,897.546 8 | 0.1162 | | 2,900.452 9 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.0910 | 85.8946 | 18.3174 | 0.2745 | 7.1433 | 0.0959 | 7.2393 | 2.0551 | 0.0917 | 2.1468 | | 29,203.4112 | 29,203.4112 | 1.3682 | | 29,237.6150 |
| Worker | 11.7378 | 4.5873 | 81.6563 | 0.2915 | 39.6096 | 0.1822 | 39.7919 | 10.5068 | 0.1677 | 10.6745 | | 29,076.5183 | 29,076.5183 | 0.4453 | | 29,087.6499 |
| Total | 13.8288 | 90.4820 | 99.9736 | 0.5660 | 46.7529 | 0.2782 | 47.0311 | 12.5619 | 0.2594 | 12.8213 | | 58,279.9295 | 58,279.9295 | 1.8134 | | 58,325.2649 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.0910 | 85.8946 | 18.3174 | 0.2745 | 7.1433 | 0.0959 | 7.2393 | 2.0551 | 0.0917 | 2.1468 | | 29,203.412 | 29,203.4112 | 1.3682 | | 29,237.6150 |
| Worker | 11.7378 | 4.5873 | 81.6563 | 0.2915 | 39.6096 | 0.1822 | 39.7919 | 10.5068 | 0.1677 | 10.6745 | | 29,076.5183 | 29,076.5183 | 0.4453 | | 29,087.6499 |
| Total | 13.8288 | 90.4820 | 99.9736 | 0.5660 | 46.7529 | 0.2782 | 47.0311 | 12.5619 | 0.2594 | 12.8213 | | 58,279.9295 | 58,279.9295 | 1.8134 | | 58,325.2649 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.0415 | 84.8515 | 17.9069 | 0.2736 | 7.1431 | 0.0916 | 7.2346 | 2.0550 | 0.0875 | 2.1426 | | 29,113.3521 | 29,113.3521 | 1.3545 | | 29,147.2134 |
| Worker | 10.7871 | 4.2008 | 76.6390 | 0.2846 | 39.6096 | 0.1695 | 39.7791 | 10.5068 | 0.1559 | 10.6628 | | 28,389.0747 | 28,389.0747 | 0.4069 | | 28,399.2466 |
| Total | 12.8286 | 89.0523 | 94.5459 | 0.5582 | 46.7527 | 0.2611 | 47.0138 | 12.5618 | 0.2435 | 12.8053 | | 57,502.4269 | 57,502.4269 | 1.7613 | | 57,546.4600 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.0415 | 84.8515 | 17.9069 | 0.2736 | 7.1431 | 0.0916 | 7.2346 | 2.0550 | 0.0875 | 2.1426 | | 29,113.3521 | 29,113.3521 | 1.3545 | | 29,147.2134 |
| Worker | 10.7871 | 4.2008 | 76.6390 | 0.2846 | 39.6096 | 0.1695 | 39.7791 | 10.5068 | 0.1559 | 10.6628 | | 28,389.0747 | 28,389.0747 | 0.4069 | | 28,399.2466 |
| Total | 12.8286 | 89.0523 | 94.5459 | 0.5582 | 46.7527 | 0.2611 | 47.0138 | 12.5618 | 0.2435 | 12.8053 | | 57,502.4269 | 57,502.4269 | 1.7613 | | 57,546.4600 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.0003 | 83.8808 | 17.5821 | 0.2729 | 7.1428 | 0.0880 | 7.2308 | 2.0549 | 0.0842 | 2.1391 | | 29,039.9275 | 29,039.9275 | 1.3424 | | 29,073.4867 |
| Worker | 9.9332 | 3.8672 | 72.2180 | 0.2785 | 39.6096 | 0.1577 | 39.7673 | 10.5068 | 0.1451 | 10.6519 | | 27,790.7086 | 27,790.7086 | 0.3735 | | 27,800.0452 |
| Total | 11.9335 | 87.7480 | 89.8001 | 0.5514 | 46.7524 | 0.2457 | 46.9981 | 12.5617 | 0.2292 | 12.7910 | | 56,830.6361 | 56,830.6361 | 1.7158 | | 56,873.5319 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.0003 | 83.8808 | 17.5821 | 0.2729 | 7.1428 | 0.0880 | 7.2308 | 2.0549 | 0.0842 | 2.1391 | | 29,039.9275 | 29,039.9275 | 1.3424 | | 29,073.4867 |
| Worker | 9.9332 | 3.8672 | 72.2180 | 0.2785 | 39.6096 | 0.1577 | 39.7673 | 10.5068 | 0.1451 | 10.6519 | | 27,790.7086 | 27,790.7086 | 0.3735 | | 27,800.0452 |
| Total | 11.9335 | 87.7480 | 89.8001 | 0.5514 | 46.7524 | 0.2457 | 46.9981 | 12.5617 | 0.2292 | 12.7910 | | 56,830.6361 | 56,830.6361 | 1.7158 | | 56,873.5319 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9655 | 83.0189 | 17.3066 | 0.2723 | 7.1426 | 0.0850 | 7.2276 | 2.0549 | 0.0813 | 2.1361 | | 28,975.9678 | 28,975.9678 | 1.3317 | | 29,009.2598 |
| Worker | 9.2326 | 3.5934 | 68.4882 | 0.2733 | 39.6096 | 0.1471 | 39.7567 | 10.5068 | 0.1353 | 10.6421 | | 27,274.8129 | 27,274.8129 | 0.3456 | | 27,283.4538 |
| Total | 11.1980 | 86.6123 | 85.7949 | 0.5456 | 46.7522 | 0.2321 | 46.9843 | 12.5617 | 0.2166 | 12.7783 | | 56,250.7807 | 56,250.7807 | 1.6773 | | 56,292.7135 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9655 | 83.0189 | 17.3066 | 0.2723 | 7.1426 | 0.0850 | 7.2276 | 2.0549 | 0.0813 | 2.1361 | | 28,975.9678 | 28,975.9678 | 1.3317 | | 29,009.2598 |
| Worker | 9.2326 | 3.5934 | 68.4882 | 0.2733 | 39.6096 | 0.1471 | 39.7567 | 10.5068 | 0.1353 | 10.6421 | | 27,274.8129 | 27,274.8129 | 0.3456 | | 27,283.4538 |
| Total | 11.1980 | 86.6123 | 85.7949 | 0.5456 | 46.7522 | 0.2321 | 46.9843 | 12.5617 | 0.2166 | 12.7783 | | 56,250.7807 | 56,250.7807 | 1.6773 | | 56,292.7135 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9333 | 82.2208 | 17.0558 | 0.2717 | 7.1424 | 0.0821 | 7.2245 | 2.0548 | 0.0785 | 2.1333 | | 28,922.54 57 | 28,922.54 57 | 1.3217 | | 28,955.58 75 |
| Worker | 8.5994 | 3.3595 | 64.9603 | 0.2688 | 39.6096 | 0.1372 | 39.7468 | 10.5068 | 0.1262 | 10.6330 | | 26,829.18 53 | 26,829.18 53 | 0.3197 | | 26,837.17 72 |
| Total | 10.5327 | 85.5803 | 82.0161 | 0.5405 | 46.7520 | 0.2193 | 46.9713 | 12.5616 | 0.2047 | 12.7663 | | 55,751.73 10 | 55,751.73 10 | 1.6414 | | 55,792.76 47 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1162 | | 2,900.452 9 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1162 | | 2,900.452 9 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9333 | 82.2208 | 17.0558 | 0.2717 | 7.1424 | 0.0821 | 7.2245 | 2.0548 | 0.0785 | 2.1333 | | 28,922.54 57 | 28,922.54 57 | 1.3217 | | 28,955.58 75 |
| Worker | 8.5994 | 3.3595 | 64.9603 | 0.2688 | 39.6096 | 0.1372 | 39.7468 | 10.5068 | 0.1262 | 10.6330 | | 26,829.18 53 | 26,829.18 53 | 0.3197 | | 26,837.17 72 |
| Total | 10.5327 | 85.5803 | 82.0161 | 0.5405 | 46.7520 | 0.2193 | 46.9713 | 12.5616 | 0.2047 | 12.7663 | | 55,751.73 10 | 55,751.73 10 | 1.6414 | | 55,792.76 47 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.69 55 | 28,878.69 55 | 1.3123 | | 28,911.503 4 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.12 62 | 26,450.12 62 | 0.2977 | | 26,457.56 83 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.82 17 | 55,328.82 17 | 1.6100 | | 55,369.07 17 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.6955 | 28,878.6955 | 1.3123 | | 28,911.5034 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.1262 | 26,450.1262 | 0.2977 | | 26,457.5683 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.8217 | 55,328.8217 | 1.6100 | | 55,369.0717 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.6955 | 28,878.6955 | 1.3123 | | 28,911.5034 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.1262 | 26,450.1262 | 0.2977 | | 26,457.5683 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.8217 | 55,328.8217 | 1.6100 | | 55,369.0717 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.69 55 | 28,878.69 55 | 1.3123 | | 28,911.503 4 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.12 62 | 26,450.12 62 | 0.2977 | | 26,457.56 83 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.82 17 | 55,328.82 17 | 1.6100 | | 55,369.07 17 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.6955 | 28,878.6955 | 1.3123 | | 28,911.5034 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.1262 | 26,450.1262 | 0.2977 | | 26,457.5683 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.8217 | 55,328.8217 | 1.6100 | | 55,369.0717 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1079 | | 2,900.2448 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.69 55 | 28,878.69 55 | 1.3123 | | 28,911.503 4 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.12 62 | 26,450.12 62 | 0.2977 | | 26,457.56 83 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.82 17 | 55,328.82 17 | 1.6100 | | 55,369.07 17 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.69 55 | 28,878.69 55 | 1.3123 | | 28,911.50 34 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.12 62 | 26,450.12 62 | 0.2977 | | 26,457.56 83 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.82 17 | 55,328.82 17 | 1.6100 | | 55,369.07 17 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.69 55 | 28,878.69 55 | 1.3123 | | 28,911.503 4 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.12 62 | 26,450.12 62 | 0.2977 | | 26,457.56 83 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.82 17 | 55,328.82 17 | 1.6100 | | 55,369.07 17 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.69 55 | 28,878.69 55 | 1.3123 | | 28,911.503 4 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.12 62 | 26,450.12 62 | 0.2977 | | 26,457.56 83 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.82 17 | 55,328.82 17 | 1.6100 | | 55,369.07 17 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |
| Total | 1.2168 | 7.1613 | 16.1178 | 0.0310 | | 0.0904 | 0.0904 | | 0.0904 | 0.0904 | 0.0000 | 2,897.546 8 | 2,897.546 8 | 0.1079 | | 2,900.244 8 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.9047 | 81.5146 | 16.8455 | 0.2713 | 7.1423 | 0.0796 | 7.2219 | 2.0547 | 0.0761 | 2.1308 | | 28,878.69 55 | 28,878.69 55 | 1.3123 | | 28,911.503 4 |
| Worker | 8.0513 | 3.1767 | 61.9398 | 0.2650 | 39.6096 | 0.1284 | 39.7380 | 10.5068 | 0.1181 | 10.6249 | | 26,450.12 62 | 26,450.12 62 | 0.2977 | | 26,457.56 83 |
| Total | 9.9560 | 84.6913 | 78.7854 | 0.5363 | 46.7519 | 0.2079 | 46.9598 | 12.5616 | 0.1941 | 12.7557 | | 55,328.82 17 | 55,328.82 17 | 1.6100 | | 55,369.07 17 |

3.5 Building Construction - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |
| Total | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.8191 | 79.1739 | 16.2195 | 0.2705 | 7.1417 | 0.0738 | 7.2155 | 2.0545 | 0.0705 | 2.1250 | | 28,798.40 52 | 28,798.40 52 | 1.2761 | | 28,830.30 76 |
| Worker | 6.0265 | 2.5948 | 52.5826 | 0.2533 | 39.6096 | 0.0984 | 39.7080 | 10.5068 | 0.0905 | 10.5973 | | 25,301.01 37 | 25,301.01 37 | 0.2305 | | 25,306.77 67 |
| Total | 7.8456 | 81.7687 | 68.8021 | 0.5238 | 46.7513 | 0.1721 | 46.9234 | 12.5613 | 0.1610 | 12.7223 | | 54,099.41 89 | 54,099.41 89 | 1.5066 | | 54,137.08 43 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | 0.0000 | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |
| Total | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | 0.0000 | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.8191 | 79.1739 | 16.2195 | 0.2705 | 7.1417 | 0.0738 | 7.2155 | 2.0545 | 0.0705 | 2.1250 | | 28,798.40 52 | 28,798.40 52 | 1.2761 | | 28,830.30 76 |
| Worker | 6.0265 | 2.5948 | 52.5826 | 0.2533 | 39.6096 | 0.0984 | 39.7080 | 10.5068 | 0.0905 | 10.5973 | | 25,301.01 37 | 25,301.01 37 | 0.2305 | | 25,306.77 67 |
| Total | 7.8456 | 81.7687 | 68.8021 | 0.5238 | 46.7513 | 0.1721 | 46.9234 | 12.5613 | 0.1610 | 12.7223 | | 54,099.41 89 | 54,099.41 89 | 1.5066 | | 54,137.08 43 |

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |
| Total | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.8191 | 79.1739 | 16.2195 | 0.2705 | 7.1417 | 0.0738 | 7.2155 | 2.0545 | 0.0705 | 2.1250 | | 28,798.40 52 | 28,798.40 52 | 1.2761 | | 28,830.30 76 |
| Worker | 6.0265 | 2.5948 | 52.5826 | 0.2533 | 39.6096 | 0.0984 | 39.7080 | 10.5068 | 0.0905 | 10.5973 | | 25,301.01 37 | 25,301.01 37 | 0.2305 | | 25,306.77 67 |
| Total | 7.8456 | 81.7687 | 68.8021 | 0.5238 | 46.7513 | 0.1721 | 46.9234 | 12.5613 | 0.1610 | 12.7223 | | 54,099.41 89 | 54,099.41 89 | 1.5066 | | 54,137.08 43 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | 0.0000 | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |
| Total | 1.1970 | 6.8903 | 16.1185 | 0.0310 | | 0.0737 | 0.0737 | | 0.0737 | 0.0737 | 0.0000 | 2,897.547 1 | 2,897.547 1 | 0.1041 | | 2,900.150 3 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.8191 | 79.1739 | 16.2195 | 0.2705 | 7.1417 | 0.0738 | 7.2155 | 2.0545 | 0.0705 | 2.1250 | | 28,798.40 52 | 28,798.40 52 | 1.2761 | | 28,830.30 76 |
| Worker | 6.0265 | 2.5948 | 52.5826 | 0.2533 | 39.6096 | 0.0984 | 39.7080 | 10.5068 | 0.0905 | 10.5973 | | 25,301.01 37 | 25,301.01 37 | 0.2305 | | 25,306.77 67 |
| Total | 7.8456 | 81.7687 | 68.8021 | 0.5238 | 46.7513 | 0.1721 | 46.9234 | 12.5613 | 0.1610 | 12.7223 | | 54,099.41 89 | 54,099.41 89 | 1.5066 | | 54,137.08 43 |

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | | 2,656.516 8 | 2,656.516 8 | 0.0893 | | 2,658.748 9 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | | 2,656.516 8 | 2,656.516 8 | 0.0893 | | 2,658.748 9 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |
| Total | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.0893 | | 2,658.7489 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.0893 | | 2,658.7489 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |
| Total | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | | 2,656.5168 | 2,656.5168 | 0.0893 | | 2,658.7489 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | | 2,656.5168 | 2,656.5168 | 0.0893 | | 2,658.7489 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |
| Total | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.0893 | | 2,658.7489 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.0893 | | 2,658.7489 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.6 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |
| Total | 0.0174 | 7.4700e-003 | 0.1515 | 7.3000e-004 | 0.1141 | 2.8000e-004 | 0.1144 | 0.0303 | 2.6000e-004 | 0.0305 | | 72.8856 | 72.8856 | 6.6000e-004 | | 72.9022 |

3.7 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 202.4433 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1149 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |
| Total | 202.5582 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 Architectural Coating - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.4113 |
| Total | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.411 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 202.4433 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1149 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | 0.0000 | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |
| Total | 202.5582 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | 0.0000 | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.4113 |
| Total | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.411 3 |

3.7 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 202.4433 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1149 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |
| Total | 202.5582 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 Architectural Coating - 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.4113 |
| Total | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.411 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Archit. Coating | 202.4433 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1149 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | 0.0000 | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |
| Total | 202.5582 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | 0.0000 | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.4113 |
| Total | 1.2048 | 0.5188 | 10.5125 | 0.0507 | 7.9189 | 0.0197 | 7.9385 | 2.1006 | 0.0181 | 2.1186 | | 5,058.259 1 | 5,058.259 1 | 0.0461 | | 5,059.411 3 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|----------|----------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|--------------|--------------|--------|-----|--------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Mitigated | 46.5717 | 181.3661 | 368.5582 | 1.5749 | 170.3417 | 0.7824 | 171.1241 | 45.4786 | 0.7266 | 46.2052 | | 160,621.2080 | 160,621.2080 | 6.0219 | | 160,771.7547 |
| Unmitigated | 46.7006 | 181.9336 | 372.0580 | 1.5920 | 172.4106 | 0.7899 | 173.2004 | 46.0310 | 0.7335 | 46.7645 | | 162,360.3128 | 162,360.3128 | 6.0713 | | 162,512.0965 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|--------------------------|-------------------------|------------------|------------------|-------------------|-------------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Apartments Low Rise | 10,972.35 | 11,921.40 | 10106.55 | 13,501,464 | 13,339,447 |
| Apartments Mid Rise | 20,515.25 | 19,713.15 | 18078.10 | 34,799,150 | 34,381,560 |
| City Park | 150.26 | 1,808.63 | 1330.83 | 1,025,459 | 1,013,153 |
| Condo/Townhouse | 871.50 | 850.50 | 726.00 | 2,175,327 | 2,149,223 |
| Elementary School | 1,535.29 | 0.00 | 0.00 | 2,306,054 | 2,278,381 |
| General Light Industry | 1,290.84 | 244.46 | 125.94 | 2,696,455 | 2,664,098 |
| Racquet Club | 883.89 | 1,345.05 | 1096.20 | 1,294,152 | 1,278,622 |
| Regional Shopping Center | 10,419.65 | 12,193.68 | 6159.06 | 14,063,079 | 13,894,322 |
| Total | 46,639.03 | 48,076.87 | 37,622.68 | 71,861,140 | 70,998,807 |

4.3 Trip Type Information

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| 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 |
| Apartments Low Rise | 1.10 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| Apartments Mid Rise | 4.47 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| City Park | 10.00 | 5.00 | 6.50 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |
| Condo/Townhouse | 10.00 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| Elementary School | 10.00 | 5.00 | 6.50 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| General Light Industry | 10.00 | 5.00 | 6.50 | 59.00 | 28.00 | 13.00 | 92 | 5 | 3 |
| Racquet Club | 10.00 | 5.00 | 6.50 | 11.50 | 69.50 | 19.00 | 52 | 39 | 9 |
| Regional Shopping Center | 10.00 | 5.00 | 6.50 | 16.30 | 64.70 | 19.00 | 54 | 35 | 11 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments Low Rise | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Apartments Mid Rise | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| City Park | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Condo/Townhouse | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Elementary School | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| General Light Industry | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Racquet Club | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Regional Shopping Center | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|------------------------|--------|---------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|--------|--------|-------------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| NaturalGas Mitigated | 1.7435 | 15.0879 | 7.7261 | 0.0951 | | 1.2046 | 1.2046 | | 1.2046 | 1.2046 | | 19,019.7900 | 19,019.7900 | 0.3646 | 0.3487 | 19,132.8151 |
| NaturalGas Unmitigated | 1.7435 | 15.0879 | 7.7261 | 0.0951 | | 1.2046 | 1.2046 | | 1.2046 | 1.2046 | | 19,019.7900 | 19,019.7900 | 0.3646 | 0.3487 | 19,132.8151 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Apartments Low Rise | 48750.1 | 0.5257 | 4.4927 | 1.9118 | 0.0287 | | 0.3632 | 0.3632 | | 0.3632 | 0.3632 | | 5,735.3076 | 5,735.3076 | 0.1099 | 0.1052 | 5,769.3896 |
| Apartments Mid Rise | 73439.4 | 0.7920 | 6.7679 | 2.8800 | 0.0432 | | 0.5472 | 0.5472 | | 0.5472 | 0.5472 | | 8,639.9241 | 8,639.9241 | 0.1656 | 0.1584 | 8,691.2668 |
| 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 |
| Condo/Townhouse | 7344.5 | 0.0792 | 0.6769 | 0.2880 | 4.3200e-003 | | 0.0547 | 0.0547 | | 0.0547 | 0.0547 | | 864.0586 | 864.0586 | 0.0166 | 0.0158 | 869.1933 |
| Elementary School | 4159.92 | 0.0449 | 0.4078 | 0.3426 | 2.4500e-003 | | 0.0310 | 0.0310 | | 0.0310 | 0.0310 | | 489.4021 | 489.4021 | 9.3800e-003 | 8.9700e-003 | 492.3104 |
| General Light Industry | 18169.9 | 0.1960 | 1.7814 | 1.4963 | 0.0107 | | 0.1354 | 0.1354 | | 0.1354 | 0.1354 | | 2,137.6348 | 2,137.6348 | 0.0410 | 0.0392 | 2,150.3377 |
| Racquet Club | 6180.9 | 0.0667 | 0.6060 | 0.5090 | 3.6400e-003 | | 0.0461 | 0.0461 | | 0.0461 | 0.0461 | | 727.1652 | 727.1652 | 0.0139 | 0.0133 | 731.4864 |
| Regional Shopping Center | 3623.53 | 0.0391 | 0.3553 | 0.2984 | 2.1300e-003 | | 0.0270 | 0.0270 | | 0.0270 | 0.0270 | | 426.2976 | 426.2976 | 8.1700e-003 | 7.8200e-003 | 428.8309 |
| Total | | 1.7435 | 15.0879 | 7.7261 | 0.0951 | | 1.2046 | 1.2046 | | 1.2046 | 1.2046 | | 19,019.7900 | 19,019.7900 | 0.3646 | 0.3487 | 19,132.8151 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Apartments Low Rise | 48.7501 | 0.5257 | 4.4927 | 1.9118 | 0.0287 | | 0.3632 | 0.3632 | | 0.3632 | 0.3632 | | 5,735.3076 | 5,735.3076 | 0.1099 | 0.1052 | 5,769.3896 |
| Apartments Mid Rise | 73.4394 | 0.7920 | 6.7679 | 2.8800 | 0.0432 | | 0.5472 | 0.5472 | | 0.5472 | 0.5472 | | 8,639.9241 | 8,639.9241 | 0.1656 | 0.1584 | 8,691.2668 |
| 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 |
| Condo/Townhouse | 7.3445 | 0.0792 | 0.6769 | 0.2880 | 4.3200e-003 | | 0.0547 | 0.0547 | | 0.0547 | 0.0547 | | 864.0586 | 864.0586 | 0.0166 | 0.0158 | 869.1933 |
| Elementary School | 4.15992 | 0.0449 | 0.4078 | 0.3426 | 2.4500e-003 | | 0.0310 | 0.0310 | | 0.0310 | 0.0310 | | 489.4021 | 489.4021 | 9.3800e-003 | 8.9700e-003 | 492.3104 |
| General Light Industry | 18.1699 | 0.1960 | 1.7814 | 1.4963 | 0.0107 | | 0.1354 | 0.1354 | | 0.1354 | 0.1354 | | 2,137.6348 | 2,137.6348 | 0.0410 | 0.0392 | 2,150.3377 |
| Racquet Club | 6.1809 | 0.0667 | 0.6060 | 0.5090 | 3.6400e-003 | | 0.0461 | 0.0461 | | 0.0461 | 0.0461 | | 727.1652 | 727.1652 | 0.0139 | 0.0133 | 731.4864 |
| Regional Shopping Center | 3.62353 | 0.0391 | 0.3553 | 0.2984 | 2.1300e-003 | | 0.0270 | 0.0270 | | 0.0270 | 0.0270 | | 426.2976 | 426.2976 | 8.1700e-003 | 7.8200e-003 | 428.8309 |
| Total | | 1.7435 | 15.0879 | 7.7261 | 0.0951 | | 1.2046 | 1.2046 | | 1.2046 | 1.2046 | | 19,019.7900 | 19,019.7900 | 0.3646 | 0.3487 | 19,132.8151 |

6.0 Area Detail

6.1 Mitigation Measures Area

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|----------|--------|----------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|----------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Mitigated | 148.0552 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | 0.0000 | 728.0532 | 728.0532 | 0.6933 | 0.0000 | 745.3858 |
| Unmitigated | 148.0552 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | 0.0000 | 728.0532 | 728.0532 | 0.6933 | 0.0000 | 745.3858 |

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 18.3031 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 117.7012 | | | | | 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 | 12.0509 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | | 728.0532 | 728.0532 | 0.6933 | | 745.3858 |
| Total | 148.0552 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | 0.0000 | 728.0532 | 728.0532 | 0.6933 | 0.0000 | 745.3858 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

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 | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 18.3031 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 117.7012 | | | | | 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 | 12.0509 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | | 728.0532 | 728.0532 | 0.6933 | | 745.3858 |
| Total | 148.0552 | 4.6482 | 402.9034 | 0.0214 | | 2.2421 | 2.2421 | | 2.2421 | 2.2421 | 0.0000 | 728.0532 | 728.0532 | 0.6933 | 0.0000 | 745.3858 |

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

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

User Defined Equipment

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

11.0 Vegetation

WBSP AQMP Model Scenarios and Target Achievement Summary

| Existing | Pounds/Day | | | | Tons/Year | | | |
|-------------------|------------|-----|------|-------|-----------|------|------|-------|
| | ROG | NOx | PM10 | PM2.5 | ROG | NOx | PM10 | PM2.5 |
| Area | 44 | 1 | 1 | 1 | 7.9 | 0.1 | 0.1 | 0.1 |
| Energy | 1 | 8 | 1 | 1 | 0.2 | 1.5 | 0.1 | 0.1 |
| Mobile | 10 | 59 | 68 | 18 | 1.6 | 8.4 | 9.6 | 2.6 |
| Operational Total | 55 | 68 | 69 | 19 | 9.7 | 10.0 | 9.7 | 2.8 |

| Future Plan - Default | Pounds/Day | | | | Tons/Year | | | |
|-----------------------|------------|-----|------|-------|-----------|------|------|-------|
| | ROG | NOx | PM10 | PM2.5 | ROG | NOx | PM10 | PM2.5 |
| Area | 148 | 5 | 2 | 2 | 26.3 | 0.6 | 0.3 | 0.3 |
| Energy | 2 | 16 | 1 | 1 | 0.3 | 3.0 | 0.2 | 0.2 |
| Mobile | 51 | 200 | 240 | 65 | 6.4 | 33.2 | 38.1 | 10.3 |
| Operational Total | 201 | 221 | 244 | 68 | 33.0 | 36.7 | 38.6 | 10.8 |

| Future Plan | Pounds/Day | | | | Tons/Year | | | |
|-------------------|------------|-----|------|-------|-----------|------|------|-------|
| | ROG | NOx | PM10 | PM2.5 | ROG | NOx | PM10 | PM2.5 |
| Area | 148 | 5 | 2 | 2 | 26.3 | 0.6 | 0.3 | 0.3 |
| Energy | 2 | 17 | 1 | 1 | 0.4 | 3.0 | 0.2 | 0.2 |
| Mobile | 47 | 181 | 171 | 46 | 5.6 | 29.6 | 26.5 | 7.2 |
| Operational Total | 197 | 203 | 175 | 50 | 32.3 | 33.3 | 27.1 | 7.7 |

| Future Plan w Mit | Pounds/Day | | | | Tons/Year | | | |
|-------------------|------------|-----|------|-------|-----------|------|------|-------|
| | ROG | NOx | PM10 | PM2.5 | ROG | NOx | PM10 | PM2.5 |
| Area | 148 | 5 | 2 | 2 | 26.3 | 0.6 | 0.3 | 0.3 |
| Energy | 2 | 16 | 1 | 1 | 0.3 | 2.8 | 0.2 | 0.2 |
| Mobile | 46 | 180 | 168 | 45 | 5.6 | 29.6 | 26.5 | 7.2 |
| Operational Total | 196 | 201 | 171 | 49 | 32.3 | 33.0 | 27.1 | 7.7 |

| Net AQ Emissions - Default | Pounds/Day | | | | Tons/Year | | | |
|----------------------------|------------|-----|------|-------|-----------|------|------|-------|
| | ROG | NOx | PM10 | PM2.5 | ROG | NOx | PM10 | PM2.5 |
| Area | 104 | 4 | 2 | 2 | 18.4 | 0.4 | 0.2 | 0.2 |
| Energy | 1 | 8 | 1 | 1 | 0.17 | 1.47 | 0.1 | 0.1 |
| Mobile | 41 | 142 | 172 | 47 | 4.8 | 24.8 | 28.6 | 7.7 |
| Net AQ Emissions | 146 | 153 | 175 | 49 | 23.4 | 26.7 | 28.9 | 8.1 |

| Net AQ Emissions - VMT adj | Pounds/Day | | | | Tons/Year | | | |
|----------------------------|------------|-----|------|-------|-----------|------|------|-------|
| | ROG | NOx | PM10 | PM2.5 | ROG | NOx | PM10 | PM2.5 |
| Area | 104 | 4 | 2 | 2 | 18.4 | 0.4 | 0.2 | 0.2 |
| Energy | 1 | 8 | 1 | 1 | 0.18 | 1.52 | 0.1 | 0.1 |
| Mobile | 36 | 123 | 103 | 28 | 4.0 | 21.2 | 17.0 | 4.6 |
| Net AQ Emissions | 141 | 135 | 106 | 30 | 22.7 | 23.2 | 17.3 | 4.9 |

| Net AQ Emissions - VMT adj with Mit | Pounds/Day | | | | Tons/Year | | | |
|-------------------------------------|------------|-----|------|-------|-----------|------|------|-------|
| | ROG | NOx | PM10 | PM2.5 | ROG | NOx | PM10 | PM2.5 |
| Area | 104 | 4 | 2 | 2 | 18.4 | 0.4 | 0.2 | 0.2 |
| Energy | 1 | 8 | 1 | 1 | 0.15 | 1.28 | 0.1 | 0.1 |
| Mobile | 36 | 122 | 100 | 27 | 4.0 | 21.2 | 17.0 | 4.6 |
| Net AQ Emissions | 141 | 133 | 102 | 29 | 22.6 | 23.0 | 17.3 | 4.9 |

| Mass Emissions Reduction Target (Tons/Year) | | |
|---|-------|-------|
| | ROG | NOx |
| Mobile Source Emissions | 4.8 | 24.8 |
| 15% of Mobile Source | 0.714 | 3.717 |

| Mass Emissions Reduction (Tons/Year) | | | |
|--|--------|--------|---------|
| | ROG | NOx | PM10 |
| Net AQ Emissions - VMT adj | | | |
| Area | 0 | 0 | 0 |
| Energy | 0 | 0 | 0 |
| Mobile | -0.724 | -3.540 | -11.567 |
| Operational Total | -0.718 | -3.489 | -11.563 |
| Net AQ Emissions - VMT adj with Mit | | | |
| Area | 0.0 | 0.0 | 0.0 |
| Energy | 0.0 | -0.2 | 0.0 |
| Mobile | -0.724 | -3.540 | -11.567 |
| Operational Total | -0.746 | -3.730 | -11.583 |
| Mass Emissions Reduction Target | 0.714 | 3.717 | 0.000 |

Project Building Energy Use

Natural Gas

| Land Use | Natural Gas Use |
|--------------------------|-------------------|
| | kBTU/yr |
| Apartments Low Rise | 19,047,400 |
| Apartments Mid Rise | 30,072,900 |
| City Park | - |
| Condo/Townhouse | 3,082,690 |
| Racquet Club | 2,256,030 |
| Regional Shopping Center | 1,322,590 |
| Total | 55,781,610 |

Electricity

| Land Use | Electricity Use |
|--------------------------|-------------------|
| | kWh/yr |
| Apartments Low Rise | 7,031,830.00 |
| Apartments Mid Rise | 12,704,500.00 |
| City Park | - |
| Condo/Townhouse | 759,482.00 |
| Racquet Club | 892,710.00 |
| Regional Shopping Center | 2,589,050.00 |
| Total | 23,977,572 |

| Land Use | NaturalGas Use | Electricity Use |
|----------------------------------|----------------|-----------------|
| | kBTU/yr | kWh/yr |
| Residential Designations | 52,202,990 | 20,495,812 |
| Commercial + Office Zones | 1,322,590 | 2,589,050 |
| Public/Quasi Public Zones | 2,256,030 | 892,710 |
| Total | 55,781,610 | 23,977,572 |

| Land Use | NaturalGas Use | Electricity Use |
|----------------------------------|----------------|-----------------|
| | kBTU/yr | MWh/yr |
| Residential Designations | 52,203 | 20,496 |
| Commercial + Office Zones | 1,323 | 2,589 |
| Public/Quasi Public Zones | 2,256 | 893 |
| Total | 55,782 | 23,978 |

| Electricity Emission Factors | | | | | |
|-------------------------------------|----------------|----------------|----------------|----------------|---------------|
| SMUD | 2016 | 2020 | 2030 | 2035 | 2040 |
| RPS Status | 20% | 33% | 60% | 70.0% | 80.0% |
| SMUD Power Mix 2016 | | | | | |
| Natural Gas | 41% | | | | |
| Large Hydroelectric | 23% | | | | |
| Unspecified Sources | 16% | | | | |
| GHG Free Sources | 20% | | | | |
| SCE 2015 Calculated EFs | | | | | |
| lb CO2/MWh | N/A | N/A | N/A | N/A | N/A |
| lb CH4/GWh | N/A | N/A | N/A | N/A | N/A |
| lb N2O/GWh | N/A | N/A | N/A | N/A | N/A |
| MT CO2e/MWh | 0.174 | 0.146 | 0.087 | 0.065 | 0.043 |
| | 383.600 | 321.265 | 191.800 | 143.850 | 95.900 |
| Category | Value | Notes | | | |
| Annual Weekday (Days) | 261 | | | | |
| Annual Weekend (Days) | 104 | | | | |
| Conversions | | | | | |
| g/MT | 1000000 | | | | |
| g/lb | 453.592 | | | | |
| lb/MT | 2204.622622 | | | | |
| kg/MT | 1000 | | | | |
| MT/ton | 1.10231 | | | | |
| g/ton | 907185 | | | | |
| lb/kg | 2.20462 | | | | |
| kWh/MWh | 1000 | | | | |
| MWh/GWh | 1000 | | | | |
| Btu/therm | 100000 | | | | |
| MMBtu/therm | 0.1 | | | | |
| MMBtu/MWh | 3.41214148 | | | | |
| LPG Gallons/GGE | 1.344086022 | | | | |
| LNG Gallons/GGE | 1.572327044 | | | | |

| | | | | |
|-----------------------|-------------|--|--|--|
| gal/cubic foot | 7.480519481 | | | |
| gal/Liter | 3.785411784 | | | |
| therms/gallon propane | 0.91 | | | |
| gallon/acrefoot | 325851.429 | | | |
| million gal/acre-feet | 0.325851429 | | | |

GWP

| Source (Select) | <i>IPCC Fourth Assessment Report (Avg)</i> | <--drop down selection | | | |
|-----------------|--|--|--------------------------------------|--|--|
| CO2 | 1 | | | | |
| CH4 | 25 | | | | |
| N2O | 298 | | | | |
| | <i>IPCC Fourth Assessment Report (w/o climate carbon feedback)</i> | <i>IPCC Fourth Assessment Report (Avg)</i> | <i>IPCC Second Assessment Report</i> | | |
| CO2 | 1 | 1 | 1 | | |
| CH4 | 25 | 25 | 21 | | |
| N2O | 265 | 298 | 310 | | |

WBSP Energy Use Adjustments

| | T24 E | 2019 T24 Standards (percent reduction in electricity use over 2016 T24 by land use) | T24 E Adj. | NonT24 E | Lighting | T24 NG | T24 NG Adj. | AQMP M1 Reductions (13% Natural Gas use reduction) | NonT24 NG |
|------------------------------------|--|---|------------|----------|----------|-----------|-------------|--|-----------|
| Apartments Low Rise | 511.12 | 53% | 240.2 | 3,172.76 | 810.36 | 9,411.72 | 9,411.72 | 8,188.20 | 2,687 |
| Apartments Mid Rise | 460.92 | 7% | 428.7 | 3,054.10 | 741.44 | 7,061.10 | 7,061.10 | 6,143.16 | 2,687 |
| City Park | 0 | | 0.0 | 0 | 0 | 0 | 0.00 | 0.00 | 0 |
| Condo/Townhouse | 381.61 | 7% | 354.9 | 3,795.01 | 1,001.10 | 17,864.25 | 17,864.25 | 15,541.90 | 2,687 |
| Elementary School | 2.05 | | | 2.17 | 3.1 | 14.6 | 14.60 | 14.60 | 0.66 |
| General Light Industry | 3.41 | | | 7.2 | 4.57 | 23.39 | 23.39 | 23.39 | 12.42 |
| Racquet Club | 3.41 | 7% | 2.4 | 7.2 | 4.57 | 23.39 | 23.39 | 23.39 | 12.42 |
| Regional Shopping Center | 3.26 | 7% | 2.3 | 2.98 | 5.33 | 4.49 | 4.49 | 4.49 | 0.93 |
| 2019 T24 building standards | Reductions in energy use from new development have been adjusted to be consistent with the 2019 T24 building standards - 53% reduction in residential (SF and Low Rise MF) electricity use, 7% in reduction in non solar EE improvement, 30% reduction in nonresidential electricity use. Source: https://ww2.energy.ca.gov/title24/2019standards/documents/2018_Title_24_2019_Building_Standards_FAQ.pdf | | | | | | | | |
| AQMP Measure | Note: AQMP Measure 1 Assumes that 13% of all new residential units developed as part of the project would include all electric appliances and therefore result in a 15% reduction in total project natural gas use at buildout. Reduction in natural gas use from all electric units is divided evenly between the three types of housing units (Low, Mid-Rise Apt, and Condo/Townhouse) as shown in the table above. | | | | | | | | |

Energy Calculations Summary

Operational Fuel Use Summary

| Vehicle Class | Diesel (Gallons) | Gasoline Gallons | Natural Gas (DEG) |
|---------------|---------------------|---------------------|----------------------|
| Passenger | 9,684 | 1,433,643 | - |
| Truck | 367,838 | 278,733 | 8,561 |
| Bus | 10,540 | 30,062 | 27,869 |
| Total | 388,063 | 1,742,437 | 36,430 |

1. Fleet mix calculated from CalEEMod default values.
2. Gallons per mile calculated from EMFAC 2017.
3. Annual VMT obtained from EMFAC Sacramento County output file.

Energy Calculations Summary

Construction Fuel Usage Summary

| | Diesel | Gasoline | Diesel | Diesel |
|--------------------|------------------------------|-------------------|-------------------|------------------|
| Construction Phase | Off-road Equipment (gallons) | On-road (gallons) | On-road (gallons) | Total |
| 1 | 500,596 | 5,097,465 | 2,206,743 | 2,707,339 |
| TOTAL | 500,596 | 5,097,465 | 2,206,743 | 2,707,339 |

| | | |
|-----------------------|------------------|----------------|
| Total Gasoline | 5,097,465 | gallons |
| Total Diesel | 2,707,339 | gallons |

Instructions: Input all construction equipment by each phase and phase length and use CalEEMod outputs for amount, usage hours, horsepower, and load factor.

Phase 3 Construction Offroad Equipment

| Phase Name | Offroad Equip | Amount | Usage Hours | Horse Power | Load Factor | Number of days | Diesel Fuel Usage |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|----------------|-------------------|
| Demolition | Concrete/Industrial Saws | 1 | 8 | 81 | 0.73 | 300 | 7,096 |
| Demolition | Excavators | 3 | 8 | 158 | 0.38 | 300 | 21,614 |
| Demolition | Rubber Tired Dozers | 2 | 8 | 247 | 0.4 | 300 | 23,712 |
| Site Preparation | Rubber Tired Dozers | 3 | 8 | 247 | 0.4 | 180 | 21,341 |
| Site Preparation | Tractors/Loaders/Backhoes | 4 | 8 | 97 | 0.37 | 180 | 10,336 |
| Grading | Excavators | 2 | 8.00 | 158 | 0.38 | 465 | 22,335 |
| Grading | Graders | 1 | 8.00 | 187 | 0.41 | 465 | 14,261 |
| Grading | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 | 465 | 18,377 |
| Grading | Scrapers | 2 | 8.00 | 367 | 0.48 | 465 | 65,532 |
| Grading | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 | 465 | 13,351 |
| Building Construction | Cranes | 1 | 7.00 | 231 | 0.29 | 2563 | 60,093 |
| Building Construction | Forklifts | 3 | 8.00 | 89 | 0.20 | 2563 | 54,746 |
| Building Construction | Generator Sets | 1 | 8.00 | 84 | 0.74 | 2563 | 63,726 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97 | 0.37 | 2563 | 96,585 |
| Building Construction | Welders | 1 | 8.00 | 46 | 0.45 | 2563 | 21,222 |
| Construction | Pavers | 2 | 8.00 | 130 | 0.42 | 330 | 14,414 |
| Paving | Paving Equipment | 2 | 8.00 | 132 | 0.36 | 330 | 12,545 |
| Paving | Rollers | 2 | 8.00 | 80 | 0.38 | 330 | 8,026 |
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 | 330 | 3,707 |
| TOTAL | | | | | | | 500,596 |

Notes: Equipment assumptions are consistent with CalEEMod. Fuel usage average of 0.05 gallons of diesel fuel per horsepower-hour is from the SCAQMD CEQA Air Quality Handbook, Table A9-3E.

Trips and VMT

| Phase Name | Daily Worker Trip | Vendor Trips | Haul Trips | Total Worker Trips | Total Vendor Trips | Total Haul Trips | Worker Trip Length (miles) | Vendor Trip Length (miles) | Haul Trip Length (miles) | Total Worker Trip Length (miles) | Total Vendor Trip Length (miles) | Total Haul Trip Length (miles) | Total gallons of gasoline | Total gallons of diesel |
|-----------------------|-------------------|--------------|------------|--------------------|--------------------|------------------|----------------------------|----------------------------|--------------------------|----------------------------------|----------------------------------|--------------------------------|---------------------------|-------------------------|
| Demolition | 15 | 0 | 125 | 1875 | 0 | 125 | 10.00 | 6.50 | 20.00 | 18750 | 0 | 2,500.00 | 589 | 257 |
| Site Preparation | 18 | 0 | 125 | 2250 | 0 | 125 | 10.00 | 6.50 | 20.00 | 22500 | 0 | 2,500.00 | 706 | 257 |
| Architectural Coating | 839 | 0 | 3224 | 2,704,936 | 0 | 3224 | 10.00 | 6.50 | 20.00 | 27,049,360.00 | 0.00 | 64,480.00 | 849,280 | 6,626 |
| Building Construction | 4,193 | 1,018 | 3224 | 13,518,232 | 3,282,032 | 3224 | 10.00 | 6.50 | 20.00 | 135,182,320.00 | 21,333,208.00 | 64,480.00 | 4,244,378 | 2,198,728 |
| Grading | 20 | 0 | 322 | 6,440 | 0 | 322 | 10.00 | 6.50 | 20.00 | 64,400.00 | 0.00 | 6,440.00 | 2,022 | 662 |
| Paving | 15 | 0 | 229 | 3,435 | 0 | 229 | 10.00 | 6.50 | 20.00 | 34,350.00 | 0.00 | 4,580.00 | 1,079 | 471 |
| TOTAL | | | | | | | | | | | | 5,097,465 | 2,206,743 | |

Notes: Consistent with CalEEMod, worker vehicles assumed to be gasoline and 50% LDA, 25% LDT1, and 25% LDT2. Vendor and haul trips are assumed to be 100% diesel Heavy-Duty Trucks (TD).

| | Diesel | Gasoline |
|-----------------------|-----------|-----------|
| Demolition | 52,679 | 589 |
| Site Preparation | 31,934 | 706 |
| Grading | 134,517 | 2,022 |
| Building Construction | 2,495,101 | 4,244,378 |
| Paving | 35,456 | 1,079 |
| Architectural Coating | 3,707 | 849,280 |
| Total | 2,753,393 | 5,098,054 |
| Annual | 183,560 | 339,870 |

| Phase Name | Amount | Usage Hours | Horse Power | Load Factor | |
|-----------------------|---------------------------|-------------|-------------|-------------|------|
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Demolition | Excavators | 3 | 8.00 | 158 | 0.38 |
| Demolition | Rubber Tired Dozers | 2 | 8.00 | 247 | 0.40 |
| 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 Compressor | 1 | 6.00 | 78 | 0.48 |

Instructions: Input EMFAC run for LDA, LDT1, LTD2 for gas, and T7 tractor construction for diesel into template below.

EMFAC2017 (v1.0.2) Emissions Inventory

Region Type: County

Region: SACRAMENTO

Calendar Year: 2032

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

| Region | CalYr | VehClass | MdlYr | Speed miles/hr | Fuel | Population vehicles | VMT miles/day | Trips trips/day | Fuel gas 1,000 gallons/day | Diesel gas 1,000 gallons/day | Miles per gallon | Gasoline miles per gallon | Diesel miles per gallon |
|------------|-------|-------------------------|------------|-------------------|------|------------------------|------------------|--------------------|-------------------------------|---------------------------------|---------------------|---------------------------------|----------------------------|
| SACRAMENTO | 2032 | LDA | Aggregated | Aggregated | GAS | 777,204 | 24,598,561 | 3,615,040 | 596.1 | 0.00 | 41.27 | 31.85 | 9.73 |
| SACRAMENTO | 2032 | LDT1 | Aggregated | Aggregated | GAS | 252,032 | 7,697,955 | 1,158,594 | 219.5 | 0.00 | 35.07 | | |
| SACRAMENTO | 2032 | LDT2 | Aggregated | Aggregated | GAS | 13,901 | 436,235 | 207,100 | 44.5 | 0.00 | 9.79 | | |
| SACRAMENTO | 2032 | T7 tractor construction | Aggregated | Aggregated | DSL | 1,124 | 135,551 | 14,278 | 0.00 | 13.93 | 9.73 | | |

Notes: Consistent with CalEEMod, worker vehicles assumed to be gasoline and 50% LDA, 25% LDT1, and 25% LDT2. Vendor trips are assumed to be 100% diesel Heavy-Duty Trucks (T7).

Instructions: Input EMFAC data into input categories below. Use project-specific vehicle mix from CalEEMod.

EMFAC2017 (v1.0.2) Emissions Inventory
 Region Type: County
 Region: SACRAMENTO
 Calendar Year: 2035
 Season: Annual
 Vehicle Classification: EMFAC2011 Categories
 Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

| Region | CalYr | VehClass | Column1 | MdYr | Speed | Fuel | Population | VMT (mi/day) | Trips | Fuel_Consumption (1000 gal/d) | Fuel (gal/day) | m/gal | CO2_RUNEX (tons/day) | CO2 (lb/day) | % of vehicle class | VMT by project vehicle c | Gallons of fuel |
|------------|-------|-------------------------|-----------|------------|------------|------|--------------|--------------|--------------|-------------------------------|----------------|-------------|----------------------|--------------|--------------------|--------------------------|-----------------|
| SACRAMENTO | 2036 | All Other Buses | Bus | Aggregated | Aggregated | DSL | 433,289,226 | 20664.43685 | 3680.379784 | 1.98258293 | 1982.588293 | 10.42337983 | 21.9688536 | 43,948 | 0.0% | 31,985.3 | 3,000 |
| SACRAMENTO | 2036 | LDA | Passenger | Aggregated | Aggregated | DSL | 9374.34732 | 304205.1573 | 43173.70701 | 4.643804671 | 4643.804671 | 65.5075571 | 52.10555171 | 104,211 | 0.7% | 470,810 | 7,189 |
| SACRAMENTO | 2036 | LDT1 | Passenger | Aggregated | Aggregated | DSL | 35,346,04276 | 574.6425041 | 137.3972489 | 0.021557426 | 215.5470027 | 26.65635973 | 0.241883899 | 484 | 0.0% | 890 | 33 |
| SACRAMENTO | 2036 | LDT2 | Passenger | Aggregated | Aggregated | DSL | 2434.533882 | 77736.9995 | 11137.26911 | 1.590691571 | 1590.691571 | 48.86993865 | 17.84826619 | 35,697 | 0.2% | 130,337 | 2,462 |
| SACRAMENTO | 2036 | LHD1 | Truck | Aggregated | Aggregated | DSL | 13788.07266 | 437817.01 | 127212.5434 | 20.07781937 | 20077.81937 | 21.80600402 | 223.525864 | 447,052 | 1.0% | 677,738.7 | 31,080 |
| SACRAMENTO | 2036 | LHD2 | Truck | Aggregated | Aggregated | DSL | 5501.39887 | 169991.5173 | 68306.63139 | 8.793046672 | 8793.004672 | 19.32258581 | 97.53213626 | 195,064 | 0.4% | 263,146.1 | 13,612 |
| SACRAMENTO | 2036 | MDV | Truck | Aggregated | Aggregated | DSL | 5387.612246 | 165557.6486 | 24557.68121 | 4.489398166 | 4489.398166 | 37.42927245 | 49.33019362 | 99,860 | 0.4% | 257,830.5 | 6,888 |
| SACRAMENTO | 2036 | MH | Other | Aggregated | Aggregated | DSL | 1137.386173 | 9208.664877 | 112.3208214 | 0.803670611 | 803.670611 | 11.42906485 | 0.92399222 | 18,080 | 0.0% | 14,254.0 | 1,241 |
| SACRAMENTO | 2036 | Motor Coach | Bus | Aggregated | Aggregated | DSL | 138.2923689 | 16664.59112 | 2014.203887 | 2.141569602 | 2141.569602 | 7.781517416 | 22.6529782 | 45,306 | 0.0% | 25,795.7 | 3,313 |
| SACRAMENTO | 2036 | PTO | Truck | Aggregated | Aggregated | DSL | 0 | 37339.17829 | 0 | 5.901567103 | 5901.567103 | 6.326999769 | 66.81820503 | 132,436 | 0.1% | 57,800.9 | 9,136 |
| SACRAMENTO | 2036 | SBUS | Bus | Aggregated | Aggregated | DSL | 807.6448814 | 25422.06415 | 9561.329355 | 2.684927515 | 2684.927515 | 4.684435927 | 27.22629033 | 54,453 | 0.1% | 39,353.2 | 4,156 |
| SACRAMENTO | 2036 | T6 Ag | Truck | Aggregated | Aggregated | DSL | 9.843780318 | 27.73583442 | 45.85196337 | 0.003525279 | 3.525279346 | 7.867698329 | 0.032460915 | 65 | 0.0% | 42.9 | 5 |
| SACRAMENTO | 2036 | T6 CAIRP heavy | Truck | Aggregated | Aggregated | DSL | 152.3522499 | 25934.90281 | 2187.704648 | 1.764167204 | 1764.167204 | 14.695264 | 19.7185623 | 39,424 | 0.1% | 40,131.6 | 2,721 |
| SACRAMENTO | 2036 | T6 CAIRP small | Truck | Aggregated | Aggregated | DSL | 47.54269923 | 3847.503348 | 124.456228 | 0.22035161 | 220.3516099 | 13.12909814 | 3.24069602 | 6,481 | 0.0% | 5,955.9 | 484 |
| SACRAMENTO | 2036 | T6 instate construction | Truck | Aggregated | Aggregated | DSL | 339.0209181 | 21666.95257 | 1531.407510 | 2.310914685 | 2310.914685 | 4.379202580 | 25.72182701 | 51,442 | 0.0% | 33,540.3 | 3,572 |
| SACRAMENTO | 2036 | T6 instate heavy | Truck | Aggregated | Aggregated | DSL | 3194.879665 | 15895.9703 | 14275.63607 | 15.44029059 | 15440.29059 | 10.29488204 | 171.4141567 | 342,828 | 0.3% | 246,063.1 | 23,901 |
| SACRAMENTO | 2036 | T6 instate small | Truck | Aggregated | Aggregated | DSL | 2237.017262 | 223209.4328 | 25418.85053 | 17.9036653 | 17903.6653 | 12.46724786 | 199.54257 | 399,085 | 0.5% | 345,527.2 | 27,713 |
| SACRAMENTO | 2036 | T6 ODS heavy | Truck | Aggregated | Aggregated | DSL | 6362.136662 | 283748.0713 | 72882.12186 | 23.66419924 | 23664.19924 | 11.99060523 | 261.8642504 | 523,729 | 0.6% | 439,240.7 | 36,632 |
| SACRAMENTO | 2036 | T6 ODS small | Truck | Aggregated | Aggregated | DSL | 84.16809283 | 14409.20551 | 1208.641638 | 0.97951524 | 979.5152394 | 14.71054755 | 10.94488537 | 21,890 | 0.0% | 22,305.4 | 1,516 |
| SACRAMENTO | 2036 | T6 ODS heavy | Truck | Aggregated | Aggregated | DSL | 45.51629029 | 2027.867286 | 666.0359248 | 0.14471486 | 1447.148699 | 13.10731488 | 1.710657903 | 3,421 | 0.0% | 3,139.1 | 289 |
| SACRAMENTO | 2036 | T6 public | Truck | Aggregated | Aggregated | DSL | 4865.902023 | 75606.51346 | 14658.50901 | 8.21512977 | 8215.12977 | 9.20325531 | 77.38188474 | 154,363 | 0.2% | 117,038.5 | 12,712 |
| SACRAMENTO | 2036 | T6 utility | Truck | Aggregated | Aggregated | DSL | 194.9184346 | 3252.214461 | 2227.032352 | 0.282222208 | 282.22208 | 11.52395513 | 2.876252885 | 5,753 | 0.0% | 5,034.4 | 437 |
| SACRAMENTO | 2036 | T7 Ag | Truck | Aggregated | Aggregated | DSL | 10.17091003 | 20.65077958 | 48.93759046 | 0.005397979 | 5.397794024 | 3.852915394 | 0.03704506 | 74 | 0.0% | 32.0 | 8 |
| SACRAMENTO | 2036 | T7 CAIRP | Truck | Aggregated | Aggregated | DSL | 860.6189454 | 182781.2676 | 12471.47584 | 19.11169227 | 19111.69227 | 9.563845266 | 195.1666343 | 390,333 | 0.4% | 282,944.5 | 29,585 |
| SACRAMENTO | 2036 | T7 CAIRP construction | Truck | Aggregated | Aggregated | DSL | 85.36134581 | 15563.56025 | 379.6147181 | 2.023255142 | 2023.255142 | 7.692336952 | 22.41254851 | 44,825 | 0.0% | 24,092.3 | 3,132 |
| SACRAMENTO | 2036 | T7 NNODS | Truck | Aggregated | Aggregated | DSL | 1305.291317 | 22284.6852 | 18713.34839 | 24.17966195 | 24179.66195 | 9.21078993 | 235.4475691 | 470,895 | 0.5% | 344,947.0 | 37,439 |
| SACRAMENTO | 2036 | T7 NNODS | Truck | Aggregated | Aggregated | DSL | 343.3801539 | 71821.78272 | 4862.520156 | 7.699504728 | 7699.054728 | 6.728388446 | 76.80631086 | 153,612 | 0.2% | 111,179.8 | 11,912 |
| SACRAMENTO | 2036 | T7 other port | Truck | Aggregated | Aggregated | DSL | 13.63139382 | 2241.133959 | 102.2754874 | 0.267908939 | 267.908939 | 8.39069767 | 2.949280069 | 5,859 | 0.0% | 3,460.3 | 413 |
| SACRAMENTO | 2036 | T7 POAK | Truck | Aggregated | Aggregated | DSL | 59.54291459 | 9634.917056 | 446.7756389 | 1.17587395 | 1175.87395 | 8.193845776 | 12.8941135 | 25,719 | 0.0% | 14,914.8 | 1,820 |
| SACRAMENTO | 2036 | T7 Public | Truck | Aggregated | Aggregated | DSL | 5842.318588 | 118347.5367 | 17495.16082 | 17.2233938 | 17223.33938 | 6.817325017 | 176.3741177 | 352,748 | 0.3% | 183,201.4 | 26,662 |
| SACRAMENTO | 2036 | T7 Single | Truck | Aggregated | Aggregated | DSL | 2321.359207 | 188047.5653 | 26232.62891 | 23.07505872 | 23075.05872 | 8.149386209 | 247.3764274 | 494,753 | 0.4% | 291,096.8 | 35,720 |
| SACRAMENTO | 2036 | T7 single construction | Truck | Aggregated | Aggregated | DSL | 515.5293663 | 38610.33027 | 2314.575153 | 5.7427321 | 5742.7321 | 6.728388446 | 62.50091021 | 125,019 | 0.1% | 99,748.6 | 6,890 |
| SACRAMENTO | 2036 | T7 SWCV | Truck | Aggregated | Aggregated | DSL | 525.1296317 | 21414.14634 | 2052.095053 | 6.679215897 | 6679.215897 | 3.206068483 | 73.05140486 | 146,103 | 0.0% | 33,149.0 | 10,333 |
| SACRAMENTO | 2036 | T7 tractor | Truck | Aggregated | Aggregated | DSL | 1127.284178 | 137018.3496 | 14277.96636 | 13.85562108 | 13855.62108 | 9.888008134 | 150.5853773 | 303,171 | 0.3% | 212,104 | 21,448 |
| SACRAMENTO | 2036 | T7 tractor construction | Truck | Aggregated | Aggregated | DSL | 427.9356373 | 31850.12327 | 1921.724589 | 4.669386076 | 4669.386076 | 6.821051579 | 50.8267609 | 101,654 | 0.1% | 49,303.8 | 7,228 |
| SACRAMENTO | 2036 | T7 utility | Truck | Aggregated | Aggregated | DSL | 27.19057733 | 551.0090752 | 310.7348221 | 0.072832707 | 72.83270675 | 7.565407079 | 0.776382658 | 1,553 | 0.0% | 853.0 | 113 |
| SACRAMENTO | 2036 | UBUS | Bus | Aggregated | Aggregated | DSL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0% | 0 | 0 |
| SACRAMENTO | 2036 | LDA | Passenger | Aggregated | Aggregated | ELEC | 44440.36911 | 1578107.213 | 203572.351 | 0 | 0 | 0 | 0 | 0 | 3.4% | 2,442,902.6 | - |
| SACRAMENTO | 2036 | LDT1 | Passenger | Aggregated | Aggregated | ELEC | 2488.336345 | 86557.39393 | 11303.93338 | 0 | 0 | 0 | 0 | 0 | 0.2% | 137,241.2 | - |
| SACRAMENTO | 2036 | LDT2 | Passenger | Aggregated | Aggregated | ELEC | 9552.990856 | 235058.1016 | 43514.36901 | 0 | 0 | 0 | 0 | 0 | 0.5% | 383,858.8 | - |
| SACRAMENTO | 2036 | MDV | Truck | Aggregated | Aggregated | ELEC | 6611.564095 | 164217.8057 | 30073.3961 | 0 | 0 | 0 | 0 | 0 | 0.4% | 254,208.4 | - |
| SACRAMENTO | 2036 | LDA | Passenger | Aggregated | Aggregated | GAS | 789407.0756 | 24825957.53 | 3615039.8901 | 596.0299718 | 596029.9718 | 41.65219654 | 5479.125209 | 10,958,250 | 54.1% | 36,430,466 | 922,652 |
| SACRAMENTO | 2036 | MCY | Passenger | Aggregated | Aggregated | GAS | 80152.10554 | 2402751.4 | 361272.295 | 67.6120582 | 67612.03582 | 35.5373253 | 620.760394 | 1,241,521 | 5.2% | 3,719,447.9 | 104,663 |
| SACRAMENTO | 2036 | LDT1 | Passenger | Aggregated | Aggregated | GAS | 255682.1384 | 7753009.447 | 1158593.661 | 218.4171008 | 218417.1008 | 35.54213208 | 2004.05413 | 4,008,108 | 16.9% | 12,017,102 | 338,109 |
| SACRAMENTO | 2036 | LDT2 | Passenger | Aggregated | Aggregated | GAS | 13382.55145 | 43540.9422 | 207999.8735 | 44.80864641 | 44809.4641 | 9.880305459 | 412.057952 | 824.116 | 0.9% | 674,215 | 68,219 |
| SACRAMENTO | 2036 | LHD1 | Truck | Aggregated | Aggregated | GAS | 2092.89716 | 65984.26446 | 31123.98239 | 7.625191983 | 7625.191983 | 8.653456176 | 71.31014526 | 142,620 | 0.1% | 102,143.3 | 11,804 |
| SACRAMENTO | 2036 | LHD2 | Truck | Aggregated | Aggregated | GAS | 35466.52504 | 209641.4393 | 70034.48357 | 5.615969815 | 5615.969815 | 37.32951676 | 48.56487943 | 97,130 | 0.5% | 324,524.0 | 8,691 |
| SACRAMENTO | 2036 | MDV | Truck | Aggregated | Aggregated | GAS | 162707.1126 | 4733863.766 | 730802.8729 | 162.7355643 | 162735.5643 | 29.08930071 | 1491.057523 | 2,982,115 | 10.3% | 7,327,999.0 | 251,914 |
| SACRAMENTO | 2036 | MH | Other | Aggregated | Aggregated | GAS | 20618.96612 | 225.8143479 | 3.559226224 | 3559.226224 | 3559.226224 | 5.793103563 | 33.71436806 | 67,429 | 0.0% | 31,918.1 | 5,510 |
| SACRAMENTO | 2036 | T615 | Truck | Aggregated | Aggregated | GAS | 461.1474448 | 17420.12528 | 9249.778169 | 3.047814947 | 3047.814947 | 5.71561121 | 28.46240543 | 56,925 | 0.0% | 26,966.3 | 4,718 |
| SACRAMENTO | 2036 | T7S | Truck | Aggregated | Aggregated | GAS | 255.2297679 | 11093.04932 | 978.0849474 | 1.053908016 | 1053.908016 | 10.70860619 | 9.13241406 | 18,264 | 0.0% | 17,177.0 | 1,604 |
| SACRAMENTO | 2036 | UBUS | Bus | Aggregated | Aggregated | GAS | 1795.781833 | 81462.49993 | 35918.31552 | 14.09740786 | 14097.40786 | 5.785844236 | 131.3992299 | 262,738 | 0.2% | 126,103.6 | 21,823 |
| SACRAMENTO | 2036 | OBUS | Bus | Aggregated | Aggregated | GAS | 5.748981354 | 708.2123246 | 110.6352335 | 0.129850053 | 129.8500528 | 5.545805071 | 1.254881661 | 2,451 | 0.0% | 1,096.3 | 201 |
| SACRAMENTO | 2036 | SBUS | Bus | Aggregated | Aggregated | GAS | 340.2717923 | 25690.2463 | | | | | | | | | |

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1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|--------------------------|----------|---------------|-------------|--------------------|------------|
| City Park | 79.50 | Acre | 79.50 | 3,463,020.00 | 0 |
| Racquet Club | 63.00 | 1000sqft | 1.45 | 63,000.00 | 0 |
| Apartments Low Rise | 1,665.00 | Dwelling Unit | 104.06 | 1,665,000.00 | 4446 |
| Apartments Mid Rise | 3,085.00 | Dwelling Unit | 81.18 | 3,085,000.00 | 8237 |
| Condo/Townhouse | 150.00 | Dwelling Unit | 9.38 | 150,000.00 | 401 |
| Regional Shopping Center | 244.02 | 1000sqft | 5.60 | 244,020.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|--------------|-------|------------------|-----|---------------------------|------|
| Urbanization | Urban | Wind Speed (m/s) | 3.5 | Precipitation Freq (Days) | 58 |
| Climate Zone | 6 | | | Operational Year | 2035 |

Utility Company Sacramento Municipal Utility District

| | | | | | |
|--------------------------|--------|--------------------------|-------|--------------------------|-------|
| CO2 Intensity (lb/MW/hr) | 143.85 | CH4 Intensity (lb/MW/hr) | 0.029 | N2O Intensity (lb/MW/hr) | 0.006 |
|--------------------------|--------|--------------------------|-------|--------------------------|-------|

1.3 User Entered Comments & Non-Default Data

Vehicle Trips - Adjusted to match project VMT based on project traffic modeling
Construction Phase - Architectural coatingm (painting) phase assumed to begin in 2025 and end in 2035 with full project buildout

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| Table Name | Column Name | Default Value | New Value |
|---------------------------|--------------------|---------------|-----------|
| tblConstructionPhase | NumDays | 330.00 | 2,678.00 |
| tblConstructionPhase | NumDays | 4,650.00 | 2,563.00 |
| tblEnergyUse | T24E | 511.12 | 240.20 |
| tblEnergyUse | T24E | 460.92 | 322.60 |
| tblEnergyUse | T24E | 381.61 | 267.10 |
| tblEnergyUse | T24E | 3.41 | 2.40 |
| tblEnergyUse | T24E | 3.26 | 2.30 |
| tblEnergyUse | T24NG | 9,411.72 | 8,752.90 |
| tblProjectCharacteristics | CO2IntensityFactor | 590.31 | 143.85 |
| tblVehicleTrips | CW_TL | 10.00 | 10.55 |
| tblVehicleTrips | HW_TL | 10.00 | 1.00 |
| tblVehicleTrips | HW_TL | 10.00 | 6.56 |

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

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| Year | tons/yr | | | | | | | | | | | MT/yr | | | | |
|----------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| 2020 | 0.4447 | 4.4848 | 2.9336 | 5.5800e-003 | 0.1254 | 0.2179 | 0.3433 | 0.0217 | 0.2025 | 0.2242 | 0.0000 | 492.9156 | 492.9156 | 0.1281 | 0.0000 | 496.1183 |
| 2021 | 0.5087 | 5.2624 | 3.0406 | 5.7100e-003 | 2.4108 | 0.2563 | 2.6671 | 1.0400 | 0.2361 | 1.2761 | 0.0000 | 502.3455 | 502.3455 | 0.1541 | 0.0000 | 506.1974 |
| 2022 | 0.4796 | 5.0549 | 3.8359 | 8.2400e-003 | 1.4184 | 0.2127 | 1.6311 | 0.5020 | 0.1957 | 0.6976 | 0.0000 | 724.7075 | 724.7075 | 0.2297 | 0.0000 | 730.4493 |
| 2023 | 1.2352 | 8.5536 | 9.6749 | 0.0358 | 3.2739 | 0.1685 | 3.4424 | 0.9193 | 0.1560 | 1.0753 | 0.0000 | 3,296.1609 | 3,296.1609 | 0.2687 | 0.0000 | 3,302.8774 |
| 2024 | 2.4198 | 14.9104 | 18.4188 | 0.0801 | 5.7686 | 0.1289 | 5.8975 | 1.5544 | 0.1209 | 1.6753 | 0.0000 | 7,435.0833 | 7,435.0833 | 0.3245 | 0.0000 | 7,443.1961 |
| 2025 | 3.2993 | 14.5045 | 17.9813 | 0.0803 | 6.0304 | 0.1195 | 6.1499 | 1.6239 | 0.1121 | 1.7361 | 0.0000 | 7,456.3870 | 7,456.3870 | 0.3181 | 0.0000 | 7,464.3401 |
| 2026 | 5.6612 | 14.4367 | 18.7271 | 0.0842 | 6.7212 | 0.1267 | 6.8480 | 1.8076 | 0.1191 | 1.9268 | 0.0000 | 7,808.8693 | 7,808.8693 | 0.3200 | 0.0000 | 7,816.8703 |
| 2027 | 5.5416 | 14.1492 | 17.6977 | 0.0825 | 6.7211 | 0.1242 | 6.8454 | 1.8076 | 0.1168 | 1.9244 | 0.0000 | 7,649.2257 | 7,649.2257 | 0.3112 | 0.0000 | 7,657.0067 |
| 2028 | 5.3984 | 13.8478 | 16.7302 | 0.0806 | 6.6953 | 0.1208 | 6.8162 | 1.8007 | 0.1136 | 1.9143 | 0.0000 | 7,479.3321 | 7,479.3321 | 0.3022 | 0.0000 | 7,486.8873 |
| 2029 | 5.2875 | 13.6664 | 15.9394 | 0.0795 | 6.7210 | 0.1184 | 6.8395 | 1.8076 | 0.1114 | 1.9190 | 0.0000 | 7,382.6731 | 7,382.6731 | 0.2958 | 0.0000 | 7,390.0681 |
| 2030 | 5.1478 | 12.8198 | 15.1841 | 0.0788 | 6.7210 | 0.0622 | 6.7832 | 1.8076 | 0.0594 | 1.8669 | 0.0000 | 7,312.4021 | 7,312.4021 | 0.2309 | 0.0000 | 7,318.1754 |
| 2031 | 5.0151 | 12.6203 | 14.4650 | 0.0777 | 6.7210 | 0.0596 | 6.7806 | 1.8076 | 0.0570 | 1.8646 | 0.0000 | 7,215.6536 | 7,215.6536 | 0.2245 | 0.0000 | 7,221.2660 |
| 2032 | 4.9156 | 12.4871 | 13.8896 | 0.0771 | 6.7467 | 0.0576 | 6.8042 | 1.8145 | 0.0551 | 1.8696 | 0.0000 | 7,159.2846 | 7,159.2846 | 0.2197 | 0.0000 | 7,164.7774 |
| 2033 | 4.0780 | 6.0468 | 7.9561 | 0.0393 | 3.5108 | 0.0519 | 3.5628 | 0.9426 | 0.0508 | 0.9933 | 0.0000 | 3,625.0977 | 3,625.0977 | 0.1073 | 0.0000 | 3,627.7792 |
| 2034 | 3.4534 | 0.8645 | 3.0743 | 9.2100e-003 | 0.9812 | 0.0367 | 1.0179 | 0.2610 | 0.0365 | 0.2974 | 0.0000 | 820.3292 | 820.3292 | 0.0184 | 0.0000 | 820.7880 |
| 2035 | 3.2463 | 0.1833 | 1.4981 | 6.3400e-003 | 0.9523 | 4.4600e-003 | 0.9568 | 0.2533 | 4.2000e-003 | 0.2575 | 0.0000 | 572.3914 | 572.3914 | 7.1200e-003 | 0.0000 | 572.5693 |
| Maximum | 5.6612 | 14.9104 | 18.7271 | 0.0842 | 6.7467 | 0.2563 | 6.8480 | 1.8145 | 0.2361 | 1.9268 | 0.0000 | 7,808.8693 | 7,808.8693 | 0.3245 | 0.0000 | 7,816.8703 |

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2.1 Overall Construction

Mitigated Construction

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| Year | tons/yr | | | | | | | | | | | MT/yr | | | | |
|----------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| 2020 | 0.4447 | 4.4848 | 2.9335 | 5.5800e-003 | 0.1254 | 0.2179 | 0.3433 | 0.0217 | 0.2025 | 0.2242 | 0.0000 | 492.9151 | 492.9151 | 0.1281 | 0.0000 | 496.1178 |
| 2021 | 0.5087 | 5.2624 | 3.0406 | 5.7100e-003 | 2.4108 | 0.2563 | 2.6671 | 1.0400 | 0.2361 | 1.2761 | 0.0000 | 502.3450 | 502.3450 | 0.1541 | 0.0000 | 506.1968 |
| 2022 | 0.4796 | 5.0549 | 3.8359 | 8.2400e-003 | 1.4184 | 0.2127 | 1.6311 | 0.5020 | 0.1957 | 0.6976 | 0.0000 | 724.7066 | 724.7066 | 0.2297 | 0.0000 | 730.4485 |
| 2023 | 1.2352 | 8.5536 | 9.6749 | 0.0358 | 3.2739 | 0.1685 | 3.4424 | 0.9193 | 0.1560 | 1.0753 | 0.0000 | 3,296.1602 | 3,296.1602 | 0.2687 | 0.0000 | 3,302.8767 |
| 2024 | 2.4198 | 14.9104 | 18.4188 | 0.0801 | 5.7686 | 0.1289 | 5.8975 | 1.5544 | 0.1209 | 1.6753 | 0.0000 | 7,435.0829 | 7,435.0829 | 0.3245 | 0.0000 | 7,443.1957 |
| 2025 | 3.2993 | 14.5044 | 17.9813 | 0.0803 | 6.0304 | 0.1195 | 6.1499 | 1.6239 | 0.1121 | 1.7361 | 0.0000 | 7,456.3867 | 7,456.3867 | 0.3181 | 0.0000 | 7,464.3397 |
| 2026 | 5.6612 | 14.4367 | 18.7271 | 0.0842 | 6.7212 | 0.1267 | 6.8480 | 1.8076 | 0.1191 | 1.9268 | 0.0000 | 7,808.8689 | 7,808.8689 | 0.3200 | 0.0000 | 7,816.8699 |
| 2027 | 5.5416 | 14.1492 | 17.6977 | 0.0825 | 6.7211 | 0.1242 | 6.8454 | 1.8076 | 0.1168 | 1.9244 | 0.0000 | 7,649.2253 | 7,649.2253 | 0.3112 | 0.0000 | 7,657.0063 |
| 2028 | 5.3984 | 13.8478 | 16.7302 | 0.0806 | 6.6953 | 0.1208 | 6.8162 | 1.8007 | 0.1136 | 1.9143 | 0.0000 | 7,479.3317 | 7,479.3317 | 0.3022 | 0.0000 | 7,486.8869 |
| 2029 | 5.2875 | 13.6664 | 15.9394 | 0.0795 | 6.7210 | 0.1184 | 6.8395 | 1.8076 | 0.1114 | 1.9190 | 0.0000 | 7,382.6727 | 7,382.6727 | 0.2958 | 0.0000 | 7,390.0677 |
| 2030 | 5.1478 | 12.8198 | 15.1841 | 0.0788 | 6.7210 | 0.0622 | 6.7832 | 1.8076 | 0.0594 | 1.8669 | 0.0000 | 7,312.4017 | 7,312.4017 | 0.2309 | 0.0000 | 7,318.1750 |
| 2031 | 5.0151 | 12.6203 | 14.4650 | 0.0777 | 6.7210 | 0.0596 | 6.7806 | 1.8076 | 0.0570 | 1.8646 | 0.0000 | 7,215.6532 | 7,215.6532 | 0.2245 | 0.0000 | 7,221.2656 |
| 2032 | 4.9156 | 12.4871 | 13.8896 | 0.0771 | 6.7467 | 0.0576 | 6.8042 | 1.8145 | 0.0551 | 1.8696 | 0.0000 | 7,159.2841 | 7,159.2841 | 0.2197 | 0.0000 | 7,164.7769 |
| 2033 | 4.0780 | 6.0468 | 7.9561 | 0.0393 | 3.5108 | 0.0519 | 3.5628 | 0.9426 | 0.0508 | 0.9933 | 0.0000 | 3,625.0973 | 3,625.0973 | 0.1073 | 0.0000 | 3,627.7788 |
| 2034 | 3.4534 | 0.8645 | 3.0743 | 9.2100e-003 | 0.9812 | 0.0367 | 1.0179 | 0.2610 | 0.0365 | 0.2974 | 0.0000 | 820.3289 | 820.3289 | 0.0184 | 0.0000 | 820.7877 |
| 2035 | 3.2463 | 0.1833 | 1.4981 | 6.3400e-003 | 0.9523 | 4.4600e-003 | 0.9568 | 0.2533 | 4.2000e-003 | 0.2575 | 0.0000 | 572.3913 | 572.3913 | 7.1200e-003 | 0.0000 | 572.5693 |
| Maximum | 5.6612 | 14.9104 | 18.7271 | 0.0842 | 6.7467 | 0.2563 | 6.8480 | 1.8145 | 0.2361 | 1.9268 | 0.0000 | 7,808.8689 | 7,808.8689 | 0.3245 | 0.0000 | 7,816.8699 |

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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 |
|------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 1-1-2020 | 3-31-2020 | 1.2234 | | | | | | | | | | 1.2234 | | | |
| 2 | 4-1-2020 | 6-30-2020 | 1.2220 | | | | | | | | | | 1.2220 | | | |
| 3 | 7-1-2020 | 9-30-2020 | 1.2354 | | | | | | | | | | 1.2354 | | | |
| 4 | 10-1-2020 | 12-31-2020 | 1.2369 | | | | | | | | | | 1.2369 | | | |
| 5 | 1-1-2021 | 3-31-2021 | 1.2595 | | | | | | | | | | 1.2595 | | | |
| 6 | 4-1-2021 | 6-30-2021 | 1.4461 | | | | | | | | | | 1.4461 | | | |
| 7 | 7-1-2021 | 9-30-2021 | 1.4620 | | | | | | | | | | 1.4620 | | | |
| 8 | 10-1-2021 | 12-31-2021 | 1.5931 | | | | | | | | | | 1.5931 | | | |
| 9 | 1-1-2022 | 3-31-2022 | 1.3687 | | | | | | | | | | 1.3687 | | | |
| 10 | 4-1-2022 | 6-30-2022 | 1.3839 | | | | | | | | | | 1.3839 | | | |
| 11 | 7-1-2022 | 9-30-2022 | 1.3991 | | | | | | | | | | 1.3991 | | | |
| 12 | 10-1-2022 | 12-31-2022 | 1.3992 | | | | | | | | | | 1.3992 | | | |
| 13 | 1-1-2023 | 3-31-2023 | 1.2196 | | | | | | | | | | 1.2196 | | | |
| 14 | 4-1-2023 | 6-30-2023 | 1.2331 | | | | | | | | | | 1.2331 | | | |
| 15 | 7-1-2023 | 9-30-2023 | 2.8787 | | | | | | | | | | 2.8787 | | | |
| 16 | 10-1-2023 | 12-31-2023 | 4.5677 | | | | | | | | | | 4.5677 | | | |
| 17 | 1-1-2024 | 3-31-2024 | 4.3580 | | | | | | | | | | 4.3580 | | | |
| 18 | 4-1-2024 | 6-30-2024 | 4.3060 | | | | | | | | | | 4.3060 | | | |
| 19 | 7-1-2024 | 9-30-2024 | 4.3533 | | | | | | | | | | 4.3533 | | | |
| 20 | 10-1-2024 | 12-31-2024 | 4.4059 | | | | | | | | | | 4.4059 | | | |
| 21 | 1-1-2025 | 3-31-2025 | 4.1625 | | | | | | | | | | 4.1625 | | | |
| 22 | 4-1-2025 | 6-30-2025 | 4.1603 | | | | | | | | | | 4.1603 | | | |
| 23 | 7-1-2025 | 9-30-2025 | 4.3551 | | | | | | | | | | 4.3551 | | | |

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| | | | | |
|----|-----------|------------|--------|--------|
| 24 | 10-1-2025 | 12-31-2025 | 5.2379 | 5.2379 |
| 25 | 1-1-2026 | 3-31-2026 | 5.0121 | 5.0121 |
| 26 | 4-1-2026 | 6-30-2026 | 5.0191 | 5.0191 |
| 27 | 7-1-2026 | 9-30-2026 | 5.0742 | 5.0742 |
| 28 | 10-1-2026 | 12-31-2026 | 5.1235 | 5.1235 |
| 29 | 1-1-2027 | 3-31-2027 | 4.9080 | 4.9080 |
| 30 | 4-1-2027 | 6-30-2027 | 4.9165 | 4.9165 |
| 31 | 7-1-2027 | 9-30-2027 | 4.9706 | 4.9706 |
| 32 | 10-1-2027 | 12-31-2027 | 5.0171 | 5.0171 |
| 33 | 1-1-2028 | 3-31-2028 | 4.8664 | 4.8664 |
| 34 | 4-1-2028 | 6-30-2028 | 4.8228 | 4.8228 |
| 35 | 7-1-2028 | 9-30-2028 | 4.8758 | 4.8758 |
| 36 | 10-1-2028 | 12-31-2028 | 4.9199 | 4.9199 |
| 37 | 1-1-2029 | 3-31-2029 | 4.7187 | 4.7187 |
| 38 | 4-1-2029 | 6-30-2029 | 4.7297 | 4.7297 |
| 39 | 7-1-2029 | 9-30-2029 | 4.7817 | 4.7817 |
| 40 | 10-1-2029 | 12-31-2029 | 4.8236 | 4.8236 |
| 41 | 1-1-2030 | 3-31-2030 | 4.4721 | 4.4721 |
| 42 | 4-1-2030 | 6-30-2030 | 4.4820 | 4.4820 |
| 43 | 7-1-2030 | 9-30-2030 | 4.5313 | 4.5313 |
| 44 | 10-1-2030 | 12-31-2030 | 4.5714 | 4.5714 |
| 45 | 1-1-2031 | 3-31-2031 | 4.3863 | 4.3863 |
| 46 | 4-1-2031 | 6-30-2031 | 4.3969 | 4.3969 |
| 47 | 7-1-2031 | 9-30-2031 | 4.4452 | 4.4452 |
| 48 | 10-1-2031 | 12-31-2031 | 4.4838 | 4.4838 |
| 49 | 1-1-2032 | 3-31-2032 | 4.3572 | 4.3572 |
| 50 | 4-1-2032 | 6-30-2032 | 4.3201 | 4.3201 |

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| | | | | |
|----|-----------|------------|--------|--------|
| 51 | 7-1-2032 | 9-30-2032 | 4.3675 | 4.3675 |
| 52 | 10-1-2032 | 12-31-2032 | 4.4051 | 4.4051 |
| 53 | 1-1-2033 | 3-31-2033 | 4.2442 | 4.2442 |
| 54 | 4-1-2033 | 6-30-2033 | 3.6108 | 3.6108 |
| 55 | 7-1-2033 | 9-30-2033 | 1.1827 | 1.1827 |
| 56 | 10-1-2033 | 12-31-2033 | 1.1846 | 1.1846 |
| 57 | 1-1-2034 | 3-31-2034 | 1.1535 | 1.1535 |
| 58 | 4-1-2034 | 6-30-2034 | 1.1642 | 1.1642 |
| 59 | 7-1-2034 | 9-30-2034 | 1.1313 | 1.1313 |
| 60 | 10-1-2034 | 12-31-2034 | 0.8985 | 0.8985 |
| 61 | 1-1-2035 | 3-31-2035 | 0.8709 | 0.8709 |
| 62 | 4-1-2035 | 6-30-2035 | 0.8785 | 0.8785 |
| 63 | 7-1-2035 | 9-30-2035 | 0.8881 | 0.8881 |
| | | Highest | 5.2379 | 5.2379 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

**2.2 Overall Operational
Unmitigated Operational**

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|----------------|----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|-----------------|--------------------|--------------------|----------------|---------------|--------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Area | 25.0830 | 0.5810 | 50.3593 | 2.6700e-003 | | 0.2802 | 0.2802 | 0.2802 | 0.2802 | 0.2802 | 0.0000 | 82.5528 | 82.5528 | 0.0786 | 0.0000 | 84.5178 |
| Energy | 0.3008 | 2.5809 | 1.1709 | 0.0164 | | 0.2078 | 0.2078 | 0.2078 | 0.2078 | 0.2078 | 0.0000 | 4,541.2365 | 4,541.2365 | 0.3725 | 0.1198 | 4,586.2571 |
| Mobile | 5.5148 | 28.8928 | 54.1202 | 0.2399 | 27.1736 | 0.1274 | 27.3011 | 7.2756 | 0.1184 | 7.3940 | 0.0000 | 22,222.0774 | 22,222.0774 | 0.8816 | 0.0000 | 22,244.1180 |
| Waste | | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 583.8345 | 0.0000 | 583.8345 | 34.5036 | 0.0000 | 1,446.4252 |
| Water | | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 120.6661 | 181.5290 | 302.1951 | 0.4519 | 0.2700 | 393.9473 |
| Total | 30.8985 | 32.0546 | 105.6505 | 0.2590 | 27.1736 | 0.6155 | 27.7891 | 7.2756 | 0.6064 | 7.8820 | 704.5006 | 27,027.3956 | 27,731.8962 | 36.2882 | 0.3898 | 28,755.2655 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

2.2 Overall Operational

Mitigated Operational

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|----------------|----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|-----------------|--------------------|--------------------|----------------|---------------|--------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Area | 25.0830 | 0.5810 | 50.3593 | 2.6700e-003 | | 0.2802 | 0.2802 | | 0.2802 | 0.2802 | 0.0000 | 82.5528 | 82.5528 | 0.0786 | 0.0000 | 84.5178 |
| Energy | 0.3008 | 2.5809 | 1.1709 | 0.0164 | | 0.2078 | 0.2078 | | 0.2078 | 0.2078 | 0.0000 | 4,541.2365 | 4,541.2365 | 0.3725 | 0.1198 | 4,586.2571 |
| Mobile | 5.4606 | 28.6277 | 52.8659 | 0.2331 | 26.3106 | 0.1243 | 26.4349 | 7.0445 | 0.1154 | 7.1599 | 0.0000 | 21,590.3995 | 21,590.3995 | 0.8629 | 0.0000 | 21,611.9728 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 583.8345 | 583.8345 | 34.5036 | 0.0000 | | 1,446.4252 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 120.6661 | 181.5290 | 302.1951 | 0.4519 | 0.2700 | 393.9473 |
| Total | 30.8443 | 31.7895 | 104.3962 | 0.2521 | 26.3106 | 0.6123 | 26.9229 | 7.0445 | 0.6034 | 7.6480 | 704.5006 | 26,395.7176 | 27,100.2183 | 36.2695 | 0.3898 | 28,123.1202 |

| Percent Reduction | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-------------------|---------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|------|------|------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| | 0.18 | 0.83 | 1.19 | 2.64 | 3.18 | 0.52 | 3.12 | 3.18 | 0.49 | 2.97 | 0.00 | 2.34 | 2.28 | 0.05 | 0.00 | 2.20 |

3.0 Construction Detail

Construction Phase

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1 | Demolition | Demolition | 1/1/2020 | 2/23/2021 | 5 | 300 | |
| 2 | Site Preparation | Site Preparation | 2/24/2021 | 11/2/2021 | 5 | 180 | |
| 3 | Grading | Grading | 11/3/2021 | 8/15/2023 | 5 | 465 | |
| 4 | Building Construction | Building Construction | 8/16/2023 | 6/11/2033 | 5 | 2563 | |
| 5 | Paving | Paving | 6/12/2033 | 9/15/2034 | 5 | 330 | |
| 6 | Architectural Coating | Architectural Coating | 9/17/2025 | 12/22/2035 | 5 | 2678 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 460,530; Non-Residential Outdoor: 153,510; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Demolition | Excavators | 3 | 8.00 | 158 | 0.38 |
| Demolition | Rubber Tired Dozers | 2 | 8.00 | 247 | 0.40 |
| 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

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

| 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 |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition | 6 | 15.00 | 0.00 | 1,040.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 5,087.00 | 1,142.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 1,017.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | tons/yr | | | | | | | | | | | | | | | |
| | MT/yr | | | | | | | | | | | | | | | |
| Fugitive Dust | | | | | 0.1025 | 0.0000 | 0.1025 | 0.0155 | 0.0000 | 0.0155 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4339 | 4.3493 | 2.8497 | 5.0800e-003 | 0.2173 | 0.2173 | 0.2173 | 0.2020 | 0.2020 | 0.2020 | 0.0000 | 445.3818 | 445.3818 | 0.1257 | 0.0000 | 448.5250 |
| Total | 0.4339 | 4.3493 | 2.8497 | 5.0800e-003 | 0.1025 | 0.2173 | 0.3198 | 0.0155 | 0.2020 | 0.2175 | 0.0000 | 445.3818 | 445.3818 | 0.1257 | 0.0000 | 448.5250 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.2 Demolition - 2020

Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 3.4900e-003 | 0.1305 | 0.0295 | 3.6000e-004 | 8.5000e-003 | 4.7000e-004 | 8.9700e-003 | 2.3100e-003 | 4.5000e-004 | 2.7600e-003 | 0.0000 | 34.7469 | 34.7469 | 2.0200e-003 | 0.0000 | 34.7974 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.3100e-003 | 4.9600e-003 | 0.0544 | 1.4000e-004 | 0.0144 | 1.0000e-004 | 0.0145 | 3.8400e-003 | 1.0000e-004 | 3.9300e-003 | 0.0000 | 12.7870 | 12.7870 | 3.6000e-004 | 0.0000 | 12.7960 |
| Total | 0.0108 | 0.1354 | 0.0839 | 5.0000e-004 | 0.0229 | 5.7000e-004 | 0.0235 | 6.1500e-003 | 5.5000e-004 | 6.6900e-003 | 0.0000 | 47.5338 | 47.5338 | 2.3800e-003 | 0.0000 | 47.5934 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Fugitive Dust | | | | | 0.1025 | 0.0000 | 0.1025 | 0.0155 | 0.0000 | 0.0155 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.4339 | 4.3493 | 2.8497 | 5.0800e-003 | | 0.2173 | 0.2173 | 0.2020 | 0.2020 | 0.2020 | 0.0000 | 445.3812 | 445.3812 | 0.1257 | 0.0000 | 448.5244 |
| Total | 0.4339 | 4.3493 | 2.8497 | 5.0800e-003 | 0.1025 | 0.2173 | 0.3198 | 0.0155 | 0.2020 | 0.2175 | 0.0000 | 445.3812 | 445.3812 | 0.1257 | 0.0000 | 448.5244 |

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3.2 Demolition - 2020

Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 3.4900e-003 | 0.1305 | 0.0295 | 3.6000e-004 | 8.5000e-003 | 4.7000e-004 | 8.9700e-003 | 2.3100e-003 | 4.5000e-004 | 2.7600e-003 | 0.0000 | 34.7469 | 34.7469 | 2.0200e-003 | 0.0000 | 34.7974 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 7.3100e-003 | 4.9600e-003 | 0.0544 | 1.4000e-004 | 0.0144 | 1.0000e-004 | 0.0145 | 3.8400e-003 | 1.0000e-004 | 3.9300e-003 | 0.0000 | 12.7870 | 12.7870 | 3.6000e-004 | 0.0000 | 12.7960 |
| Total | 0.0108 | 0.1354 | 0.0839 | 5.0000e-004 | 0.0229 | 5.7000e-004 | 0.0235 | 6.1500e-003 | 5.5000e-004 | 6.6900e-003 | 0.0000 | 47.5338 | 47.5338 | 2.3800e-003 | 0.0000 | 47.5934 |

3.2 Demolition - 2021

Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Fugitive Dust | | | | | 0.0149 | 0.0000 | 0.0149 | 2.2500e-003 | 0.0000 | 2.2500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0601 | 0.5974 | 0.4097 | 7.4000e-004 | 0.0295 | 0.0295 | 0.0295 | 0.0274 | 0.0274 | 0.0274 | 0.0000 | 64.6015 | 64.6015 | 0.0182 | 0.0000 | 65.0561 |
| Total | 0.0601 | 0.5974 | 0.4097 | 7.4000e-004 | 0.0149 | 0.0295 | 0.0444 | 2.2500e-003 | 0.0274 | 0.0296 | 0.0000 | 64.6015 | 64.6015 | 0.0182 | 0.0000 | 65.0561 |

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3.2 Demolition - 2021

Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|--------------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 4.7000e-004 | 0.0174 | 3.9700e-003 | 5.0000e-005 | 6.8800e-003 | 6.0000e-005 | 6.9400e-003 | 1.7200e-003 | 6.0000e-005 | 1.7800e-003 | 0.0000 | 4.9811 | 4.9811 | 2.9000e-004 | 0.0000 | 4.9883 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.9000e-004 | 6.4000e-004 | 7.2100e-003 | 2.0000e-005 | 2.0900e-003 | 1.0000e-005 | 2.1100e-003 | 5.6000e-004 | 1.0000e-005 | 5.7000e-004 | 0.0000 | 1.7915 | 1.7915 | 5.0000e-005 | 0.0000 | 1.7926 |
| Total | 1.4600e-003 | 0.0180 | 0.0112 | 7.0000e-005 | 8.9700e-003 | 7.0000e-005 | 9.0500e-003 | 2.2800e-003 | 7.0000e-005 | 2.3500e-003 | 0.0000 | 6.7725 | 6.7725 | 3.4000e-004 | 0.0000 | 6.7809 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Fugitive Dust | | | | | 0.0149 | 0.0000 | 0.0149 | 2.2500e-003 | 0.0000 | 2.2500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0601 | 0.5974 | 0.4097 | 7.4000e-004 | 0.0295 | 0.0295 | 0.0295 | 0.0274 | 0.0274 | 0.0274 | 0.0000 | 64.6014 | 64.6014 | 0.0182 | 0.0000 | 65.0560 |
| Total | 0.0601 | 0.5974 | 0.4097 | 7.4000e-004 | 0.0149 | 0.0295 | 0.0444 | 2.2500e-003 | 0.0274 | 0.0296 | 0.0000 | 64.6014 | 64.6014 | 0.0182 | 0.0000 | 65.0560 |

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3.2 Demolition - 2021

Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|--------------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 4.7000e-004 | 0.0174 | 3.9700e-003 | 5.0000e-005 | 6.8800e-003 | 6.0000e-005 | 6.9400e-003 | 1.7200e-003 | 6.0000e-005 | 1.7800e-003 | 0.0000 | 4.9811 | 4.9811 | 2.9000e-004 | 0.0000 | 4.9883 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 9.9000e-004 | 6.4000e-004 | 7.2100e-003 | 2.0000e-005 | 2.0900e-003 | 1.0000e-005 | 2.1100e-003 | 5.6000e-004 | 1.0000e-005 | 5.7000e-004 | 0.0000 | 1.7915 | 1.7915 | 5.0000e-005 | 0.0000 | 1.7926 |
| Total | 1.4600e-003 | 0.0180 | 0.0112 | 7.0000e-005 | 8.9700e-003 | 7.0000e-005 | 9.0500e-003 | 2.2800e-003 | 7.0000e-005 | 2.3500e-003 | 0.0000 | 6.7725 | 6.7725 | 3.4000e-004 | 0.0000 | 6.7809 |

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Fugitive Dust | | | | | 1.6260 | 0.0000 | 1.6260 | 0.8938 | 0.0000 | 0.8938 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3499 | 3.6447 | 1.9039 | 3.4200e-003 | | 0.1840 | 0.1840 | 0.1693 | 0.1693 | 0.1693 | 0.0000 | 300.9215 | 300.9215 | 0.0973 | 0.0000 | 303.3546 |
| Total | 0.3499 | 3.6447 | 1.9039 | 3.4200e-003 | 1.6260 | 0.1840 | 1.8100 | 0.8938 | 0.1693 | 1.0630 | 0.0000 | 300.9215 | 300.9215 | 0.0973 | 0.0000 | 303.3546 |

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3.3 Site Preparation - 2021
Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 5.6100e-003 | 3.6700e-003 | 0.0410 | 1.1000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 8.0000e-005 | 3.2400e-003 | 0.0000 | 10.1830 | 10.1830 | 2.7000e-004 | 0.0000 | 10.1897 |
| Total | 5.6100e-003 | 3.6700e-003 | 0.0410 | 1.1000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 8.0000e-005 | 3.2400e-003 | 0.0000 | 10.1830 | 10.1830 | 2.7000e-004 | 0.0000 | 10.1897 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Fugitive Dust | | | | | 1.6260 | 0.0000 | 1.6260 | 0.8938 | 0.0000 | 0.8938 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.3499 | 3.6447 | 1.9039 | 3.4200e-003 | | 0.1840 | 0.1840 | 0.1693 | 0.1693 | 0.1693 | 0.0000 | 300.9211 | 300.9211 | 0.0973 | 0.0000 | 303.3542 |
| Total | 0.3499 | 3.6447 | 1.9039 | 3.4200e-003 | 1.6260 | 0.1840 | 1.8100 | 0.8938 | 0.1693 | 1.0630 | 0.0000 | 300.9211 | 300.9211 | 0.0973 | 0.0000 | 303.3542 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.3 Site Preparation - 2021
Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 5.6100e-003 | 3.6700e-003 | 0.0410 | 1.1000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 8.0000e-005 | 3.2400e-003 | 0.0000 | 10.1830 | 10.1830 | 2.7000e-004 | 0.0000 | 10.1897 |
| Total | 5.6100e-003 | 3.6700e-003 | 0.0410 | 1.1000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 8.0000e-005 | 3.2400e-003 | 0.0000 | 10.1830 | 10.1830 | 2.7000e-004 | 0.0000 | 10.1897 |

3.4 Grading - 2021
Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Fugitive Dust | | | | | 0.7459 | 0.0000 | 0.7459 | 0.1377 | 0.0000 | 0.1377 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0901 | 0.9976 | 0.6639 | 1.3300e-003 | 0.0427 | 0.0427 | 0.0427 | 0.0393 | 0.0393 | 0.0393 | 0.0000 | 117.1642 | 117.1642 | 0.0379 | 0.0000 | 118.1115 |
| Total | 0.0901 | 0.9976 | 0.6639 | 1.3300e-003 | 0.7459 | 0.0427 | 0.7886 | 0.1377 | 0.0393 | 0.1770 | 0.0000 | 117.1642 | 117.1642 | 0.0379 | 0.0000 | 118.1115 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.4 Grading - 2021

Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 1.4900e-003 | 9.7000e-004 | 0.0109 | 3.0000e-005 | 3.1600e-003 | 2.0000e-005 | 3.1800e-003 | 8.4000e-004 | 2.0000e-005 | 8.6000e-004 | 0.0000 | 2.7029 | 2.7029 | 7.0000e-005 | 0.0000 | 2.7047 |
| Total | 1.4900e-003 | 9.7000e-004 | 0.0109 | 3.0000e-005 | 3.1600e-003 | 2.0000e-005 | 3.1800e-003 | 8.4000e-004 | 2.0000e-005 | 8.6000e-004 | 0.0000 | 2.7029 | 2.7029 | 7.0000e-005 | 0.0000 | 2.7047 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Fugitive Dust | | | | | 0.7459 | 0.0000 | 0.7459 | 0.1377 | 0.0000 | 0.1377 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0901 | 0.9976 | 0.6639 | 1.3300e-003 | 0.0427 | 0.0427 | 0.0427 | 0.0393 | 0.0393 | 0.0393 | 0.0000 | 117.1641 | 117.1641 | 0.0379 | 0.0000 | 118.1114 |
| Total | 0.0901 | 0.9976 | 0.6639 | 1.3300e-003 | 0.7459 | 0.0427 | 0.7886 | 0.1377 | 0.0393 | 0.1770 | 0.0000 | 117.1641 | 117.1641 | 0.0379 | 0.0000 | 118.1114 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.4 Grading - 2021

Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 1.4900e-003 | 9.7000e-004 | 0.0109 | 3.0000e-005 | 3.1600e-003 | 2.0000e-005 | 3.1800e-003 | 8.4000e-004 | 2.0000e-005 | 8.6000e-004 | 0.0000 | 2.7029 | 2.7029 | 7.0000e-005 | 0.0000 | 2.7047 |
| Total | 1.4900e-003 | 9.7000e-004 | 0.0109 | 3.0000e-005 | 3.1600e-003 | 2.0000e-005 | 3.1800e-003 | 8.4000e-004 | 2.0000e-005 | 8.6000e-004 | 0.0000 | 2.7029 | 2.7029 | 7.0000e-005 | 0.0000 | 2.7047 |

3.4 Grading - 2022

Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Fugitive Dust | | | | | 1.3993 | 0.0000 | 1.3993 | 0.4969 | 0.0000 | 0.4969 | 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 | 0.2125 | 0.1955 | 0.0000 | 708.9498 | 708.9498 | 0.2293 | 0.0000 | 714.6820 |
| Total | 0.4712 | 5.0497 | 3.7754 | 8.0700e-003 | 1.3993 | 0.2125 | 1.6118 | 0.4969 | 0.2125 | 0.6924 | 0.0000 | 708.9498 | 708.9498 | 0.2293 | 0.0000 | 714.6820 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.4 Grading - 2022

Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.4100e-003 | 5.2900e-003 | 0.0605 | 1.7000e-004 | 0.0191 | 1.3000e-004 | 0.0192 | 5.0800e-003 | 1.2000e-004 | 5.2000e-003 | 0.0000 | 15.7577 | 15.7577 | 3.9000e-004 | 0.0000 | 15.7673 |
| Total | 8.4100e-003 | 5.2900e-003 | 0.0605 | 1.7000e-004 | 0.0191 | 1.3000e-004 | 0.0192 | 5.0800e-003 | 1.2000e-004 | 5.2000e-003 | 0.0000 | 15.7577 | 15.7577 | 3.9000e-004 | 0.0000 | 15.7673 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Fugitive Dust | | | | | 1.3993 | 0.0000 | 1.3993 | 0.4969 | 0.0000 | 0.4969 | 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 | 0.1955 | 0.0000 | 708.9490 | 708.9490 | 0.2293 | 0.0000 | 714.6812 |
| Total | 0.4712 | 5.0497 | 3.7754 | 8.0700e-003 | 1.3993 | 0.2125 | 1.6118 | 0.4969 | 0.1955 | 0.6924 | 0.0000 | 708.9490 | 708.9490 | 0.2293 | 0.0000 | 714.6812 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.4 Grading - 2022

Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.4100e-003 | 5.2900e-003 | 0.0605 | 1.7000e-004 | 0.0191 | 1.3000e-004 | 0.0192 | 5.0800e-003 | 1.2000e-004 | 5.2000e-003 | 0.0000 | 15.7577 | 15.7577 | 3.9000e-004 | 0.0000 | 15.7673 |
| Total | 8.4100e-003 | 5.2900e-003 | 0.0605 | 1.7000e-004 | 0.0191 | 1.3000e-004 | 0.0192 | 5.0800e-003 | 1.2000e-004 | 5.2000e-003 | 0.0000 | 15.7577 | 15.7577 | 3.9000e-004 | 0.0000 | 15.7673 |

3.4 Grading - 2023

Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Fugitive Dust | | | | | 1.1042 | 0.0000 | 1.1042 | 0.3347 | 0.0000 | 0.3347 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.2691 | 2.7958 | 2.2721 | 5.0300e-003 | | 0.1154 | 0.1154 | 0.1062 | 0.1062 | 0.1062 | 0.0000 | 441.7352 | 441.7352 | 0.1429 | 0.0000 | 445.3068 |
| Total | 0.2691 | 2.7958 | 2.2721 | 5.0300e-003 | 1.1042 | 0.1154 | 1.2196 | 0.3347 | 0.1062 | 0.4408 | 0.0000 | 441.7352 | 441.7352 | 0.1429 | 0.0000 | 445.3068 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.4 Grading - 2023

Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 4.9100e-003 | 2.9700e-003 | 0.0346 | 1.0000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 7.0000e-005 | 3.2400e-003 | 0.0000 | 9.4496 | 9.4496 | 2.2000e-004 | 0.0000 | 9.4549 |
| Total | 4.9100e-003 | 2.9700e-003 | 0.0346 | 1.0000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 7.0000e-005 | 3.2400e-003 | 0.0000 | 9.4496 | 9.4496 | 2.2000e-004 | 0.0000 | 9.4549 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Fugitive Dust | | | | | 1.1042 | 0.0000 | 1.1042 | 0.3347 | 0.0000 | 0.3347 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.2691 | 2.7958 | 2.2721 | 5.0300e-003 | | 0.1154 | 0.1154 | 0.1062 | 0.1062 | 0.1062 | 0.0000 | 441.7347 | 441.7347 | 0.1429 | 0.0000 | 445.3063 |
| Total | 0.2691 | 2.7958 | 2.2721 | 5.0300e-003 | 1.1042 | 0.1154 | 1.2196 | 0.3347 | 0.1062 | 0.4408 | 0.0000 | 441.7347 | 441.7347 | 0.1429 | 0.0000 | 445.3063 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.4 Grading - 2023

Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 4.9100e-003 | 2.9700e-003 | 0.0346 | 1.0000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 7.0000e-005 | 3.2400e-003 | 0.0000 | 9.4496 | 9.4496 | 2.2000e-004 | 0.0000 | 9.4549 |
| Total | 4.9100e-003 | 2.9700e-003 | 0.0346 | 1.0000e-004 | 0.0119 | 8.0000e-005 | 0.0120 | 3.1600e-003 | 7.0000e-005 | 3.2400e-003 | 0.0000 | 9.4496 | 9.4496 | 2.2000e-004 | 0.0000 | 9.4549 |

3.5 Building Construction - 2023

Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Off-Road | 0.0771 | 0.7049 | 0.7960 | 1.3200e-003 | | 0.0343 | 0.0343 | | 0.0323 | 0.0323 | 0.0000 | 113.5843 | 113.5843 | 0.0270 | 0.0000 | 114.2598 |
| Total | 0.0771 | 0.7049 | 0.7960 | 1.3200e-003 | | 0.0343 | 0.0343 | | 0.0323 | 0.0323 | 0.0000 | 113.5843 | 113.5843 | 0.0270 | 0.0000 | 114.2598 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2023
Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1291 | 4.5937 | 1.2480 | 0.0133 | 0.3271 | 6.6000e-003 | 0.3337 | 0.0945 | 6.3100e-003 | 0.1008 | 0.0000 | 1,277.4267 | 1,277.4267 | 0.0654 | 0.0000 | 1,279.0623 |
| Worker | 0.7550 | 0.4563 | 5.3242 | 0.0161 | 1.8307 | 0.0122 | 1.8428 | 0.4869 | 0.0112 | 0.4981 | 0.0000 | 1,453.9651 | 1,453.9651 | 0.0331 | 0.0000 | 1,454.7935 |
| Total | 0.8841 | 5.0500 | 6.5722 | 0.0294 | 2.1578 | 0.0188 | 2.1765 | 0.5814 | 0.0175 | 0.5989 | 0.0000 | 2,731.3918 | 2,731.3918 | 0.0986 | 0.0000 | 2,733.8558 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Off-Road | 0.0771 | 0.7049 | 0.7960 | 1.3200e-003 | | 0.0343 | 0.0343 | | 0.0323 | 0.0323 | 0.0000 | 113.5842 | 113.5842 | 0.0270 | 0.0000 | 114.2597 |
| Total | 0.0771 | 0.7049 | 0.7960 | 1.3200e-003 | | 0.0343 | 0.0343 | | 0.0323 | 0.0323 | 0.0000 | 113.5842 | 113.5842 | 0.0270 | 0.0000 | 114.2597 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2023

Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1291 | 4.5937 | 1.2480 | 0.0133 | 0.3271 | 6.6000e-003 | 0.3337 | 0.0945 | 6.3100e-003 | 0.1008 | 0.0000 | 1,277.4267 | 1,277.4267 | 0.0654 | 0.0000 | 1,279.0623 |
| Worker | 0.7550 | 0.4563 | 5.3242 | 0.0161 | 1.8307 | 0.0122 | 1.8428 | 0.4869 | 0.0112 | 0.4981 | 0.0000 | 1,453.9651 | 1,453.9651 | 0.0331 | 0.0000 | 1,454.7935 |
| Total | 0.8841 | 5.0500 | 6.5722 | 0.0294 | 2.1578 | 0.0188 | 2.1765 | 0.5814 | 0.0175 | 0.5989 | 0.0000 | 2,731.3918 | 2,731.3918 | 0.0986 | 0.0000 | 2,733.8558 |

3.5 Building Construction - 2024

Unmitigated Construction On-Site

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

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2024
Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.3290 | 12.0466 | 3.1191 | 0.0353 | 0.8744 | 0.0168 | 0.8911 | 0.2527 | 0.0160 | 0.2687 | 0.0000 | 3,395.3350 | 3,395.3350 | 0.1728 | 0.0000 | 3,399.6545 |
| Worker | 1.8980 | 1.1026 | 13.1818 | 0.0413 | 4.8943 | 0.0318 | 4.9261 | 1.3017 | 0.0293 | 1.3310 | 0.0000 | 3,736.0259 | 3,736.0259 | 0.0799 | 0.0000 | 3,738.0237 |
| Total | 2.2270 | 13.1492 | 16.3009 | 0.0766 | 5.7686 | 0.0486 | 5.8172 | 1.5544 | 0.0453 | 1.5997 | 0.0000 | 7,131.3609 | 7,131.3609 | 0.2527 | 0.0000 | 7,137.6782 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2024
Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.3290 | 12.0466 | 3.1191 | 0.0353 | 0.8744 | 0.0168 | 0.8911 | 0.2527 | 0.0160 | 0.2687 | 0.0000 | 3,395.3350 | 3,395.3350 | 0.1728 | 0.0000 | 3,399.6545 |
| Worker | 1.8980 | 1.1026 | 13.1818 | 0.0413 | 4.8943 | 0.0318 | 4.9261 | 1.3017 | 0.0293 | 1.3310 | 0.0000 | 3,736.0259 | 3,736.0259 | 0.0799 | 0.0000 | 3,738.0237 |
| Total | 2.2270 | 13.1492 | 16.3009 | 0.0766 | 5.7686 | 0.0486 | 5.8172 | 1.5544 | 0.0453 | 1.5997 | 0.0000 | 7,131.3609 | 7,131.3609 | 0.2527 | 0.0000 | 7,137.6782 |

3.5 Building Construction - 2025
Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2025
Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.3143 | 11.7782 | 2.9420 | 0.0349 | 0.8710 | 0.0158 | 0.8868 | 0.2517 | 0.0151 | 0.2668 | 0.0000 | 3,363.2835 | 3,363.2835 | 0.1701 | 0.0000 | 3,367.5360 |
| Worker | 1.7856 | 0.9974 | 12.1634 | 0.0395 | 4.8756 | 0.0311 | 4.9067 | 1.2968 | 0.0286 | 1.3254 | 0.0000 | 3,572.7593 | 3,572.7593 | 0.0722 | 0.0000 | 3,574.5631 |
| Total | 2.0999 | 12.7756 | 15.1054 | 0.0744 | 5.7465 | 0.0469 | 5.7935 | 1.5484 | 0.0438 | 1.5922 | 0.0000 | 6,936.0428 | 6,936.0428 | 0.2423 | 0.0000 | 6,942.0991 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2025

Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.3143 | 11.7782 | 2.9420 | 0.0349 | 0.8710 | 0.0158 | 0.8868 | 0.2517 | 0.0151 | 0.2668 | 0.0000 | 3,363.2835 | 3,363.2835 | 0.1701 | 0.0000 | 3,367.5360 |
| Worker | 1.7856 | 0.9974 | 12.1634 | 0.0395 | 4.8756 | 0.0311 | 4.9067 | 1.2968 | 0.0286 | 1.3254 | 0.0000 | 3,572.7593 | 3,572.7593 | 0.0722 | 0.0000 | 3,574.5631 |
| Total | 2.0999 | 12.7756 | 15.1054 | 0.0744 | 5.7465 | 0.0469 | 5.7935 | 1.5484 | 0.0438 | 1.5922 | 0.0000 | 6,936.0428 | 6,936.0428 | 0.2423 | 0.0000 | 6,942.0991 |

3.5 Building Construction - 2026

Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2026
Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.3025 | 11.5666 | 2.8075 | 0.0347 | 0.8709 | 0.0150 | 0.8858 | 0.2516 | 0.0143 | 0.2660 | 0.0000 | 3,345.1447 | 3,345.1447 | 0.1683 | 0.0000 | 3,349.3513 |
| Worker | 1.6927 | 0.9112 | 11.3211 | 0.0380 | 4.8756 | 0.0302 | 4.9058 | 1.2968 | 0.0278 | 1.3245 | 0.0000 | 3,440.0169 | 3,440.0169 | 0.0657 | 0.0000 | 3,441.6589 |
| Total | 1.9952 | 12.4777 | 14.1286 | 0.0727 | 5.7465 | 0.0452 | 5.7916 | 1.5484 | 0.0421 | 1.5905 | 0.0000 | 6,785.1615 | 6,785.1615 | 0.2339 | 0.0000 | 6,791.0102 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2026
Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.3025 | 11.5666 | 2.8075 | 0.0347 | 0.8709 | 0.0150 | 0.8858 | 0.2516 | 0.0143 | 0.2660 | 0.0000 | 3,345.1447 | 3,345.1447 | 0.1683 | 0.0000 | 3,349.3513 |
| Worker | 1.6927 | 0.9112 | 11.3211 | 0.0380 | 4.8756 | 0.0302 | 4.9058 | 1.2968 | 0.0278 | 1.3245 | 0.0000 | 3,440.0169 | 3,440.0169 | 0.0657 | 0.0000 | 3,441.6589 |
| Total | 1.9952 | 12.4777 | 14.1286 | 0.0727 | 5.7465 | 0.0452 | 5.7916 | 1.5484 | 0.0421 | 1.5905 | 0.0000 | 6,785.1615 | 6,785.1615 | 0.2339 | 0.0000 | 6,791.0102 |

3.5 Building Construction - 2027
Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2027
Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2921 | 11.3720 | 2.6905 | 0.0345 | 0.8708 | 0.0142 | 0.8851 | 0.2516 | 0.0136 | 0.2652 | 0.0000 | 3,328.0870 | 3,328.0870 | 0.1665 | 0.0000 | 3,332.2489 |
| Worker | 1.6016 | 0.8337 | 10.5608 | 0.0367 | 4.8756 | 0.0287 | 4.9043 | 1.2968 | 0.0264 | 1.3232 | 0.0000 | 3,321.1875 | 3,321.1875 | 0.0598 | 0.0000 | 3,322.6835 |
| Total | 1.8938 | 12.2057 | 13.2512 | 0.0712 | 5.7464 | 0.0429 | 5.7893 | 1.5484 | 0.0400 | 1.5884 | 0.0000 | 6,649.2745 | 6,649.2745 | 0.2263 | 0.0000 | 6,654.9324 |

Mitigated Construction On-Site

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

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2027

Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2921 | 11.3720 | 2.6905 | 0.0345 | 0.8708 | 0.0142 | 0.8851 | 0.2516 | 0.0136 | 0.2652 | 0.0000 | 3,328.0870 | 3,328.0870 | 0.1665 | 0.0000 | 3,332.2489 |
| Worker | 1.6016 | 0.8337 | 10.5608 | 0.0367 | 4.8756 | 0.0287 | 4.9043 | 1.2968 | 0.0264 | 1.3232 | 0.0000 | 3,321.1875 | 3,321.1875 | 0.0598 | 0.0000 | 3,322.6835 |
| Total | 1.8938 | 12.2057 | 13.2512 | 0.0712 | 5.7464 | 0.0429 | 5.7893 | 1.5484 | 0.0400 | 1.5884 | 0.0000 | 6,649.2745 | 6,649.2745 | 0.2263 | 0.0000 | 6,654.9324 |

3.5 Building Construction - 2028

Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2028
Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2819 | 11.1634 | 2.5817 | 0.0342 | 0.8674 | 0.0136 | 0.8810 | 0.2506 | 0.0130 | 0.2636 | 0.0000 | 3,300.8398 | 3,300.8398 | 0.1640 | 0.0000 | 3,304.9405 |
| Worker | 1.5015 | 0.7620 | 9.8525 | 0.0354 | 4.8569 | 0.0267 | 4.8836 | 1.2918 | 0.0246 | 1.3163 | 0.0000 | 3,203.3805 | 3,203.3805 | 0.0546 | 0.0000 | 3,204.7451 |
| Total | 1.7834 | 11.9255 | 12.4342 | 0.0696 | 5.7243 | 0.0402 | 5.7646 | 1.5424 | 0.0375 | 1.5799 | 0.0000 | 6,504.2203 | 6,504.2203 | 0.2186 | 0.0000 | 6,509.6856 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2028
Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2819 | 11.1634 | 2.5817 | 0.0342 | 0.8674 | 0.0136 | 0.8810 | 0.2506 | 0.0130 | 0.2636 | 0.0000 | 3,300.8398 | 3,300.8398 | 0.1640 | 0.0000 | 3,304.9405 |
| Worker | 1.5015 | 0.7620 | 9.8525 | 0.0354 | 4.8569 | 0.0267 | 4.8836 | 1.2918 | 0.0246 | 1.3163 | 0.0000 | 3,203.3805 | 3,203.3805 | 0.0546 | 0.0000 | 3,204.7451 |
| Total | 1.7834 | 11.9255 | 12.4342 | 0.0696 | 5.7243 | 0.0402 | 5.7646 | 1.5424 | 0.0375 | 1.5799 | 0.0000 | 6,504.2203 | 6,504.2203 | 0.2186 | 0.0000 | 6,509.6856 |

3.5 Building Construction - 2029
Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2029
Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------|------------------|---------------|---------------|------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2747 | 11.0487 | 2.5089 | 0.0342 | 0.8707 | 0.0130 | 0.8837 | 0.2516 | 0.0124 | 0.2640 | 0.0000 | 3,300.290 | 3,300.290 | 0.1628 | 0.0000 | 3,304.361 |
| Worker | 1.4044 | 0.7008 | 9.2467 | 0.0345 | 4.8756 | 0.0249 | 4.9005 | 1.2968 | 0.0230 | 1.3197 | 0.0000 | 3,122.211 | 3,122.211 | 0.0500 | 0.0000 | 3,123.461 |
| Total | 1.6791 | 11.7496 | 11.7556 | 0.0687 | 5.7463 | 0.0379 | 5.7842 | 1.5483 | 0.0353 | 1.5837 | 0.0000 | 6,422.501 | 6,422.501 | 0.2128 | 0.0000 | 6,427.822 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2029
Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------|------------------|---------------|---------------|------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2747 | 11.0487 | 2.5089 | 0.0342 | 0.8707 | 0.0130 | 0.8837 | 0.2516 | 0.0124 | 0.2640 | 0.0000 | 3,300.290 | 3,300.290 | 0.1628 | 0.0000 | 3,304.361 |
| Worker | 1.4044 | 0.7008 | 9.2467 | 0.0345 | 4.8756 | 0.0249 | 4.9005 | 1.2968 | 0.0230 | 1.3197 | 0.0000 | 3,122.211 | 3,122.211 | 0.0500 | 0.0000 | 3,123.461 |
| Total | 1.6791 | 11.7496 | 11.7556 | 0.0687 | 5.7463 | 0.0379 | 5.7842 | 1.5483 | 0.0353 | 1.5837 | 0.0000 | 6,422.501 | 6,422.501 | 0.2128 | 0.0000 | 6,427.822 |

3.5 Building Construction - 2030
Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Off-Road | 0.1708 | 1.0355 | 2.1085 | 4.0400e-003 | | 0.0193 | 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 | 0.0193 | 0.0000 | 343.0336 | 343.0336 | 0.0138 | 0.0000 | 343.3777 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2030
Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2672 | 10.9011 | 2.4408 | 0.0341 | 0.8707 | 0.0123 | 0.8830 | 0.2516 | 0.0118 | 0.2633 | 0.0000 | 3,288.4638 | 3,288.4638 | 0.1610 | 0.0000 | 3,292.4879 |
| Worker | 1.3049 | 0.6429 | 8.6675 | 0.0336 | 4.8756 | 0.0232 | 4.8988 | 1.2968 | 0.0214 | 1.3181 | 0.0000 | 3,039.8531 | 3,039.8531 | 0.0457 | 0.0000 | 3,040.9961 |
| Total | 1.5722 | 11.5441 | 11.1082 | 0.0677 | 5.7463 | 0.0355 | 5.7818 | 1.5483 | 0.0331 | 1.5814 | 0.0000 | 6,328.3169 | 6,328.3169 | 0.2067 | 0.0000 | 6,333.4840 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Off-Road | 0.1708 | 1.0355 | 2.1085 | 4.0400e-003 | | 0.0193 | 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 | 0.0193 | 0.0000 | 343.0332 | 343.0332 | 0.0138 | 0.0000 | 343.3773 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2030
Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2672 | 10.9011 | 2.4408 | 0.0341 | 0.8707 | 0.0123 | 0.8830 | 0.2516 | 0.0118 | 0.2633 | 0.0000 | 3,288.4638 | 3,288.4638 | 0.1610 | 0.0000 | 3,292.4879 |
| Worker | 1.3049 | 0.6429 | 8.6675 | 0.0336 | 4.8756 | 0.0232 | 4.8988 | 1.2968 | 0.0214 | 1.3181 | 0.0000 | 3,039.8531 | 3,039.8531 | 0.0457 | 0.0000 | 3,040.9961 |
| Total | 1.5722 | 11.5441 | 11.1082 | 0.0677 | 5.7463 | 0.0355 | 5.7818 | 1.5483 | 0.0331 | 1.5814 | 0.0000 | 6,328.3169 | 6,328.3169 | 0.2067 | 0.0000 | 6,333.4840 |

3.5 Building Construction - 2031
Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Off-Road | 0.1708 | 1.0355 | 2.1085 | 4.0400e-003 | 0.0193 | 0.0193 | 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 | 0.0193 | 0.0193 | 0.0000 | 343.0336 | 343.0336 | 0.0138 | 0.0000 | 343.3777 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2031
Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2609 | 10.7672 | 2.3849 | 0.0340 | 0.8706 | 0.0117 | 0.8823 | 0.2516 | 0.0112 | 0.2627 | 0.0000 | 3,278.4075 | 3,278.4075 | 0.1593 | 0.0000 | 3,282.3910 |
| Worker | 1.1996 | 0.5883 | 8.1147 | 0.0328 | 4.8756 | 0.0216 | 4.8972 | 1.2968 | 0.0199 | 1.3166 | 0.0000 | 2,967.6049 | 2,967.6049 | 0.0417 | 0.0000 | 2,968.6476 |
| Total | 1.4605 | 11.3555 | 10.4996 | 0.0668 | 5.7462 | 0.0333 | 5.7795 | 1.5483 | 0.0311 | 1.5794 | 0.0000 | 6,246.0124 | 6,246.0124 | 0.2011 | 0.0000 | 6,251.0386 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Off-Road | 0.1708 | 1.0355 | 2.1085 | 4.0400e-003 | | 0.0193 | 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 | 0.0193 | 0.0000 | 343.0332 | 343.0332 | 0.0138 | 0.0000 | 343.3773 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2031

Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2609 | 10.7672 | 2.3849 | 0.0340 | 0.8706 | 0.0117 | 0.8823 | 0.2516 | 0.0112 | 0.2627 | 0.0000 | 3,278.4075 | 3,278.4075 | 0.1593 | 0.0000 | 3,282.3910 |
| Worker | 1.1996 | 0.5883 | 8.1147 | 0.0328 | 4.8756 | 0.0216 | 4.8972 | 1.2968 | 0.0199 | 1.3166 | 0.0000 | 2,967.6049 | 2,967.6049 | 0.0417 | 0.0000 | 2,968.6476 |
| Total | 1.4605 | 11.3555 | 10.4996 | 0.0668 | 5.7462 | 0.0333 | 5.7795 | 1.5483 | 0.0311 | 1.5794 | 0.0000 | 6,246.0124 | 6,246.0124 | 0.2011 | 0.0000 | 6,251.0386 |

3.5 Building Construction - 2032

Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Off-Road | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3479 | 344.3479 | 0.0138 | 0.0000 | 344.6933 |
| Total | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3479 | 344.3479 | 0.0138 | 0.0000 | 344.6933 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2032
Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2567 | 10.6836 | 2.3496 | 0.0340 | 0.8739 | 0.0113 | 0.8852 | 0.2525 | 0.0108 | 0.2633 | 0.0000 | 3,282.724 2 | 3,282.724 2 | 0.1585 | 0.0000 | 3,286.687 0 |
| Worker | 1.1096 | 0.5432 | 7.6571 | 0.0322 | 4.8943 | 0.0202 | 4.9145 | 1.3017 | 0.0186 | 1.3203 | 0.0000 | 2,915.828 5 | 2,915.828 5 | 0.0384 | 0.0000 | 2,916.787 5 |
| Total | 1.3663 | 11.2269 | 10.0067 | 0.0662 | 5.7682 | 0.0315 | 5.7997 | 1.5542 | 0.0294 | 1.5836 | 0.0000 | 6,198.552 6 | 6,198.552 6 | 0.1969 | 0.0000 | 6,203.474 5 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Off-Road | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3475 | 344.3475 | 0.0138 | 0.0000 | 344.6929 |
| Total | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3475 | 344.3475 | 0.0138 | 0.0000 | 344.6929 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2032

Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|---------------|------------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2567 | 10.6836 | 2.3496 | 0.0340 | 0.8739 | 0.0113 | 0.8852 | 0.2525 | 0.0108 | 0.2633 | 0.0000 | 3,282.724 2 | 3,282.724 2 | 0.1585 | 0.0000 | 3,286.687 0 |
| Worker | 1.1096 | 0.5432 | 7.6571 | 0.0322 | 4.8943 | 0.0202 | 4.9145 | 1.3017 | 0.0186 | 1.3203 | 0.0000 | 2,915.828 5 | 2,915.828 5 | 0.0384 | 0.0000 | 2,916.787 5 |
| Total | 1.3663 | 11.2269 | 10.0067 | 0.0662 | 5.7682 | 0.0315 | 5.7997 | 1.5542 | 0.0294 | 1.5836 | 0.0000 | 6,198.552 6 | 6,198.552 6 | 0.1969 | 0.0000 | 6,203.474 5 |

3.5 Building Construction - 2033

Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Off-Road | 0.0753 | 0.4562 | 0.9290 | 1.7800e-003 | | 8.5200e-003 | 8.5200e-003 | | 8.5200e-003 | 8.5200e-003 | 0.0000 | 151.1451 | 151.1451 | 6.0600e-003 | 0.0000 | 151.2967 |
| Total | 0.0753 | 0.4562 | 0.9290 | 1.7800e-003 | | 8.5200e-003 | 8.5200e-003 | | 8.5200e-003 | 8.5200e-003 | 0.0000 | 151.1451 | 151.1451 | 6.0600e-003 | 0.0000 | 151.2967 |

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3.5 Building Construction - 2033
Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1107 | 4.6407 | 1.0148 | 0.0149 | 0.3836 | 4.7700e-003 | 0.3884 | 0.1108 | 4.5600e-003 | 0.1154 | 0.0000 | 1,437.7280 | 1,437.7280 | 0.0690 | 0.0000 | 1,439.4535 |
| Worker | 0.4532 | 0.2215 | 3.1803 | 0.0139 | 2.1483 | 8.2600e-003 | 2.1565 | 0.5714 | 7.6000e-003 | 0.5790 | 0.0000 | 1,255.9547 | 1,255.9547 | 0.0156 | 0.0000 | 1,256.3436 |
| Total | 0.5639 | 4.8621 | 4.1950 | 0.0288 | 2.5318 | 0.0130 | 2.5449 | 0.6822 | 0.0122 | 0.6944 | 0.0000 | 2,693.6827 | 2,693.6827 | 0.0846 | 0.0000 | 2,695.7970 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Off-Road | 0.0753 | 0.4562 | 0.9290 | 1.7800e-003 | | 8.5200e-003 | 8.5200e-003 | | 8.5200e-003 | 8.5200e-003 | 0.0000 | 151.1449 | 151.1449 | 6.0600e-003 | 0.0000 | 151.2965 |
| Total | 0.0753 | 0.4562 | 0.9290 | 1.7800e-003 | | 8.5200e-003 | 8.5200e-003 | | 8.5200e-003 | 8.5200e-003 | 0.0000 | 151.1449 | 151.1449 | 6.0600e-003 | 0.0000 | 151.2965 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.5 Building Construction - 2033
Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1107 | 4.6407 | 1.0148 | 0.0149 | 0.3836 | 4.7700e-003 | 0.3884 | 0.1108 | 4.5600e-003 | 0.1154 | 0.0000 | 1,437.7280 | 1,437.7280 | 0.0690 | 0.0000 | 1,439.4535 |
| Worker | 0.4532 | 0.2215 | 3.1803 | 0.0139 | 2.1483 | 8.2600e-003 | 2.1565 | 0.5714 | 7.6000e-003 | 0.5790 | 0.0000 | 1,255.9547 | 1,255.9547 | 0.0156 | 0.0000 | 1,256.3436 |
| Total | 0.5639 | 4.8621 | 4.1950 | 0.0288 | 2.5318 | 0.0130 | 2.5449 | 0.6822 | 0.0122 | 0.6944 | 0.0000 | 2,693.6827 | 2,693.6827 | 0.0846 | 0.0000 | 2,695.7970 |

3.6 Paving - 2033
Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Off-Road | 0.1004 | 0.5162 | 1.1491 | 2.0300e-003 | | 0.0240 | 0.0240 | 0.0240 | 0.0240 | 0.0240 | 0.0000 | 174.7215 | 174.7215 | 8.1900e-003 | 0.0000 | 174.9263 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1004 | 0.5162 | 1.1491 | 2.0300e-003 | | 0.0240 | 0.0240 | | 0.0240 | 0.0240 | 0.0000 | 174.7215 | 174.7215 | 8.1900e-003 | 0.0000 | 174.9263 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.6 Paving - 2033

Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 1.6900e-003 | 8.2000e-004 | 0.0118 | 5.0000e-005 | 7.9900e-003 | 3.0000e-005 | 8.0200e-003 | 2.1200e-003 | 3.0000e-005 | 2.1500e-003 | 0.0000 | 4.6695 | 4.6695 | 6.0000e-005 | 0.0000 | 4.6710 |
| Total | 1.6900e-003 | 8.2000e-004 | 0.0118 | 5.0000e-005 | 7.9900e-003 | 3.0000e-005 | 8.0200e-003 | 2.1200e-003 | 3.0000e-005 | 2.1500e-003 | 0.0000 | 4.6695 | 4.6695 | 6.0000e-005 | 0.0000 | 4.6710 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Off-Road | 0.1004 | 0.5162 | 1.1491 | 2.0300e-003 | | 0.0240 | 0.0240 | | 0.0240 | 0.0240 | 0.0000 | 174.7213 | 174.7213 | 8.1900e-003 | 0.0000 | 174.9260 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1004 | 0.5162 | 1.1491 | 2.0300e-003 | | 0.0240 | 0.0240 | | 0.0240 | 0.0240 | 0.0000 | 174.7213 | 174.7213 | 8.1900e-003 | 0.0000 | 174.9260 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.6 Paving - 2033

Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 1.6900e-003 | 8.2000e-004 | 0.0118 | 5.0000e-005 | 7.9900e-003 | 3.0000e-005 | 8.0200e-003 | 2.1200e-003 | 3.0000e-005 | 2.1500e-003 | 0.0000 | 4.6695 | 4.6695 | 6.0000e-005 | 0.0000 | 4.6710 |
| Total | 1.6900e-003 | 8.2000e-004 | 0.0118 | 5.0000e-005 | 7.9900e-003 | 3.0000e-005 | 8.0200e-003 | 2.1200e-003 | 3.0000e-005 | 2.1500e-003 | 0.0000 | 4.6695 | 4.6695 | 6.0000e-005 | 0.0000 | 4.6710 |

3.6 Paving - 2034

Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Off-Road | 0.1281 | 0.6586 | 1.4661 | 2.5900e-003 | | 0.0306 | 0.0306 | | 0.0306 | 0.0306 | 0.0000 | 222.9205 | 222.9205 | 0.0105 | 0.0000 | 223.1818 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1281 | 0.6586 | 1.4661 | 2.5900e-003 | | 0.0306 | 0.0306 | | 0.0306 | 0.0306 | 0.0000 | 222.9205 | 222.9205 | 0.0105 | 0.0000 | 223.1818 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.6 Paving - 2034

Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | | |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.0100e-003 | 9.8000e-004 | 0.0143 | 6.0000e-005 | 0.0102 | 4.0000e-005 | 0.0102 | 2.7100e-003 | 3.0000e-005 | 2.7400e-003 | 0.0000 | 5.8598 | 5.8598 | 7.0000e-005 | 0.0000 | 0.0000 | 5.8615 |
| Total | 2.0100e-003 | 9.8000e-004 | 0.0143 | 6.0000e-005 | 0.0102 | 4.0000e-005 | 0.0102 | 2.7100e-003 | 3.0000e-005 | 2.7400e-003 | 0.0000 | 5.8598 | 5.8598 | 7.0000e-005 | 0.0000 | 0.0000 | 5.8615 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Off-Road | 0.1281 | 0.6586 | 1.4661 | 2.5900e-003 | | 0.0306 | 0.0306 | | 0.0306 | 0.0306 | 0.0000 | 222.9203 | 222.9203 | 0.0105 | 0.0000 | 223.1815 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1281 | 0.6586 | 1.4661 | 2.5900e-003 | | 0.0306 | 0.0306 | | 0.0306 | 0.0306 | 0.0000 | 222.9203 | 222.9203 | 0.0105 | 0.0000 | 223.1815 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.6 Paving - 2034

Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.0100e-003 | 9.8000e-004 | 0.0143 | 6.0000e-005 | 0.0102 | 4.0000e-005 | 0.0102 | 2.7100e-003 | 3.0000e-005 | 2.7400e-003 | 0.0000 | 5.8598 | 5.8598 | 7.0000e-005 | 0.0000 | 5.8615 |
| Total | 2.0100e-003 | 9.8000e-004 | 0.0143 | 6.0000e-005 | 0.0102 | 4.0000e-005 | 0.0102 | 2.7100e-003 | 3.0000e-005 | 2.7400e-003 | 0.0000 | 5.8598 | 5.8598 | 7.0000e-005 | 0.0000 | 5.8615 |

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 0.9105 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 6.4900e-003 | 0.0435 | 0.0688 | 1.1000e-004 | 1.9600e-003 | 1.9600e-003 | 1.9600e-003 | 1.9600e-003 | 1.9600e-003 | 1.9600e-003 | 0.0000 | 9.7024 | 9.7024 | 5.3000e-004 | 0.0000 | 9.7156 |
| Total | 0.9170 | 0.0435 | 0.0688 | 1.1000e-004 | 1.9600e-003 | 1.9600e-003 | 1.9600e-003 | 1.9600e-003 | 1.9600e-003 | 1.9600e-003 | 0.0000 | 9.7024 | 9.7024 | 5.3000e-004 | 0.0000 | 9.7156 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

**3.7 Architectural Coating - 2025
Unmitigated Construction Off-Site**

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1040 | 0.0581 | 0.7081 | 2.3000e-003 | 0.2838 | 1.8100e-003 | 0.2856 | 0.0755 | 1.6700e-003 | 0.0772 | 0.0000 | 207.9869 | 207.9869 | 4.2000e-003 | 0.0000 | 208.0919 |
| Total | 0.1040 | 0.0581 | 0.7081 | 2.3000e-003 | 0.2838 | 1.8100e-003 | 0.2856 | 0.0755 | 1.6700e-003 | 0.0772 | 0.0000 | 207.9869 | 207.9869 | 4.2000e-003 | 0.0000 | 208.0919 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 0.9105 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 6.4900e-003 | 0.0435 | 0.0688 | 1.1000e-004 | | 1.9600e-003 | 1.9600e-003 | 1.9600e-003 | 1.9600e-003 | 1.9600e-003 | 0.0000 | 9.7024 | 9.7024 | 5.3000e-004 | 0.0000 | 9.7156 |
| Total | 0.9170 | 0.0435 | 0.0688 | 1.1000e-004 | | 1.9600e-003 | 1.9600e-003 | 1.9600e-003 | 1.9600e-003 | 1.9600e-003 | 0.0000 | 9.7024 | 9.7024 | 5.3000e-004 | 0.0000 | 9.7156 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.7 Architectural Coating - 2025
Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1040 | 0.0581 | 0.7081 | 2.3000e-003 | 0.2838 | 1.8100e-003 | 0.2856 | 0.0755 | 1.6700e-003 | 0.0772 | 0.0000 | 207.9869 | 207.9869 | 4.2000e-003 | 0.0000 | 208.0919 |
| Total | 0.1040 | 0.0581 | 0.7081 | 2.3000e-003 | 0.2838 | 1.8100e-003 | 0.2856 | 0.0755 | 1.6700e-003 | 0.0772 | 0.0000 | 207.9869 | 207.9869 | 4.2000e-003 | 0.0000 | 208.0919 |

3.7 Architectural Coating - 2026
Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 3.1269 | | | | | 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 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 3.1492 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

**3.7 Architectural Coating - 2026
Unmitigated Construction Off-Site**

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3384 | 0.1822 | 2.2633 | 7.6000e-003 | 0.9747 | 6.0300e-003 | 0.9808 | 0.2593 | 5.5500e-003 | 0.2648 | 0.0000 | 687.7329 | 687.7329 | 0.0131 | 0.0000 | 688.0612 |
| Total | 0.3384 | 0.1822 | 2.2633 | 7.6000e-003 | 0.9747 | 6.0300e-003 | 0.9808 | 0.2593 | 5.5500e-003 | 0.2648 | 0.0000 | 687.7329 | 687.7329 | 0.0131 | 0.0000 | 688.0612 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 3.1269 | | | | | 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 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 3.1492 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.7 Architectural Coating - 2026
Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3384 | 0.1822 | 2.2633 | 7.6000e-003 | 0.9747 | 6.0300e-003 | 0.9808 | 0.2593 | 5.5500e-003 | 0.2648 | 0.0000 | 687.7329 | 687.7329 | 0.0131 | 0.0000 | 688.0612 |
| Total | 0.3384 | 0.1822 | 2.2633 | 7.6000e-003 | 0.9747 | 6.0300e-003 | 0.9808 | 0.2593 | 5.5500e-003 | 0.2648 | 0.0000 | 687.7329 | 687.7329 | 0.0131 | 0.0000 | 688.0612 |

3.7 Architectural Coating - 2027
Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 3.1269 | | | | | 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 | 3.1492 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.7 Architectural Coating - 2027
Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3202 | 0.1667 | 2.1113 | 7.3400e-003 | 0.9747 | 5.7400e-003 | 0.9805 | 0.2593 | 5.2800e-003 | 0.2645 | 0.0000 | 663.9763 | 663.9763 | 0.0120 | 0.0000 | 664.2754 |
| Total | 0.3202 | 0.1667 | 2.1113 | 7.3400e-003 | 0.9747 | 5.7400e-003 | 0.9805 | 0.2593 | 5.2800e-003 | 0.2645 | 0.0000 | 663.9763 | 663.9763 | 0.0120 | 0.0000 | 664.2754 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 3.1269 | | | | | 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 | 3.1492 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.7 Architectural Coating - 2027
Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3202 | 0.1667 | 2.1113 | 7.3400e-003 | 0.9747 | 5.7400e-003 | 0.9805 | 0.2593 | 5.2800e-003 | 0.2645 | 0.0000 | 663.9763 | 663.9763 | 0.0120 | 0.0000 | 664.2754 |
| Total | 0.3202 | 0.1667 | 2.1113 | 7.3400e-003 | 0.9747 | 5.7400e-003 | 0.9805 | 0.2593 | 5.2800e-003 | 0.2645 | 0.0000 | 663.9763 | 663.9763 | 0.0120 | 0.0000 | 664.2754 |

3.7 Architectural Coating - 2028
Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 3.1149 | | | | | 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 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2376 |
| Total | 3.1371 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.7 Architectural Coating - 2028
Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3002 | 0.1524 | 1.9697 | 7.0800e-003 | 0.9710 | 5.3300e-003 | 0.9763 | 0.2583 | 4.9100e-003 | 0.2632 | 0.0000 | 640.4242 | 640.4242 | 0.0109 | 0.0000 | 640.6970 |
| Total | 0.3002 | 0.1524 | 1.9697 | 7.0800e-003 | 0.9710 | 5.3300e-003 | 0.9763 | 0.2583 | 4.9100e-003 | 0.2632 | 0.0000 | 640.4242 | 640.4242 | 0.0109 | 0.0000 | 640.6970 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 3.1149 | | | | | 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 | 6.7000e-003 | 0.0000 | 33.1923 | 33.1923 | 1.8100e-003 | 0.0000 | 33.2375 |
| Total | 3.1371 | 0.1489 | 0.2352 | 3.9000e-004 | | 6.7000e-003 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.7 Architectural Coating - 2028
Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.3002 | 0.1524 | 1.9697 | 7.0800e-003 | 0.9710 | 5.3300e-003 | 0.9763 | 0.2583 | 4.9100e-003 | 0.2632 | 0.0000 | 640.4242 | 640.4242 | 0.0109 | 0.0000 | 640.6970 |
| Total | 0.3002 | 0.1524 | 1.9697 | 7.0800e-003 | 0.9710 | 5.3300e-003 | 0.9763 | 0.2583 | 4.9100e-003 | 0.2632 | 0.0000 | 640.4242 | 640.4242 | 0.0109 | 0.0000 | 640.6970 |

3.7 Architectural Coating - 2029
Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 3.1269 | | | | | 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 | 6.7200e-003 | 0.0000 | 33.3200 | 33.3200 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 3.1492 | 0.1495 | 0.2361 | 3.9000e-004 | | 6.7200e-003 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

**3.7 Architectural Coating - 2029
Unmitigated Construction Off-Site**

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.2808 | 0.1401 | 1.8486 | 6.9000e-003 | 0.9747 | 4.9900e-003 | 0.9797 | 0.2593 | 4.5900e-003 | 0.2638 | 0.0000 | 624.1968 | 624.1968 | 0.0100 | 0.0000 | 624.4467 |
| Total | 0.2808 | 0.1401 | 1.8486 | 6.9000e-003 | 0.9747 | 4.9900e-003 | 0.9797 | 0.2593 | 4.5900e-003 | 0.2638 | 0.0000 | 624.1968 | 624.1968 | 0.0100 | 0.0000 | 624.4467 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 3.1269 | | | | | 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 | 6.7200e-003 | 0.0000 | 33.3199 | 33.3199 | 1.8200e-003 | 0.0000 | 33.3654 |
| Total | 3.1492 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.7 Architectural Coating - 2029
Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.2808 | 0.1401 | 1.8486 | 6.9000e-003 | 0.9747 | 4.9900e-003 | 0.9797 | 0.2593 | 4.5900e-003 | 0.2638 | 0.0000 | 624.1968 | 624.1968 | 0.0100 | 0.0000 | 624.4467 |
| Total | 0.2808 | 0.1401 | 1.8486 | 6.9000e-003 | 0.9747 | 4.9900e-003 | 0.9797 | 0.2593 | 4.5900e-003 | 0.2638 | 0.0000 | 624.1968 | 624.1968 | 0.0100 | 0.0000 | 624.4467 |

3.7 Architectural Coating - 2030
Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 3.1269 | | | | | 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 | 3.1440 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.7 Architectural Coating - 2030
Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.2609 | 0.1285 | 1.7328 | 6.7100e-003 | 0.9747 | 4.6500e-003 | 0.9794 | 0.2593 | 4.2700e-003 | 0.2635 | 0.0000 | 607.7316 | 607.7316 | 9.1400e-003 | 0.0000 | 607.9601 |
| Total | 0.2609 | 0.1285 | 1.7328 | 6.7100e-003 | 0.9747 | 4.6500e-003 | 0.9794 | 0.2593 | 4.2700e-003 | 0.2635 | 0.0000 | 607.7316 | 607.7316 | 9.1400e-003 | 0.0000 | 607.9601 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 3.1269 | | | | | 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 | 3.1440 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.7 Architectural Coating - 2030
Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.2609 | 0.1285 | 1.7328 | 6.7100e-003 | 0.9747 | 4.6500e-003 | 0.9794 | 0.2593 | 4.2700e-003 | 0.2635 | 0.0000 | 607.7316 | 607.7316 | 9.1400e-003 | 0.0000 | 607.9601 |
| Total | 0.2609 | 0.1285 | 1.7328 | 6.7100e-003 | 0.9747 | 4.6500e-003 | 0.9794 | 0.2593 | 4.2700e-003 | 0.2635 | 0.0000 | 607.7316 | 607.7316 | 9.1400e-003 | 0.0000 | 607.9601 |

3.7 Architectural Coating - 2031
Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 3.1269 | | | | | 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 | 3.1440 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

**3.7 Architectural Coating - 2031
Unmitigated Construction Off-Site**

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.2398 | 0.1176 | 1.6223 | 6.5500e-003 | 0.9747 | 4.3200e-003 | 0.9791 | 0.2593 | 3.9700e-003 | 0.2632 | 0.0000 | 593.2876 | 593.2876 | 8.3400e-003 | 0.0000 | 593.4961 |
| Total | 0.2398 | 0.1176 | 1.6223 | 6.5500e-003 | 0.9747 | 4.3200e-003 | 0.9791 | 0.2593 | 3.9700e-003 | 0.2632 | 0.0000 | 593.2876 | 593.2876 | 8.3400e-003 | 0.0000 | 593.4961 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 3.1269 | | | | | 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 | 3.1440 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.7 Architectural Coating - 2031
Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.2398 | 0.1176 | 1.6223 | 6.5500e-003 | 0.9747 | 4.3200e-003 | 0.9791 | 0.2593 | 3.9700e-003 | 0.2632 | 0.0000 | 593.2876 | 593.2876 | 8.3400e-003 | 0.0000 | 593.4961 |
| Total | 0.2398 | 0.1176 | 1.6223 | 6.5500e-003 | 0.9747 | 4.3200e-003 | 0.9791 | 0.2593 | 3.9700e-003 | 0.2632 | 0.0000 | 593.2876 | 593.2876 | 8.3400e-003 | 0.0000 | 593.4961 |

3.7 Architectural Coating - 2032
Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 3.1389 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0171 | 0.1122 | 0.2355 | 3.9000e-004 | | 2.6600e-003 | 2.6600e-003 | | 2.6600e-003 | 2.6600e-003 | 0.0000 | 33.4476 | 33.4476 | 1.3500e-003 | 0.0000 | 33.4815 |
| Total | 3.1560 | 0.1122 | 0.2355 | 3.9000e-004 | | 2.6600e-003 | 2.6600e-003 | | 2.6600e-003 | 2.6600e-003 | 0.0000 | 33.4476 | 33.4476 | 1.3500e-003 | 0.0000 | 33.4815 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.7 Architectural Coating - 2032
Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.2218 | 0.1086 | 1.5308 | 6.4400e-003 | 0.9785 | 4.0300e-003 | 0.9825 | 0.2602 | 3.7100e-003 | 0.2640 | 0.0000 | 582.9364 | 582.9364 | 7.6700e-003 | 0.0000 | 583.1282 |
| Total | 0.2218 | 0.1086 | 1.5308 | 6.4400e-003 | 0.9785 | 4.0300e-003 | 0.9825 | 0.2602 | 3.7100e-003 | 0.2640 | 0.0000 | 582.9364 | 582.9364 | 7.6700e-003 | 0.0000 | 583.1282 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 3.1389 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0171 | 0.1122 | 0.2355 | 3.9000e-004 | | 2.6600e-003 | 2.6600e-003 | | 2.6600e-003 | 2.6600e-003 | 0.0000 | 33.4476 | 33.4476 | 1.3500e-003 | 0.0000 | 33.4814 |
| Total | 3.1560 | 0.1122 | 0.2355 | 3.9000e-004 | | 2.6600e-003 | 2.6600e-003 | | 2.6600e-003 | 2.6600e-003 | 0.0000 | 33.4476 | 33.4476 | 1.3500e-003 | 0.0000 | 33.4814 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.7 Architectural Coating - 2032
Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.2218 | 0.1086 | 1.5308 | 6.4400e-003 | 0.9785 | 4.0300e-003 | 0.9825 | 0.2602 | 3.7100e-003 | 0.2640 | 0.0000 | 582.9364 | 582.9364 | 7.6700e-003 | 0.0000 | 583.1282 |
| Total | 0.2218 | 0.1086 | 1.5308 | 6.4400e-003 | 0.9785 | 4.0300e-003 | 0.9825 | 0.2602 | 3.7100e-003 | 0.2640 | 0.0000 | 582.9364 | 582.9364 | 7.6700e-003 | 0.0000 | 583.1282 |

3.7 Architectural Coating - 2033
Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 3.1149 | | | | | 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 | 2.6400e-003 | 0.0000 | 33.1923 | 33.1923 | 1.3400e-003 | 0.0000 | 33.2259 |
| Total | 3.1319 | 0.1113 | 0.2337 | 3.9000e-004 | | 2.6400e-003 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.7 Architectural Coating - 2033
Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.2049 | 0.1001 | 1.4375 | 6.2700e-003 | 0.9710 | 3.7300e-003 | 0.9747 | 0.2583 | 3.4400e-003 | 0.2617 | 0.0000 | 567.6867 | 567.6867 | 7.0300e-003 | 0.0000 | 567.8624 |
| Total | 0.2049 | 0.1001 | 1.4375 | 6.2700e-003 | 0.9710 | 3.7300e-003 | 0.9747 | 0.2583 | 3.4400e-003 | 0.2617 | 0.0000 | 567.6867 | 567.6867 | 7.0300e-003 | 0.0000 | 567.8624 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 3.1149 | | | | | 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 | 33.2258 |
| Total | 3.1319 | 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 | 33.2258 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.7 Architectural Coating - 2033
Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.2049 | 0.1001 | 1.4375 | 6.2700e-003 | 0.9710 | 3.7300e-003 | 0.9747 | 0.2583 | 3.4400e-003 | 0.2617 | 0.0000 | 567.6867 | 567.6867 | 7.0300e-003 | 0.0000 | 567.8624 |
| Total | 0.2049 | 0.1001 | 1.4375 | 6.2700e-003 | 0.9710 | 3.7300e-003 | 0.9747 | 0.2583 | 3.4400e-003 | 0.2617 | 0.0000 | 567.6867 | 567.6867 | 7.0300e-003 | 0.0000 | 567.8624 |

3.7 Architectural Coating - 2034
Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 3.1149 | | | | | 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 | 2.6400e-003 | 0.0000 | 33.1923 | 33.1923 | 1.3400e-003 | 0.0000 | 33.2259 |
| Total | 3.1319 | 0.1113 | 0.2337 | 3.9000e-004 | | 2.6400e-003 | 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 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.7 Architectural Coating - 2034
Unmitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1914 | 0.0935 | 1.3602 | 6.1600e-003 | 0.9710 | 3.4800e-003 | 0.9745 | 0.2583 | 3.2000e-003 | 0.2615 | 0.0000 | 558.3566 | 558.3566 | 6.4900e-003 | 0.0000 | 558.5189 |
| Total | 0.1914 | 0.0935 | 1.3602 | 6.1600e-003 | 0.9710 | 3.4800e-003 | 0.9745 | 0.2583 | 3.2000e-003 | 0.2615 | 0.0000 | 558.3566 | 558.3566 | 6.4900e-003 | 0.0000 | 558.5189 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 3.1149 | | | | | 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 | 33.2258 |
| Total | 3.1319 | 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 | 33.2258 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.7 Architectural Coating - 2034
Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1914 | 0.0935 | 1.3602 | 6.1600e-003 | 0.9710 | 3.4800e-003 | 0.9745 | 0.2583 | 3.2000e-003 | 0.2615 | 0.0000 | 558.3566 | 558.3566 | 6.4900e-003 | 0.0000 | 558.5189 |
| Total | 0.1914 | 0.0935 | 1.3602 | 6.1600e-003 | 0.9710 | 3.4800e-003 | 0.9745 | 0.2583 | 3.2000e-003 | 0.2615 | 0.0000 | 558.3566 | 558.3566 | 6.4900e-003 | 0.0000 | 558.5189 |

3.7 Architectural Coating - 2035
Unmitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 3.0550 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0150 | 0.0966 | 0.2288 | 3.8000e-004 | | 1.2600e-003 | 1.2600e-003 | 1.2600e-003 | 1.2600e-003 | 1.2600e-003 | 0.0000 | 32.5540 | 32.5540 | 1.2000e-003 | 0.0000 | 32.5841 |
| Total | 3.0700 | 0.0966 | 0.2288 | 3.8000e-004 | | 1.2600e-003 | 1.2600e-003 | | 1.2600e-003 | 1.2600e-003 | 0.0000 | 32.5540 | 32.5540 | 1.2000e-003 | 0.0000 | 32.5841 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

**3.7 Architectural Coating - 2035
Unmitigated Construction Off-Site**

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1763 | 0.0867 | 1.2693 | 5.9600e-003 | 0.9523 | 3.2000e-003 | 0.9555 | 0.2533 | 2.9400e-003 | 0.2562 | 0.0000 | 539.8374 | 539.8374 | 5.9200e-003 | 0.0000 | 539.9853 |
| Total | 0.1763 | 0.0867 | 1.2693 | 5.9600e-003 | 0.9523 | 3.2000e-003 | 0.9555 | 0.2533 | 2.9400e-003 | 0.2562 | 0.0000 | 539.8374 | 539.8374 | 5.9200e-003 | 0.0000 | 539.9853 |

Mitigated Construction On-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Archit. Coating | 3.0550 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0150 | 0.0966 | 0.2288 | 3.8000e-004 | | 1.2600e-003 | 1.2600e-003 | 1.2600e-003 | 1.2600e-003 | 1.2600e-003 | 0.0000 | 32.5540 | 32.5540 | 1.2000e-003 | 0.0000 | 32.5840 |
| Total | 3.0700 | 0.0966 | 0.2288 | 3.8000e-004 | | 1.2600e-003 | 1.2600e-003 | | 1.2600e-003 | 1.2600e-003 | 0.0000 | 32.5540 | 32.5540 | 1.2000e-003 | 0.0000 | 32.5840 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

3.7 Architectural Coating - 2035

Mitigated Construction Off-Site

| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.1763 | 0.0867 | 1.2693 | 5.9600e-003 | 0.9523 | 3.2000e-003 | 0.9555 | 0.2533 | 2.9400e-003 | 0.2562 | 0.0000 | 539.8374 | 539.8374 | 5.9200e-003 | 0.0000 | 539.9853 |
| Total | 0.1763 | 0.0867 | 1.2693 | 5.9600e-003 | 0.9523 | 3.2000e-003 | 0.9555 | 0.2533 | 2.9400e-003 | 0.2562 | 0.0000 | 539.8374 | 539.8374 | 5.9200e-003 | 0.0000 | 539.9853 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

Improve Pedestrian Network

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

| Category | tons/yr | | | | | | | | | | | MT/yr | | | | |
|-------------|---------|---------|---------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|--------|--------|-----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Mitigated | 5.4606 | 28.6277 | 52.8659 | 0.2331 | 26.3106 | 0.1243 | 26.4349 | 7.0445 | 0.1154 | 7.1599 | 0.0000 | 21,590.39 95 | 21,590.39 95 | 0.8629 | 0.0000 | 21,611.97 28 |
| Unmitigated | 5.5148 | 28.8928 | 54.1202 | 0.2399 | 27.1736 | 0.1274 | 27.3011 | 7.2756 | 0.1184 | 7.3940 | 0.0000 | 22,222.07 74 | 22,222.07 74 | 0.8816 | 0.0000 | 22,244.11 80 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | | Mitigated | |
|--------------------------|-------------------------|------------------|------------------|-------------------|-------------------|-----------|--|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT | | |
| Apartments Low Rise | 10,972.35 | 11,921.40 | 10106.55 | 13,336,461 | 12,912,895 | | |
| Apartments Mid Rise | 20,515.25 | 19,713.15 | 18078.10 | 41,094,756 | 39,789,586 | | |
| City Park | 150.26 | 1,808.63 | 1330.83 | 1,052,265 | 1,018,845 | | |
| Condo/Townhouse | 871.50 | 850.50 | 726.00 | 2,175,327 | 2,106,239 | | |
| Racquet Club | 883.89 | 1,345.05 | 1096.20 | 1,294,152 | 1,253,049 | | |
| Regional Shopping Center | 10,419.65 | 12,193.68 | 6159.06 | 14,063,079 | 13,616,436 | | |
| Total | 43,812.90 | 47,832.40 | 37,496.74 | 73,016,039 | 70,697,050 | | |

4.3 Trip Type Information

West Broadway Future_VMT Adj_incl Project Features - Sacramento 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 |
| Apartments Low Rise | 1.00 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| Apartments Mid Rise | 6.56 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| City Park | 10.55 | 5.00 | 6.50 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |
| Condo/Townhouse | 10.00 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| Racquet Club | 10.00 | 5.00 | 6.50 | 11.50 | 69.50 | 19.00 | 52 | 39 | 9 |
| Regional Shopping Center | 10.00 | 5.00 | 6.50 | 16.30 | 64.70 | 19.00 | 54 | 35 | 11 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments Low Rise | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Apartments Mid Rise | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| City Park | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Condo/Townhouse | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Racquet Club | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Regional Shopping Center | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|---------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|--------|--------|------------|
| | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Electricity Mitigated | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 1,564.5164 | 1,564.5164 | 0.3154 | 0.0653 | 1,591.8478 |
| Electricity Unmitigated | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 1,564.5164 | 1,564.5164 | 0.3154 | 0.0653 | 1,591.8478 |
| Natural Gas Mitigated | 0.3008 | 2.5809 | 1.1709 | 0.0164 | | 0.2078 | 0.2078 | | 0.2078 | 0.2078 | 0.0000 | 2,976.7201 | 2,976.7201 | 0.0571 | 0.0546 | 2,994.4093 |
| Natural Gas Unmitigated | 0.3008 | 2.5809 | 1.1709 | 0.0164 | | 0.2078 | 0.2078 | | 0.2078 | 0.2078 | 0.0000 | 2,976.7201 | 2,976.7201 | 0.0571 | 0.0546 | 2,994.4093 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

5.2 Energy by Land Use - Natural Gas

Unmitigated

| Land Use | Natural Gas Use kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------------------|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|-------------|---------------|---------------|-------------------|---------------|---------------|-------------------|
| | | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio-CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
| Apartments Low Rise | 1.90474e+007 | 0.1027 | 0.8777 | 0.3735 | 5.6000e-003 | | 0.0710 | 0.0710 | | 0.0710 | | 0.0710 | 0.0000 | 1,016.4436 | 0.0195 | 0.0186 | 1,022.4838 |
| Apartments Mid Rise | 3.00729e+007 | 0.1622 | 1.3857 | 0.5897 | 8.8400e-003 | | 0.1120 | 0.1120 | | 0.1120 | | 0.1120 | 0.0000 | 1,604.8039 | 0.0308 | 0.0294 | 1,614.3404 |
| 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 |
| Condo/Townhouse | 3.08269e+006 | 0.0166 | 0.1421 | 0.0604 | 9.1000e-004 | | 0.0115 | 0.0115 | | 0.0115 | | 0.0115 | 0.0000 | 164.5039 | 3.1500e-003 | 3.0200e-003 | 165.4815 |
| Racquet Club | 2.25603e+006 | 0.0122 | 0.1106 | 0.0929 | 6.6000e-004 | | 8.4000e-003 | 8.4000e-003 | | 8.4000e-003 | | 8.4000e-003 | 0.0000 | 120.3904 | 2.3100e-003 | 2.2100e-003 | 121.1058 |
| Regional Shopping Center | 1.32259e+006 | 7.1300e-003 | 0.0648 | 0.0545 | 3.9000e-004 | | 4.9300e-003 | 4.9300e-003 | | 4.9300e-003 | | 4.9300e-003 | 0.0000 | 70.5784 | 1.3500e-003 | 1.2900e-003 | 70.9978 |
| Total | | 0.3008 | 2.5809 | 1.1709 | 0.0164 | | 0.2078 | 0.2078 | | 0.2078 | | 0.2078 | 0.0000 | 2,976.7201 | 0.0571 | 0.0546 | 2,994.4093 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

5.2 Energy by Land Use - Natural Gas

Mitigated

| Land Use | Natural Gas Use kBTU/yr | tons/yr | | | | | | | | | | MT/yr | | | | | |
|--------------------------|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|-------------|---------------|---------------|-------------------|---------------|---------------|-------------------|
| | | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio-CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
| Apartments Low Rise | 1.90474e+007 | 0.1027 | 0.8777 | 0.3735 | 5.6000e-003 | | 0.0710 | 0.0710 | | 0.0710 | | 0.0710 | 0.0000 | 1,016.4436 | 0.0195 | 0.0186 | 1,022.4838 |
| Apartments Mid Rise | 3.00729e+007 | 0.1622 | 1.3857 | 0.5897 | 8.8400e-003 | | 0.1120 | 0.1120 | | 0.1120 | | 0.1120 | 0.0000 | 1,604.8039 | 0.0308 | 0.0294 | 1,614.3404 |
| 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 |
| Condo/Townhouse | 3.08269e+006 | 0.0166 | 0.1421 | 0.0604 | 9.1000e-004 | | 0.0115 | 0.0115 | | 0.0115 | | 0.0115 | 0.0000 | 164.5039 | 3.1500e-003 | 3.0200e-003 | 165.4815 |
| Racquet Club | 2.25603e+006 | 0.0122 | 0.1106 | 0.0929 | 6.6000e-004 | | 8.4000e-003 | 8.4000e-003 | | 8.4000e-003 | | 8.4000e-003 | 0.0000 | 120.3904 | 2.3100e-003 | 2.2100e-003 | 121.1058 |
| Regional Shopping Center | 1.32259e+006 | 7.1300e-003 | 0.0648 | 0.0545 | 3.9000e-004 | | 4.9300e-003 | 4.9300e-003 | | 4.9300e-003 | | 4.9300e-003 | 0.0000 | 70.5784 | 1.3500e-003 | 1.2900e-003 | 70.9978 |
| Total | | 0.3008 | 2.5809 | 1.1709 | 0.0164 | | 0.2078 | 0.2078 | | 0.2078 | | 0.2078 | 0.0000 | 2,976.7201 | 0.0571 | 0.0546 | 2,994.4093 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

| Land Use | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|-----------------|-------------------|---------------|---------------|-------------------|
| | kWh/yr | MT/yr | | | |
| Apartments Low Rise | 7.03183e+006 | 458.8216 | 0.0925 | 0.0191 | 466.8370 |
| Apartments Mid Rise | 1.27045e+007 | 828.9568 | 0.1671 | 0.0346 | 843.4383 |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 759482 | 49.5556 | 9.9900e-003 | 2.0700e-003 | 50.4213 |
| Racquet Club | 892710 | 58.2487 | 0.0117 | 2.4300e-003 | 59.2663 |
| Regional Shopping Center | 2.58905e+006 | 168.9338 | 0.0341 | 7.0500e-003 | 171.8850 |
| Total | | 1,564.5164 | 0.3154 | 0.0653 | 1,591.8478 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

| Land Use | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|-----------------|-------------------|---------------|---------------|-------------------|
| | kWh/yr | MT/yr | | | |
| Apartments Low Rise | 7.03183e+006 | 458.8216 | 0.0925 | 0.0191 | 466.8370 |
| Apartments Mid Rise | 1.27045e+007 | 828.9568 | 0.1671 | 0.0346 | 843.4383 |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Condo/Townhouse | 759482 | 49.5556 | 9.9900e-003 | 2.0700e-003 | 50.4213 |
| Racquet Club | 892710 | 58.2487 | 0.0117 | 2.4300e-003 | 59.2663 |
| Regional Shopping Center | 2.58905e+006 | 168.9338 | 0.0341 | 7.0500e-003 | 171.8850 |
| Total | | 1,564.5164 | 0.3154 | 0.0653 | 1,591.8478 |

6.0 Area Detail

6.1 Mitigation Measures Area

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|--------|---------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|---------|
| tons/yr | | | | | | | | | | | | | | | | |
| Mitigated | 25.0830 | 0.5810 | 50.3593 | 2.6700e-003 | 0.2802 | 0.2802 | 0.2802 | 0.2802 | 0.2802 | 0.2802 | 0.0000 | 82.5528 | 82.5528 | 0.0786 | 0.0000 | 84.5178 |
| Unmitigated | 25.0830 | 0.5810 | 50.3593 | 2.6700e-003 | 0.2802 | 0.2802 | 0.2802 | 0.2802 | 0.2802 | 0.2802 | 0.0000 | 82.5528 | 82.5528 | 0.0786 | 0.0000 | 84.5178 |

6.2 Area by SubCategory

Unmitigated

| SubCategory | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|---------------|----------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| tons/yr | | | | | | | | | | | | | | | | |
| Architectural Coating | 3.2084 | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 20.3686 | | | | 0.0000 | 0.0000 | 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 | 0.0000 | 0.0000 |
| Landscaping | 1.5060 | 0.5810 | 50.3593 | 2.6700e-003 | 0.2802 | 0.2802 | 0.2802 | 0.2802 | 0.2802 | 0.2802 | 0.0000 | 82.5528 | 82.5528 | 0.0786 | 0.0000 | 84.5178 |
| Total | 25.0830 | 0.5810 | 50.3593 | 2.6700e-003 | 0.2802 | 0.2802 | 0.2802 | 0.2802 | 0.2802 | 0.2802 | 0.0000 | 82.5528 | 82.5528 | 0.0786 | 0.0000 | 84.5178 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

6.2 Area by SubCategory

Mitigated

| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | |
|-----------------------|----------------|---------------|----------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Architectural Coating | 3.2084 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 20.3686 | | | | | 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 | 1.5060 | 0.5810 | 50.3593 | 2.6700e-003 | | 0.2802 | 0.2802 | | 0.2802 | 0.2802 | 0.0000 | 82.5528 | 82.5528 | 0.0786 | 0.0000 | 84.5178 |
| Total | 25.0830 | 0.5810 | 50.3593 | 2.6700e-003 | | 0.2802 | 0.2802 | | 0.2802 | 0.2802 | 0.0000 | 82.5528 | 82.5528 | 0.0786 | 0.0000 | 84.5178 |

7.0 Water Detail

7.1 Mitigation Measures Water

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|--------|--------|----------|
| Category | MT/yr | | | |
| Mitigated | 302.1951 | 0.4519 | 0.2700 | 393.9473 |
| Unmitigated | 302.1951 | 0.4519 | 0.2700 | 393.9473 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

7.2 Water by Land Use

Unmitigated

| Land Use | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|--------------------|-----------------|---------------|---------------|-----------------|
| | Mgal | MT/yr | | | |
| Apartments Low Rise | 108.481 / 68.3905 | 89.2679 | 0.1424 | 0.0856 | 118.3323 |
| Apartments Mid Rise | 201 / 126.717 | 165.4003 | 0.2638 | 0.1586 | 219.2524 |
| City Park | 0 / 94.7228 | 21.6321 | 4.3600e-003 | 9.0000e-004 | 22.0100 |
| Condo/Townhouse | 9.7731 / 6.1613 | 8.0422 | 0.0128 | 7.7100e-003 | 10.6606 |
| Racquet Club | 3.72602 / 2.28369 | 3.0512 | 4.8900e-003 | 2.9400e-003 | 4.0492 |
| Regional Shopping Center | 18.0752 / 11.0783 | 14.8015 | 0.0237 | 0.0143 | 19.6429 |
| Total | | 302.1951 | 0.4519 | 0.2700 | 393.9473 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

7.2 Water by Land Use

Mitigated

| Land Use | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|--------------------|-----------------|---------------|---------------|-----------------|
| | Mgal | MT/yr | | | |
| Apartments Low Rise | 108.481 / 68.3905 | 89.2679 | 0.1424 | 0.0856 | 118.3323 |
| Apartments Mid Rise | 201 / 126.717 | 165.4003 | 0.2638 | 0.1586 | 219.2524 |
| City Park | 0 / 94.7228 | 21.6321 | 4.3600e-003 | 9.0000e-004 | 22.0100 |
| Condo/Townhouse | 9.7731 / 6.1613 | 8.0422 | 0.0128 | 7.7100e-003 | 10.6606 |
| Racquet Club | 3.72602 / 2.28369 | 3.0512 | 4.8900e-003 | 2.9400e-003 | 4.0492 |
| Regional Shopping Center | 18.0752 / 11.0783 | 14.8015 | 0.0237 | 0.0143 | 19.6429 |
| Total | | 302.1951 | 0.4519 | 0.2700 | 393.9473 |

8.0 Waste Detail

8.1 Mitigation Measures Waste

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|----------|--------|-------------|
| | MT/yr | | | |
| Mitigated | 583,834.5 | 34,503.6 | 0.0000 | 1,446,425.2 |
| Unmitigated | 583,834.5 | 34,503.6 | 0.0000 | 1,446,425.2 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

8.2 Waste by Land Use

Unmitigated

| Land Use | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|----------------|-----------------|----------------|---------------|------------------------------|
| | tons | MT/yr | | | |
| Apartments Low Rise | 765.9 | 155.4708 | 9.1881 | 0.0000 | 385.1723 |
| Apartments Mid Rise | 1419.1 | 288.0645 | 17.0241 | 0.0000 | 713.6675 |
| City Park | 6.84 | 1.3885 | 0.0821 | 0.0000 | 3.4399 |
| Condo/Townhouse | 69 | 14.0064 | 0.8278 | 0.0000 | 34.7002 |
| Racquet Club | 359.1 | 72.8941 | 4.3079 | 0.0000 | 180.5919 |
| Regional Shopping Center | 256.22 | 52.0103 | 3.0737 | 0.0000 | 128.8534 |
| Total | | 583.8345 | 34.5036 | 0.0000 | 1,446.425₂ |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

8.2 Waste by Land Use

Mitigated

| Land Use | Waste Disposed tons | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|------------------------|-----------------|----------------|---------------|------------------------------|
| MT/yr | | | | | |
| Apartments Low Rise | 765.9 | 155.4708 | 9.1881 | 0.0000 | 385.1723 |
| Apartments Mid Rise | 1419.1 | 288.0645 | 17.0241 | 0.0000 | 713.6675 |
| City Park | 6.84 | 1.3885 | 0.0821 | 0.0000 | 3.4399 |
| Condo/Townhouse | 69 | 14.0064 | 0.8278 | 0.0000 | 34.7002 |
| Racquet Club | 359.1 | 72.8941 | 4.3079 | 0.0000 | 180.5919 |
| Regional Shopping Center | 256.22 | 52.0103 | 3.0737 | 0.0000 | 128.8534 |
| Total | | 583.8345 | 34.5036 | 0.0000 | 1,446.425₂ |

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

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Annual

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

User Defined Equipment

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

11.0 Vegetation

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

West Broadway Future_VMT Adj_incl Project Features Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|--------------------------|----------|---------------|-------------|--------------------|------------|
| City Park | 79.50 | Acre | 79.50 | 3,463,020.00 | 0 |
| Racquet Club | 63.00 | 1000sqft | 1.45 | 63,000.00 | 0 |
| Apartments Low Rise | 1,665.00 | Dwelling Unit | 104.06 | 1,665,000.00 | 4446 |
| Apartments Mid Rise | 3,085.00 | Dwelling Unit | 81.18 | 3,085,000.00 | 8237 |
| Condo/Townhouse | 150.00 | Dwelling Unit | 9.38 | 150,000.00 | 401 |
| Regional Shopping Center | 244.02 | 1000sqft | 5.60 | 244,020.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|---------------------|-------|-------------------------|------|----------------------------------|----|
| Urbanization | Urban | Wind Speed (m/s) | 3.5 | Precipitation Freq (Days) | 58 |
| Climate Zone | 6 | Operational Year | 2035 | | |

Utility Company Sacramento Municipal Utility District

| | | | | | |
|---------------------------------|--------|---------------------------------|-------|---------------------------------|-------|
| CO2 Intensity (lb/MW/hr) | 143.85 | CH4 Intensity (lb/MW/hr) | 0.029 | N2O Intensity (lb/MW/hr) | 0.006 |
|---------------------------------|--------|---------------------------------|-------|---------------------------------|-------|

1.3 User Entered Comments & Non-Default Data

Vehicle Trips - Adjusted to match project VMT based on project traffic modeling
 Construction Phase - Architectural coatingm (painting) phase assumed to begin in 2025 and end in 2035 with full project buildout

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| Table Name | Column Name | Default Value | New Value |
|---------------------------|--------------------|---------------|-----------|
| tblConstructionPhase | NumDays | 330.00 | 2,678.00 |
| tblConstructionPhase | NumDays | 4,650.00 | 2,563.00 |
| tblEnergyUse | T24E | 511.12 | 240.20 |
| tblEnergyUse | T24E | 460.92 | 322.60 |
| tblEnergyUse | T24E | 381.61 | 267.10 |
| tblEnergyUse | T24E | 3.41 | 2.40 |
| tblEnergyUse | T24E | 3.26 | 2.30 |
| tblEnergyUse | T24NG | 9,411.72 | 8,752.90 |
| tblProjectCharacteristics | CO2IntensityFactor | 590.31 | 143.85 |
| tblVehicleTrips | CW_TL | 10.00 | 10.55 |
| tblVehicleTrips | HW_TL | 10.00 | 1.00 |
| tblVehicleTrips | HW_TL | 10.00 | 6.56 |

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| Year | lb/day | | | | | | | | | | | lb/day | | | | |
|----------------|----------------|-----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|---------------|-------------------------|-------------------------|---------------|---------------|-------------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| 2020 | 3.4031 | 34.1972 | 22.4625 | 0.0428 | 0.9636 | 1.6630 | 2.6266 | 0.1669 | 1.5460 | 1.7128 | 0.0000 | 4,161,010 9 | 4,161,010 9 | 1.0780 | 0.0000 | 4,187,961 9 |
| 2021 | 4.2713 | 46.4409 | 31.4768 | 0.0636 | 18.2032 | 2.0454 | 20.2486 | 9.9670 | 1.8818 | 11.8488 | 0.0000 | 6,160,339 3 | 6,160,339 3 | 1.9469 | 0.0000 | 6,209,011 2 |
| 2022 | 3.6996 | 38.8804 | 29.5925 | 0.0636 | 8.8255 | 1.6359 | 10.4614 | 3.6369 | 1.5050 | 5.1419 | 0.0000 | 6,159,208 8 | 6,159,208 8 | 1.9479 | 0.0000 | 6,207,905 8 |
| 2023 | 21.9481 | 115.3352 | 169.1809 | 0.6640 | 45.5669 | 1.4255 | 46.6448 | 12.2415 | 1.3114 | 13.2528 | 0.0000 | 67,786.71 84 | 67,786.71 84 | 2.8674 | 0.0000 | 67,858.40 20 |
| 2024 | 20.6404 | 111.8506 | 158.2090 | 0.6480 | 45.5662 | 0.9797 | 46.5459 | 12.2412 | 0.9187 | 13.1599 | 0.0000 | 66,209.10 97 | 66,209.10 97 | 2.7646 | 0.0000 | 66,278.22 35 |
| 2025 | 46.7719 | 111.0536 | 172.2656 | 0.7022 | 53.3019 | 0.9824 | 54.2844 | 14.2931 | 0.9233 | 15.2164 | 0.0000 | 71,605.75 82 | 71,605.75 82 | 2.8262 | 0.0000 | 71,676.41 35 |
| 2026 | 45.6729 | 108.7606 | 162.2609 | 0.6856 | 53.3014 | 0.9679 | 54.2693 | 14.2929 | 0.9097 | 15.2026 | 0.0000 | 69,960.73 07 | 69,960.73 07 | 2.7380 | 0.0000 | 70,029.18 06 |
| 2027 | 44.6093 | 106.6689 | 153.2674 | 0.6707 | 53.3009 | 0.9490 | 54.2500 | 14.2928 | 0.8921 | 15.1848 | 0.0000 | 68,482.89 77 | 68,482.89 77 | 2.6573 | 0.0000 | 68,549.33 05 |
| 2028 | 43.5357 | 104.8585 | 145.3704 | 0.6575 | 53.3005 | 0.9269 | 54.2274 | 14.2926 | 0.8715 | 15.1641 | 0.0000 | 67,176.82 59 | 67,176.82 59 | 2.5857 | 0.0000 | 67,241.46 77 |
| 2029 | 42.3827 | 103.1462 | 137.8953 | 0.6458 | 53.3001 | 0.9053 | 54.2055 | 14.2925 | 0.8515 | 15.1439 | 0.0000 | 66,017.60 52 | 66,017.60 52 | 2.5168 | 0.0000 | 66,080.52 57 |
| 2030 | 41.1706 | 96.7372 | 131.2859 | 0.6395 | 53.2998 | 0.4743 | 53.7741 | 14.2924 | 0.4532 | 14.7455 | 0.0000 | 65,337.10 91 | 65,337.10 91 | 1.9648 | 0.0000 | 65,386.22 85 |
| 2031 | 40.0085 | 95.2814 | 125.0098 | 0.6305 | 53.2996 | 0.4552 | 53.7547 | 14.2923 | 0.4354 | 14.7277 | 0.0000 | 64,444.66 90 | 64,444.66 90 | 1.9066 | 0.0000 | 64,492.33 42 |
| 2032 | 38.9679 | 93.9572 | 119.5149 | 0.6227 | 53.2993 | 0.4379 | 53.7373 | 14.2922 | 0.4194 | 14.7116 | 0.0000 | 63,672.64 19 | 63,672.64 19 | 1.8558 | 0.0000 | 63,719.03 75 |
| 2033 | 38.1131 | 92.8077 | 114.8778 | 0.6160 | 53.2991 | 0.4226 | 53.7217 | 14.2921 | 0.4052 | 14.6973 | 0.0000 | 63,006.39 06 | 63,006.39 06 | 1.8129 | 0.0000 | 63,051.71 38 |
| 2034 | 27.1805 | 8.6423 | 30.5221 | 0.0843 | 7.8504 | 0.3781 | 8.2286 | 2.0824 | 0.3760 | 2.4584 | 0.0000 | 8,255.368 2 | 8,255.368 2 | 0.1993 | 0.0000 | 8,260.350 3 |
| 2035 | 25.6512 | 1.3782 | 13.8920 | 0.0547 | 7.7363 | 0.0350 | 7.7713 | 2.0521 | 0.0330 | 2.0851 | 0.0000 | 5,447.528 0 | 5,447.528 0 | 0.0685 | 0.0000 | 5,449.241 6 |
| Maximum | 46.7719 | 115.3352 | 172.2656 | 0.7022 | 53.3019 | 2.0454 | 54.2844 | 14.2931 | 1.8818 | 15.2164 | 0.0000 | 71,605.75 82 | 71,605.75 82 | 2.8674 | 0.0000 | 71,676.41 35 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| Year | lb/day | | | | | | | | | | | lb/day | | | | |
|----------------|----------------|-----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|---------------|-------------------------|-------------------------|---------------|---------------|-------------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| 2020 | 3.4031 | 34.1972 | 22.4625 | 0.0428 | 0.9636 | 1.6630 | 2.6266 | 0.1669 | 1.5460 | 1.7128 | 0.0000 | 4,161,010 9 | 4,161,010 9 | 1.0780 | 0.0000 | 4,187,961 9 |
| 2021 | 4.2713 | 46.4409 | 31.4768 | 0.0636 | 18.2032 | 2.0454 | 20.2486 | 9.9670 | 1.8818 | 11.8488 | 0.0000 | 6,160,339 2 | 6,160,339 2 | 1.9469 | 0.0000 | 6,209,011 2 |
| 2022 | 3.6996 | 38.8804 | 29.5925 | 0.0636 | 8.8255 | 1.6359 | 10.4614 | 3.6369 | 1.5050 | 5.1419 | 0.0000 | 6,159,208 8 | 6,159,208 8 | 1.9479 | 0.0000 | 6,207,905 8 |
| 2023 | 21.9481 | 115.3352 | 169.1809 | 0.6640 | 45.5669 | 1.4255 | 46.6448 | 12.2415 | 1.3114 | 13.2528 | 0.0000 | 67,786.71 84 | 67,786.71 84 | 2.8674 | 0.0000 | 67,858.40 20 |
| 2024 | 20.6404 | 111.8506 | 158.2090 | 0.6480 | 45.5662 | 0.9797 | 46.5459 | 12.2412 | 0.9187 | 13.1599 | 0.0000 | 66,209.10 97 | 66,209.10 97 | 2.7646 | 0.0000 | 66,278.22 35 |
| 2025 | 46.7719 | 111.0536 | 172.2656 | 0.7022 | 53.3019 | 0.9824 | 54.2844 | 14.2931 | 0.9233 | 15.2164 | 0.0000 | 71,605.75 82 | 71,605.75 82 | 2.8262 | 0.0000 | 71,676.41 35 |
| 2026 | 45.6729 | 108.7606 | 162.2609 | 0.6856 | 53.3014 | 0.9679 | 54.2693 | 14.2929 | 0.9097 | 15.2026 | 0.0000 | 69,960.73 07 | 69,960.73 07 | 2.7380 | 0.0000 | 70,029.18 06 |
| 2027 | 44.6093 | 106.6689 | 153.2674 | 0.6707 | 53.3009 | 0.9490 | 54.2500 | 14.2928 | 0.8921 | 15.1848 | 0.0000 | 68,482.89 77 | 68,482.89 77 | 2.6573 | 0.0000 | 68,549.33 05 |
| 2028 | 43.5357 | 104.8585 | 145.3704 | 0.6575 | 53.3005 | 0.9269 | 54.2274 | 14.2926 | 0.8715 | 15.1641 | 0.0000 | 67,176.82 59 | 67,176.82 59 | 2.5857 | 0.0000 | 67,241.46 77 |
| 2029 | 42.3827 | 103.1462 | 137.8953 | 0.6458 | 53.3001 | 0.9053 | 54.2055 | 14.2925 | 0.8515 | 15.1439 | 0.0000 | 66,017.60 52 | 66,017.60 52 | 2.5168 | 0.0000 | 66,080.52 57 |
| 2030 | 41.1706 | 96.7372 | 131.2859 | 0.6395 | 53.2998 | 0.4743 | 53.7741 | 14.2924 | 0.4532 | 14.7455 | 0.0000 | 65,337.10 91 | 65,337.10 91 | 1.9648 | 0.0000 | 65,386.22 85 |
| 2031 | 40.0085 | 95.2814 | 125.0098 | 0.6305 | 53.2996 | 0.4552 | 53.7547 | 14.2923 | 0.4354 | 14.7277 | 0.0000 | 64,444.66 90 | 64,444.66 90 | 1.9066 | 0.0000 | 64,492.33 42 |
| 2032 | 38.9679 | 93.9572 | 119.5149 | 0.6227 | 53.2993 | 0.4379 | 53.7373 | 14.2922 | 0.4194 | 14.7116 | 0.0000 | 63,672.64 19 | 63,672.64 19 | 1.8558 | 0.0000 | 63,719.03 75 |
| 2033 | 38.1131 | 92.8077 | 114.8778 | 0.6160 | 53.2991 | 0.4226 | 53.7217 | 14.2921 | 0.4052 | 14.6973 | 0.0000 | 63,006.39 06 | 63,006.39 06 | 1.8129 | 0.0000 | 63,051.71 38 |
| 2034 | 27.1805 | 8.6423 | 30.5221 | 0.0843 | 7.8504 | 0.3781 | 8.2286 | 2.0824 | 0.3760 | 2.4584 | 0.0000 | 8,255.368 2 | 8,255.368 2 | 0.1993 | 0.0000 | 8,260.350 3 |
| 2035 | 25.6512 | 1.3782 | 13.8920 | 0.0547 | 7.7363 | 0.0350 | 7.7713 | 2.0521 | 0.0330 | 2.0851 | 0.0000 | 5,447.528 0 | 5,447.528 0 | 0.0685 | 0.0000 | 5,449.241 6 |
| Maximum | 46.7719 | 115.3352 | 172.2656 | 0.7022 | 53.3019 | 2.0454 | 54.2844 | 14.2931 | 1.8818 | 15.2164 | 0.0000 | 71,605.75 82 | 71,605.75 82 | 2.8674 | 0.0000 | 71,676.41 35 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

**2.2 Overall Operational
Unmitigated Operational**

| Category | lb/day | | | | | | | | | | | | | | | |
|--------------|-----------------|-----------------|-----------------|---------------|-----------------|---------------|-----------------|----------------|---------------|----------------|---------------|------------------|------------------|---------------|---------------|------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Area | 141.2369 | 4.6479 | 402.8745 | 0.0214 | | 2.2420 | 2.2420 | | 2.2420 | 2.2420 | 0.0000 | 727.9909 | 727.9909 | 0.6931 | 0.0000 | 745.3194 |
| Energy | 1.6481 | 14.1417 | 6.4161 | 0.0899 | | 1.1387 | 1.1387 | | 1.1387 | 1.1387 | | 17,979.57 | 17,979.57 | 0.3446 | 0.3296 | 18,086.41 |
| Mobile | 44.6676 | 174.2812 | 366.0337 | 1.5749 | 171.4588 | 0.7770 | 172.2358 | 45.7769 | 0.7216 | 46.4985 | | 160,603.1 | 160,603.1 | 5.9416 | | 160,751.7 |
| Total | 187.5527 | 193.0708 | 775.3244 | 1.6862 | 171.4588 | 4.1576 | 175.6165 | 45.7769 | 4.1022 | 49.8791 | 0.0000 | 179,310.7 | 179,310.7 | 6.9794 | 0.3296 | 179,583.4 |
| | | | | | | | | | | | | 252 | 252 | | | 383 |

Mitigated Operational

| Category | lb/day | | | | | | | | | | | | | | | |
|--------------|-----------------|-----------------|-----------------|---------------|-----------------|---------------|-----------------|----------------|---------------|----------------|---------------|------------------|------------------|---------------|---------------|------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Area | 141.2369 | 4.6479 | 402.8745 | 0.0214 | | 2.2420 | 2.2420 | | 2.2420 | 2.2420 | 0.0000 | 727.9909 | 727.9909 | 0.6931 | 0.0000 | 745.3194 |
| Energy | 1.6481 | 14.1417 | 6.4161 | 0.0899 | | 1.1387 | 1.1387 | | 1.1387 | 1.1387 | | 17,979.57 | 17,979.57 | 0.3446 | 0.3296 | 18,086.41 |
| Mobile | 44.3282 | 172.7875 | 356.8222 | 1.5299 | 166.0133 | 0.7575 | 166.7708 | 44.3230 | 0.7034 | 45.0264 | | 156,025.7 | 156,025.7 | 5.8114 | | 156,171.0 |
| Total | 187.2132 | 191.5771 | 766.1128 | 1.6412 | 166.0133 | 4.1381 | 170.1514 | 44.3230 | 4.0841 | 48.4071 | 0.0000 | 174,733.3 | 174,733.3 | 6.8492 | 0.3296 | 175,002.7 |
| | | | | | | | | | | | | 039 | 039 | | | 613 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| | ROG | NOx | CO | SO2 | 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 | 0.18 | 0.77 | 1.19 | 2.67 | 3.18 | 0.47 | 3.11 | 3.18 | 0.44 | 2.95 | 0.00 | 2.55 | 2.55 | 1.87 | 0.00 | 2.55 |

3.0 Construction Detail

Construction Phase

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1 | Demolition | Demolition | 1/1/2020 | 2/23/2021 | 5 | 300 | |
| 2 | Site Preparation | Site Preparation | 2/24/2021 | 11/2/2021 | 5 | 180 | |
| 3 | Grading | Grading | 11/3/2021 | 8/15/2023 | 5 | 465 | |
| 4 | Building Construction | Building Construction | 8/16/2023 | 6/11/2033 | 5 | 2563 | |
| 5 | Paving | Paving | 6/12/2033 | 9/15/2034 | 5 | 330 | |
| 6 | Architectural Coating | Architectural Coating | 9/17/2025 | 12/22/2035 | 5 | 2678 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 460,530; Non-Residential Outdoor: 153,510; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Demolition | Excavators | 3 | 8.00 | 158 | 0.38 |
| Demolition | Rubber Tired Dozers | 2 | 8.00 | 247 | 0.40 |
| 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

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| 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 |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition | 6 | 15.00 | 0.00 | 1,040.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 5,087.00 | 1,142.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 1,017.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|------------------------------|------------------------------|------------------------------|---------------|-----|------------------------------|
| Fugitive Dust | | | | | 0.7825 | 0.0000 | 0.7825 | 0.1185 | 0.0000 | 0.1185 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.3121 | 33.2010 | 21.7532 | 0.0388 | 1.6587 | 1.6587 | 1.6587 | 1.5419 | 1.5419 | 1.5419 | 3,747.704 ₉ | 3,747.704 ₉ | 3,747.704 ₉ | 1.0580 | | 3,774.153 ₆ |
| Total | 3.3121 | 33.2010 | 21.7532 | 0.0388 | 0.7825 | 1.6587 | 2.4412 | 0.1185 | 1.5419 | 1.6603 | 3,747.704₉ | 3,747.704₉ | 3,747.704₉ | 1.0580 | | 3,774.153₆ |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.2 Demolition - 2020

Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0263 | 0.9619 | 0.2196 | 2.7500e-003 | 0.0670 | 3.5200e-003 | 0.0705 | 0.0181 | 3.3600e-003 | 0.0215 | | 294.2791 | 294.2791 | 0.0167 | | 294.6961 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0647 | 0.0343 | 0.4898 | 1.2000e-003 | 0.1141 | 7.9000e-004 | 0.1149 | 0.0303 | 7.3000e-004 | 0.0310 | | 119.0269 | 119.0269 | 3.4100e-003 | | 119.1122 |
| Total | 0.0910 | 0.9962 | 0.7093 | 3.9500e-003 | 0.1811 | 4.3100e-003 | 0.1854 | 0.0484 | 4.0900e-003 | 0.0525 | | 413.3060 | 413.3060 | 0.0201 | | 413.8083 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------------|------------------------------|---------------|-----|------------------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Fugitive Dust | | | | | 0.7825 | 0.0000 | 0.7825 | 0.1185 | 0.0000 | 0.1185 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.3121 | 33.2010 | 21.7532 | 0.0388 | | 1.6587 | 1.6587 | 1.5419 | 1.5419 | 1.5419 | 0.0000 | 3,747.704 ₉ | 3,747.704 ₉ | 1.0580 | | 3,774.153 ₆ |
| Total | 3.3121 | 33.2010 | 21.7532 | 0.0388 | 0.7825 | 1.6587 | 2.4412 | 0.1185 | 1.5419 | 1.6603 | 0.0000 | 3,747.704₉ | 3,747.704₉ | 1.0580 | | 3,774.153₆ |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.2 Demolition - 2020

Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0263 | 0.9619 | 0.2196 | 2.7500e-003 | 0.0670 | 3.5200e-003 | 0.0705 | 0.0181 | 3.3600e-003 | 0.0215 | | 294.2791 | 294.2791 | 0.0167 | | 294.6961 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0647 | 0.0343 | 0.4898 | 1.2000e-003 | 0.1141 | 7.9000e-004 | 0.1149 | 0.0303 | 7.3000e-004 | 0.0310 | | 119.0269 | 119.0269 | 3.4100e-003 | | 119.1122 |
| Total | 0.0910 | 0.9962 | 0.7093 | 3.9500e-003 | 0.1811 | 4.3100e-003 | 0.1854 | 0.0484 | 4.0900e-003 | 0.0525 | | 413.3060 | 413.3060 | 0.0201 | | 413.8083 |

3.2 Demolition - 2021

Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Fugitive Dust | | | | | 0.7825 | 0.0000 | 0.7825 | 0.1185 | 0.0000 | 0.1185 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.1651 | 31.4407 | 21.5650 | 0.0388 | | 1.5513 | 1.5513 | 1.4411 | 1.4411 | 1.4411 | | 3,747.9449 | 3,747.9449 | 1.0549 | | 3,774.3174 |
| Total | 3.1651 | 31.4407 | 21.5650 | 0.0388 | 0.7825 | 1.5513 | 2.3339 | 0.1185 | 1.4411 | 1.5596 | | 3,747.9449 | 3,747.9449 | 1.0549 | | 3,774.3174 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.2 Demolition - 2021

Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0244 | 0.8847 | 0.2035 | 2.7100e-003 | 0.3763 | 3.0900e-003 | 0.3794 | 0.0941 | 2.9600e-003 | 0.0970 | | 290.8768 | 290.8768 | 0.0164 | | 291.2859 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0601 | 0.0308 | 0.4487 | 1.1500e-003 | 0.1141 | 7.7000e-004 | 0.1149 | 0.0303 | 7.1000e-004 | 0.0310 | | 114.9719 | 114.9719 | 3.0600e-003 | | 115.0483 |
| Total | 0.0845 | 0.9155 | 0.6523 | 3.8600e-003 | 0.4904 | 3.8600e-003 | 0.4943 | 0.1243 | 3.6700e-003 | 0.1280 | | 405.8487 | 405.8487 | 0.0194 | | 406.3343 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Fugitive Dust | | | | | 0.7825 | 0.0000 | 0.7825 | 0.1185 | 0.0000 | 0.1185 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.1651 | 31.4407 | 21.5650 | 0.0388 | | 1.5513 | 1.5513 | 1.4411 | 1.4411 | 1.4411 | 0.0000 | 3,747.9449 | 3,747.9449 | 1.0549 | | 3,774.3174 |
| Total | 3.1651 | 31.4407 | 21.5650 | 0.0388 | 0.7825 | 1.5513 | 2.3339 | 0.1185 | 1.4411 | 1.5596 | 0.0000 | 3,747.9449 | 3,747.9449 | 1.0549 | | 3,774.3174 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.2 Demolition - 2021

Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0244 | 0.8847 | 0.2035 | 2.7100e-003 | 0.3763 | 3.0900e-003 | 0.3794 | 0.0941 | 2.9600e-003 | 0.0970 | | 290.8768 | 290.8768 | 0.0164 | | 291.2859 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 0.0601 | 0.0308 | 0.4487 | 1.1500e-003 | 0.1141 | 7.7000e-004 | 0.1149 | 0.0303 | 7.1000e-004 | 0.0310 | | 114.9719 | 114.9719 | 3.0600e-003 | | 115.0483 |
| Total | 0.0845 | 0.9155 | 0.6523 | 3.8600e-003 | 0.4904 | 3.8600e-003 | 0.4943 | 0.1243 | 3.6700e-003 | 0.1280 | | 405.8487 | 405.8487 | 0.0194 | | 406.3343 |

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Fugitive Dust | | | | | 18.0663 | 0.0000 | 18.0663 | 9.9307 | 0.0000 | 9.9307 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.8882 | 40.4971 | 21.1543 | 0.0380 | 2.0445 | 2.0445 | 2.0445 | 1.8809 | 1.8809 | 1.8809 | | 3,685.6569 | 3,685.6569 | 1.1920 | | 3,715.4573 |
| Total | 3.8882 | 40.4971 | 21.1543 | 0.0380 | 18.0663 | 2.0445 | 20.1107 | 9.9307 | 1.8809 | 11.8116 | | 3,685.6569 | 3,685.6569 | 1.1920 | | 3,715.4573 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.3 Site Preparation - 2021
Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0721 | 0.0369 | 0.5385 | 1.3900e-003 | 0.1369 | 9.2000e-004 | 0.1379 | 0.0363 | 8.5000e-004 | 0.0372 | | 137.9662 | 137.9662 | 3.6700e-003 | | 138.0580 |
| Total | 0.0721 | 0.0369 | 0.5385 | 1.3900e-003 | 0.1369 | 9.2000e-004 | 0.1379 | 0.0363 | 8.5000e-004 | 0.0372 | | 137.9662 | 137.9662 | 3.6700e-003 | | 138.0580 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Fugitive Dust | | | | | 18.0663 | 0.0000 | 18.0663 | 9.9307 | 0.0000 | 9.9307 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.8882 | 40.4971 | 21.1543 | 0.0380 | | 2.0445 | 2.0445 | 1.8809 | | 1.8809 | 0.0000 | 3,685.6569 | 3,685.6569 | 1.1920 | | 3,715.4573 |
| Total | 3.8882 | 40.4971 | 21.1543 | 0.0380 | 18.0663 | 2.0445 | 20.1107 | 9.9307 | 1.8809 | 11.8116 | 0.0000 | 3,685.6569 | 3,685.6569 | 1.1920 | | 3,715.4573 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.3 Site Preparation - 2021
Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0721 | 0.0369 | 0.5385 | 1.3900e-003 | 0.1369 | 9.2000e-004 | 0.1379 | 0.0363 | 8.5000e-004 | 0.0372 | | 137.9662 | 137.9662 | 3.6700e-003 | | 138.0580 |
| Total | 0.0721 | 0.0369 | 0.5385 | 1.3900e-003 | 0.1369 | 9.2000e-004 | 0.1379 | 0.0363 | 8.5000e-004 | 0.0372 | | 137.9662 | 137.9662 | 3.6700e-003 | | 138.0580 |

3.4 Grading - 2021
Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 4.1912 | 46.3998 | 30.8785 | 0.0620 | 1.9853 | 1.9853 | 1.9853 | 1.8265 | 1.8265 | 1.8265 | | 6,007.0434 | 6,007.0434 | 1.9428 | | 6,055.6134 |
| Total | 4.1912 | 46.3998 | 30.8785 | 0.0620 | 8.6733 | 1.9853 | 10.6587 | 3.5965 | 1.8265 | 5.4230 | | 6,007.0434 | 6,007.0434 | 1.9428 | | 6,055.6134 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.4 Grading - 2021

Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|-----------------|-----------------|--------------------|-----------------|--------|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0802 | 0.0410 | 0.5983 | 1.5400e-003 | 0.1521 | 1.0300e-003 | 0.1532 | 0.0404 | 9.5000e-004 | 0.0413 | 153.2958 | 153.2958 | 4.0800e-003 | 153.3978 | | 153.3978 |
| Total | 0.0802 | 0.0410 | 0.5983 | 1.5400e-003 | 0.1521 | 1.0300e-003 | 0.1532 | 0.0404 | 9.5000e-004 | 0.0413 | 153.2958 | 153.2958 | 4.0800e-003 | 153.3978 | | 153.3978 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 4.1912 | 46.3998 | 30.8785 | 0.0620 | 1.9853 | 1.9853 | 1.9853 | 1.8265 | 1.8265 | 1.8265 | 0.0000 | 6,007.0434 | 6,007.0434 | 1.9428 | | 6,055.6134 |
| Total | 4.1912 | 46.3998 | 30.8785 | 0.0620 | 8.6733 | 1.9853 | 10.6587 | 3.5965 | 1.8265 | 5.4230 | 0.0000 | 6,007.0434 | 6,007.0434 | 1.9428 | | 6,055.6134 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.4 Grading - 2021

Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|-----------------|-----------------|--------------------|-----------------|--------|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0802 | 0.0410 | 0.5983 | 1.5400e-003 | 0.1521 | 1.0300e-003 | 0.1532 | 0.0404 | 9.5000e-004 | 0.0413 | 153.2958 | 153.2958 | 4.0800e-003 | 153.3978 | | 153.3978 |
| Total | 0.0802 | 0.0410 | 0.5983 | 1.5400e-003 | 0.1521 | 1.0300e-003 | 0.1532 | 0.0404 | 9.5000e-004 | 0.0413 | 153.2958 | 153.2958 | 4.0800e-003 | 153.3978 | | 153.3978 |

3.4 Grading - 2022

Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------|------------------------------|------------------------------|---------------|-----|------------------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.6248 | 38.8435 | 29.0415 | 0.0621 | | 1.6349 | 1.6349 | 1.5041 | 1.5041 | 1.5041 | | 6.011.410 ⁵ | 6.011.410 ⁵ | 1.9442 | | 6,060.015 ⁸ |
| Total | 3.6248 | 38.8435 | 29.0415 | 0.0621 | 8.6733 | 1.6349 | 10.3082 | 3.5965 | 1.5041 | 5.1006 | | 6,011.410⁵ | 6,011.410⁵ | 1.9442 | | 6,060.015⁸ |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.4 Grading - 2022

Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|-----------------|-----------------|-----------------|--------------------|--------|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0748 | 0.0369 | 0.5510 | 1.4800e-003 | 0.1521 | 1.0000e-003 | 0.1531 | 0.0404 | 9.2000e-004 | 0.0413 | 147.7983 | 147.7983 | 147.7983 | 3.6700e-003 | | 147.8899 |
| Total | 0.0748 | 0.0369 | 0.5510 | 1.4800e-003 | 0.1521 | 1.0000e-003 | 0.1531 | 0.0404 | 9.2000e-004 | 0.0413 | 147.7983 | 147.7983 | 147.7983 | 3.6700e-003 | | 147.8899 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.6248 | 38.8435 | 29.0415 | 0.0621 | | 1.6349 | 1.6349 | 1.5041 | 1.5041 | 1.5041 | 0.0000 | 6,011.4105 | 6,011.4105 | 1.9442 | | 6,060.0158 |
| Total | 3.6248 | 38.8435 | 29.0415 | 0.0621 | 8.6733 | 1.6349 | 10.3082 | 3.5965 | 1.5041 | 5.1006 | 0.0000 | 6,011.4105 | 6,011.4105 | 1.9442 | | 6,060.0158 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.4 Grading - 2022

Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|-----------------|-----------------|-----------------|--------------------|-----------------|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0748 | 0.0369 | 0.5510 | 1.4800e-003 | 0.1521 | 1.0000e-003 | 0.1531 | 0.0404 | 9.2000e-004 | 0.0413 | 147.7983 | 147.7983 | 147.7983 | 3.6700e-003 | 147.8899 | 147.8899 |
| Total | 0.0748 | 0.0369 | 0.5510 | 1.4800e-003 | 0.1521 | 1.0000e-003 | 0.1531 | 0.0404 | 9.2000e-004 | 0.0413 | 147.7983 | 147.7983 | 147.7983 | 3.6700e-003 | 147.8899 | 147.8899 |

3.4 Grading - 2023

Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|------------------------------|------------------------------|------------------------------|---------------|-----|------------------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.3217 | 34.5156 | 28.0512 | 0.0621 | 1.4245 | 1.4245 | 1.4245 | 1.3105 | 1.3105 | 1.3105 | 6,011.477 ₇ | 6,011.477 ₇ | 6,011.477 ₇ | 1.9442 | | 6,060.083 ₆ |
| Total | 3.3217 | 34.5156 | 28.0512 | 0.0621 | 8.6733 | 1.4245 | 10.0978 | 3.5965 | 1.3105 | 4.9070 | 6,011.477₇ | 6,011.477₇ | 6,011.477₇ | 1.9442 | | 6,060.083₆ |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.4 Grading - 2023

Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|-----------------|-----------------|--------------------|-----------------|--------|--------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0699 | 0.0332 | 0.5072 | 1.4300e-003 | 0.1521 | 9.8000e-004 | 0.1531 | 0.0404 | 9.0000e-004 | 0.0413 | 142.2416 | 142.2416 | 3.2900e-003 | 142.3238 | | |
| Total | 0.0699 | 0.0332 | 0.5072 | 1.4300e-003 | 0.1521 | 9.8000e-004 | 0.1531 | 0.0404 | 9.0000e-004 | 0.0413 | 142.2416 | 142.2416 | 3.2900e-003 | 142.3238 | | |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Fugitive Dust | | | | | 8.6733 | 0.0000 | 8.6733 | 3.5965 | 0.0000 | 3.5965 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.3217 | 34.5156 | 28.0512 | 0.0621 | | 1.4245 | 1.4245 | 1.3105 | 1.3105 | 1.3105 | 0.0000 | 6,011.4777 | 6,011.4777 | 1.9442 | | 6,060.0836 |
| Total | 3.3217 | 34.5156 | 28.0512 | 0.0621 | 8.6733 | 1.4245 | 10.0978 | 3.5965 | 1.3105 | 4.9070 | 0.0000 | 6,011.4777 | 6,011.4777 | 1.9442 | | 6,060.0836 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.4 Grading - 2023

Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|-----------------|-----------------|--------------------|--------------------|-----------------|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0699 | 0.0332 | 0.5072 | 1.4300e-003 | 0.1521 | 9.8000e-004 | 0.1531 | 0.0404 | 9.0000e-004 | 0.0413 | 142.2416 | 142.2416 | 3.2900e-003 | 3.2900e-003 | 142.3238 | 142.3238 |
| Total | 0.0699 | 0.0332 | 0.5072 | 1.4300e-003 | 0.1521 | 9.8000e-004 | 0.1531 | 0.0404 | 9.0000e-004 | 0.0413 | 142.2416 | 142.2416 | 3.2900e-003 | 3.2900e-003 | 142.3238 | 142.3238 |

3.5 Building Construction - 2023

Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Off-Road | 1.5728 | 14.3849 | 16.2440 | 0.0269 | 0.6997 | 0.6997 | 0.6997 | 0.6584 | 0.6584 | 0.6584 | 2,555.2099 | 2,555.2099 | 0.6079 | 0.6079 | 2,570.4061 | 2,570.4061 |
| Total | 1.5728 | 14.3849 | 16.2440 | 0.0269 | 0.6997 | 0.6997 | 0.6997 | 0.6584 | 0.6584 | 0.6584 | 2,555.2099 | 2,555.2099 | 0.6079 | 0.6079 | 2,570.4061 | 2,570.4061 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 2023
Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|-----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|------------------|-----------|------------------|---------------|-----|------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.5877 | 92.5010 | 23.9389 | 0.2738 | 6.8701 | 0.1300 | 7.0001 | 1.9768 | 0.1243 | 2.1011 | 29,052.34 | 65 | 29,087.93 | 1.4235 | | 29,087.93 |
| Worker | 17.7877 | 8.4494 | 128.9980 | 0.3632 | 38.6968 | 0.2482 | 38.9450 | 10.2647 | 0.2286 | 10.4933 | 36,179.16 | 20 | 36,200.06 | 0.8360 | | 36,200.06 |
| Total | 20.3753 | 100.9503 | 152.9369 | 0.6370 | 45.5669 | 0.3782 | 45.9451 | 12.2415 | 0.3529 | 12.5944 | 65,231.50 | 85 | 65,231.50 | 2.2595 | | 65,287.99 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------|------------------|---------------|-----|------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Off-Road | 1.5728 | 14.3849 | 16.2440 | 0.0269 | | 0.6997 | 0.6997 | | 0.6584 | 0.6584 | 0.0000 | 2,555.209 | 2,555.209 | 0.6079 | | 2,570.406 |
| Total | 1.5728 | 14.3849 | 16.2440 | 0.0269 | | 0.6997 | 0.6997 | | 0.6584 | 0.6584 | 0.0000 | 2,555.209 | 2,555.209 | 0.6079 | | 2,570.406 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 2023
Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|-----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|------------------|-----------|------------------|---------------|-----|------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.5877 | 92.5010 | 23.9389 | 0.2738 | 6.8701 | 0.1300 | 7.0001 | 1.9768 | 0.1243 | 2.1011 | 29,052.34 | 65 | 29,087.93 | 1.4235 | | 29,087.93 |
| Worker | 17.7877 | 8.4494 | 128.9980 | 0.3632 | 38.6968 | 0.2482 | 38.9450 | 10.2647 | 0.2286 | 10.4933 | 36,179.16 | 20 | 36,200.06 | 0.8360 | | 36,200.06 |
| Total | 20.3753 | 100.9503 | 152.9369 | 0.6370 | 45.5669 | 0.3782 | 45.9451 | 12.2415 | 0.3529 | 12.5944 | 65,231.50 | 85 | 65,231.50 | 2.2595 | | 65,287.99 |

3.5 Building Construction - 2024
Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|------------------|---------------|-----|------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Off-Road | 1.4716 | 13.4438 | 16.1668 | 0.0270 | | 0.6133 | 0.6133 | | 0.5769 | 0.5769 | | | 2,555.698 | 0.6044 | | 2,570.807 |
| Total | 1.4716 | 13.4438 | 16.1668 | 0.0270 | | 0.6133 | 0.6133 | | 0.5769 | 0.5769 | | | 2,555.698 | 0.6044 | | 2,570.807 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 2025
Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|----------|------------------|------------------|---------------|-----|------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.3647 | 89.1123 | 21.1869 | 0.2704 | 6.8689 | 0.1175 | 6.9864 | 1.9763 | 0.1123 | 2.0887 | | 28,718.07 | 28,718.07 | 1.3895 | | 28,752.81 |
| Worker | 15.7578 | 6.9389 | 110.9947 | 0.3349 | 38.6968 | 0.2382 | 38.9350 | 10.2647 | 0.2193 | 10.4840 | | 33,376.98 | 33,376.98 | 0.6837 | | 33,394.07 |
| Total | 18.1225 | 96.0512 | 132.1816 | 0.6053 | 45.5656 | 0.3557 | 45.9214 | 12.2410 | 0.3317 | 12.5727 | | 62,095.06 | 62,095.06 | 2.0732 | | 62,146.89 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------|------------------|---------------|-----|------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 | 2,556.474 | 0.6010 | | 2,571.498 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 | 2,556.474 | 0.6010 | | 2,571.498 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 2025

Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|------------------|-----------|------------------|---------------|-----|------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.3647 | 89.1123 | 21.1869 | 0.2704 | 6.8689 | 0.1175 | 6.9864 | 1.9763 | 0.1123 | 2.0887 | 28,718.07 | 87 | 28,718.07 | 1.3895 | | 28,752.81 |
| Worker | 15.7578 | 6.9389 | 110.9947 | 0.3349 | 38.6968 | 0.2382 | 38.9350 | 10.2647 | 0.2193 | 10.4840 | 33,376.98 | 46 | 33,376.98 | 0.6837 | | 33,394.07 |
| Total | 18.1225 | 96.0512 | 132.1816 | 0.6053 | 45.5656 | 0.3557 | 45.9214 | 12.2410 | 0.3317 | 12.5727 | 62,095.06 | 33 | 62,095.06 | 2.0732 | | 62,146.89 |

3.5 Building Construction - 2026

Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|------------------|---------------|-----|------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 4 | 2,556.474 | 0.6010 | | 2,571.498 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 4 | 2,556.474 | 0.6010 | | 2,571.498 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 2026
Unmitigated Construction Off-Site

| Category | lb/day | | | | | | | | | | | | | | | | |
|--------------|----------------|----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|------------------|-----------|------------------|---------------|-----|------|------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 |
| Vendor | 2.2758 | 87.5374 | 20.2226 | 0.2688 | 6.8683 | 0.1114 | 6.9797 | 1.9761 | 0.1065 | 2.0826 | 28.56174 | 02 | 28.56174 | 1.3745 | | | 28,596.10 |
| Worker | 14.9160 | 6.3404 | 103.4605 | 0.3224 | 38.6968 | 0.2312 | 38.9280 | 10.2647 | 0.2129 | 10.4776 | 32,136.32 | 92 | 32,136.32 | 0.6227 | | | 32,151.89 |
| Total | 17.1917 | 93.8778 | 123.6831 | 0.5912 | 45.5651 | 0.3426 | 45.9077 | 12.2408 | 0.3193 | 12.5601 | 60.698.06 | 94 | 60,698.06 | 1.9972 | | | 60,747.99 |

Mitigated Construction On-Site

| Category | lb/day | | | | | | | | | | | | | | | | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------|------------------|---------------|-----|------|------------------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | 0.4963 | 0.4963 | 0.4963 | 0.0000 | 2,556.474 | 2,556.474 | 0.6010 | | | 2,571.498 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | 0.4963 | 0.4963 | 0.4963 | 0.0000 | 2,556.474 | 2,556.474 | 0.6010 | | | 2,571.498 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 2026

Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|----------|--------------------|--------------------|---------------|-----|--------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.2758 | 87.5374 | 20.2226 | 0.2688 | 6.8683 | 0.1114 | 6.9797 | 1.9761 | 0.1065 | 2.0826 | | 28,561.7402 | 28,561.7402 | 1.3745 | | 28,596.1031 |
| Worker | 14.9160 | 6.3404 | 103.4605 | 0.3224 | 38.6968 | 0.2312 | 38.9280 | 10.2647 | 0.2129 | 10.4776 | | 32,136.3292 | 32,136.3292 | 0.6227 | | 32,151.8964 |
| Total | 17.1917 | 93.8778 | 123.6831 | 0.5912 | 45.5651 | 0.3426 | 45.9077 | 12.2408 | 0.3193 | 12.5601 | | 60,698.0694 | 60,698.0694 | 1.9972 | | 60,747.9995 |

3.5 Building Construction - 2027

Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.4744 | 2,556.4744 | 0.6010 | | 2,571.4981 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 2028
Unmitigated Construction Off-Site

| lb/day | | | | | | | | | | | | | | | | |
|--------------|----------------|----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|------------------|-----------|------------------|---------------|------------------|-----------|
| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 2.1285 | 84.8521 | 18.6791 | 0.2661 | 6.8674 | 0.1016 | 6.9690 | 1.9758 | 0.0971 | 2.0729 | 28,289.04 | 31 | 28,289.04 | 1.3451 | 28,322.67 | 14 |
| Worker | 13.2577 | 5.3264 | 90.6706 | 0.3013 | 38.6968 | 0.2052 | 38.9020 | 10.2647 | 0.1888 | 10.4535 | 30,043.51 | 90 | 30,043.51 | 0.5202 | 30,056.52 | 48 |
| Total | 15.3861 | 90.1785 | 109.3497 | 0.5674 | 45.5642 | 0.3068 | 45.8710 | 12.2405 | 0.2860 | 12.5264 | 58,332.56 | 21 | 58,332.56 | 1.8654 | 58,379.19 | 62 |

Mitigated Construction On-Site

| lb/day | | | | | | | | | | | | | | | | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------|------------------|---------------|------------------|----------|
| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | 0.5276 | 0.5276 | 0.5276 | 0.4963 | 0.4963 | 0.4963 | 0.0000 | 4 | 2,556.474 | 0.6010 | 2,571.498 | 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | 0.5276 | 0.5276 | 0.5276 | 0.4963 | 0.4963 | 0.4963 | 0.0000 | 4 | 2,556.474 | 0.6010 | 2,571.498 | 1 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 2028

Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|----------|-------------------------|-------------------------|---------------|-----|-------------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 2.1285 | 84.8521 | 18.6791 | 0.2661 | 6.8674 | 0.1016 | 6.9690 | 1.9758 | 0.0971 | 2.0729 | | 28,289.04 31 | 28,289.04 31 | 1.3451 | | 28,322.67 14 |
| Worker | 13.2577 | 5.3264 | 90.6706 | 0.3013 | 38.6968 | 0.2052 | 38.9020 | 10.2647 | 0.1888 | 10.4535 | | 30,043.51 90 | 30,043.51 90 | 0.5202 | | 30,056.52 48 |
| Total | 15.3861 | 90.1785 | 109.3497 | 0.5674 | 45.5642 | 0.3068 | 45.8710 | 12.2405 | 0.2860 | 12.5264 | | 58,332.56 21 | 58,332.56 21 | 1.8654 | | 58,379.19 62 |

3.5 Building Construction - 2029

Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 2029
Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|--------------|----------------|----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|----------|--------------------|--------------------|---------------|-----|------|--------------------|
| | lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 |
| Vendor | 2.0661 | 83.6727 | 18.0909 | 0.2649 | 6.8671 | 0.0969 | 6.9640 | 1.9757 | 0.0927 | 2.0683 | | 28,174.6093 | 28,174.6093 | 1.3304 | | | 28,207.8701 |
| Worker | 12.3487 | 4.8823 | 84.9311 | 0.2925 | 38.6968 | 0.1911 | 38.8879 | 10.2647 | 0.1759 | 10.4406 | | 29,172.8061 | 29,172.8061 | 0.4751 | | | 29,184.6838 |
| Total | 14.4148 | 88.5550 | 103.0220 | 0.5574 | 45.5638 | 0.2881 | 45.8519 | 12.2403 | 0.2685 | 12.5089 | | 57,347.4154 | 57,347.4154 | 1.8055 | | | 57,392.5539 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|------|-------------------|
| | lb/day | | | | | | | | | | | | | | | | |
| Off-Road | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.4744 | 2,556.4744 | 0.6010 | | | 2,571.4981 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.4744 | 2,556.4744 | 0.6010 | | | 2,571.4981 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 2029

Mitigated Construction Off-Site

| lb/day | | | | | | | | | | | | | | | | | |
|--------------|----------------|----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|----------|--------------------|--------------------|---------------|-----|------|--------------------|
| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 |
| Vendor | 2.0661 | 83.6727 | 18.0909 | 0.2649 | 6.8671 | 0.0969 | 6.9640 | 1.9757 | 0.0927 | 2.0683 | | 28,174.6093 | 28,174.6093 | 1.3304 | | | 28,207.8701 |
| Worker | 12.3487 | 4.8823 | 84.9311 | 0.2925 | 38.6968 | 0.1911 | 38.8879 | 10.2647 | 0.1759 | 10.4406 | | 29,172.8061 | 29,172.8061 | 0.4751 | | | 29,184.6838 |
| Total | 14.4148 | 88.5550 | 103.0220 | 0.5574 | 45.5638 | 0.2881 | 45.8519 | 12.2403 | 0.2685 | 12.5089 | | 57,347.4154 | 57,347.4154 | 1.8055 | | | 57,392.5539 |

3.5 Building Construction - 2030

Unmitigated Construction On-Site

| lb/day | | | | | | | | | | | | | | | | | |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|------|-------------------|
| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | 0.1481 | 0.1481 | 0.1481 | 0.1481 | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | 0.1481 | 0.1481 | 0.1481 | 0.1481 | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | | 2,900.4529 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 2030
Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|--------------------|--------------------|--------------------|---------------|--------|--------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 2.0100 | 82.5687 | 17.6081 | 0.2639 | 6.8667 | 0.0922 | 6.9590 | 1.9755 | 0.0882 | 2.0637 | 28,072.6394 | 28,072.6394 | 28,072.6394 | 1.3152 | | 28,105.5188 |
| Worker | 11.4673 | 4.4816 | 79.7744 | 0.2848 | 38.6968 | 0.1780 | 38.8748 | 10.2647 | 0.1638 | 10.4285 | 28,406.4238 | 28,406.4238 | 28,406.4238 | 0.4350 | | 28,417.2988 |
| Total | 13.4773 | 87.0504 | 97.3825 | 0.5487 | 45.5635 | 0.2703 | 45.8338 | 12.2402 | 0.2520 | 12.4922 | 56,479.0632 | 56,479.0632 | 56,479.0632 | 1.7502 | | 56,522.8176 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 2031
Unmitigated Construction Off-Site

| Category | lb/day | | | | | | | | | | | | | | | | |
|--------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|--------------------|--------------------|--------------------|---------------|--------|--------------------|--------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 1.9625 | 81.5660 | 17.2135 | 0.2630 | 6.8665 | 0.0880 | 6.9545 | 1.9754 | 0.0842 | 2.0596 | 27,986.0675 | 27,986.0675 | 27,986.0675 | 1.3020 | | 28,018.6176 | |
| Worker | 10.5385 | 4.1040 | 74.8728 | 0.2780 | 38.6968 | 0.1656 | 38.8624 | 10.2647 | 0.1524 | 10.4170 | 27,734.8230 | 27,734.8230 | 27,734.8230 | 0.3975 | | 27,744.7605 | |
| Total | 12.5010 | 85.6700 | 92.0864 | 0.5410 | 45.5632 | 0.2536 | 45.8169 | 12.2401 | 0.2365 | 12.4766 | 55,720.8904 | 55,720.8904 | 55,720.8904 | 1.6995 | | 55,763.3780 | |

Mitigated Construction On-Site

| Category | lb/day | | | | | | | | | | | | | | | | |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|--|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 | |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 | |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 2031

Mitigated Construction Off-Site

| Category | lb/day | | | | | | | | | | | | | | | | |
|--------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|--------------------|--------------------|--------------------|---------------|--------|--------------------|--------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 1.9625 | 81.5660 | 17.2135 | 0.2630 | 6.8665 | 0.0880 | 6.9545 | 1.9754 | 0.0842 | 2.0596 | 27,986.0675 | 27,986.0675 | 27,986.0675 | 1.3020 | | 28,018.6176 | |
| Worker | 10.5385 | 4.1040 | 74.8728 | 0.2780 | 38.6968 | 0.1656 | 38.8624 | 10.2647 | 0.1524 | 10.4170 | 27,734.8230 | 27,734.8230 | 27,734.8230 | 0.3975 | | 27,744.7605 | |
| Total | 12.5010 | 85.6700 | 92.0864 | 0.5410 | 45.5632 | 0.2536 | 45.8169 | 12.2401 | 0.2365 | 12.4766 | 55,720.8904 | 55,720.8904 | 55,720.8904 | 1.6995 | | 55,763.3780 | |

3.5 Building Construction - 2032

Unmitigated Construction On-Site

| Category | lb/day | | | | | | | | | | | | | | | | |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|--|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 | |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | | 2,897.5468 | 2,897.5468 | 0.1162 | | 2,900.4529 | |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 2032
Unmitigated Construction Off-Site

| Category | lb/day | | | | | | | | | | | | | | | | |
|--------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|------------------|-----------|------------------|---------------|-----------|------------------|-----------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 1.9228 | 80.6329 | 16.9014 | 0.2623 | 6.8662 | 0.0846 | 6.9509 | 1.9754 | 0.0809 | 2.0563 | 27,915.48 | 58 | 27,915.48 | 1.2904 | 56 | 27,947.74 | 56 |
| Worker | 9.7043 | 3.7780 | 70.5536 | 0.2721 | 38.6968 | 0.1541 | 38.8508 | 10.2647 | 0.1417 | 10.4064 | 27,150.24 | 68 | 27,150.24 | 0.3649 | 81 | 27,159.36 | 81 |
| Total | 11.6271 | 84.4110 | 87.4550 | 0.5344 | 45.5630 | 0.2387 | 45.8017 | 12.2400 | 0.2226 | 12.4627 | 55,065.73 | 26 | 55,065.73 | 1.6552 | 38 | 55,107.11 | 38 |

Mitigated Construction On-Site

| Category | lb/day | | | | | | | | | | | | | | | | |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------|------------------|---------------|----------|------------------|----------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | 0.1481 | 0.1481 | 0.1481 | 0.1481 | 0.1481 | 0.1481 | 0.0000 | 2,897.546 | 2,897.546 | 0.1162 | 9 | 2,900.452 | 9 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | 0.1481 | 0.1481 | 0.1481 | 0.1481 | 0.1481 | 0.1481 | 0.0000 | 2,897.546 | 2,897.546 | 0.1162 | 9 | 2,900.452 | 9 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 2032

Mitigated Construction Off-Site

| lb/day | | | | | | | | | | | | | | | | |
|--------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|------------------|-----------|------------------|---------------|------------------|-----------|
| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 1.9228 | 80.6329 | 16.9014 | 0.2623 | 6.8662 | 0.0846 | 6.9509 | 1.9754 | 0.0809 | 2.0563 | 27,915.48 | 58 | 27,915.48 | 1.2904 | 27,947.74 | 56 |
| Worker | 9.7043 | 3.7780 | 70.5536 | 0.2721 | 38.6968 | 0.1541 | 38.8508 | 10.2647 | 0.1417 | 10.4064 | 27,150.24 | 68 | 27,150.24 | 0.3649 | 27,159.36 | 81 |
| Total | 11.6271 | 84.4110 | 87.4550 | 0.5344 | 45.5630 | 0.2387 | 45.8017 | 12.2400 | 0.2226 | 12.4627 | 55,065.73 | 26 | 55,065.73 | 1.6552 | 55,107.11 | 38 |

3.5 Building Construction - 2033

Unmitigated Construction On-Site

| lb/day | | | | | | | | | | | | | | | | |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|------------------|-----------|------------------|---------------|------------------|----------|
| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | 0.1481 | 0.1481 | 0.1481 | 0.1481 | 0.1481 | 0.1481 | 2,897.546 | 8 | 2,897.546 | 0.1162 | 2,900.452 | 9 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | 0.1481 | 0.1481 | 0.1481 | 0.1481 | 0.1481 | 0.1481 | 2,897.546 | 8 | 2,897.546 | 0.1162 | 2,900.452 | 9 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 2033
Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|----------|-----------|------------------|---------------|-----|------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.8894 | 79.8044 | 16.6365 | 0.2617 | 6.8660 | 0.0817 | 6.9478 | 1.9753 | 0.0781 | 2.0534 | | 27 | 27,854.00 | 1.2801 | | 27,886.00 |
| Worker | 9.0198 | 3.5106 | 66.9099 | 0.2670 | 38.6968 | 0.1437 | 38.8405 | 10.2647 | 0.1322 | 10.3969 | | 03 | 26,646.24 | 0.3377 | | 26,654.68 |
| Total | 10.9091 | 83.3149 | 83.5464 | 0.5287 | 45.5628 | 0.2254 | 45.7883 | 12.2400 | 0.2103 | 12.4503 | | 30 | 54,500.24 | 1.6178 | | 54,540.68 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------|------------------|---------------|-----|------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Off-Road | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 8 | 2,897.546 | 0.1162 | | 2,900.452 |
| Total | 1.3091 | 7.9346 | 16.1570 | 0.0310 | | 0.1481 | 0.1481 | | 0.1481 | 0.1481 | 0.0000 | 8 | 2,897.546 | 0.1162 | | 2,900.452 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.5 Building Construction - 2033

Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|----------|------------------|------------------|---------------|-----|------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 1.8894 | 79.8044 | 16.6365 | 0.2617 | 6.8660 | 0.0817 | 6.9478 | 1.9753 | 0.0781 | 2.0534 | | 27,854.00 | 27,854.00 | 1.2801 | | 27,886.00 |
| Worker | 9.0198 | 3.5106 | 66.9099 | 0.2670 | 38.6968 | 0.1437 | 38.8405 | 10.2647 | 0.1322 | 10.3969 | | 26,646.24 | 26,646.24 | 0.3377 | | 26,654.68 |
| Total | 10.9091 | 83.3149 | 83.5464 | 0.5287 | 45.5628 | 0.2254 | 45.7883 | 12.2400 | 0.2103 | 12.4503 | | 54,500.24 | 54,500.24 | 1.6178 | | 54,540.68 |

3.6 Paving - 2033

Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------|------------------|---------------|-----|------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Off-Road | 1.3845 | 7.1202 | 15.8495 | 0.0281 | | 0.3306 | 0.3306 | | 0.3306 | 0.3306 | | 2,656.516 | 2,656.516 | 0.1245 | | 2,659.630 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.3845 | 7.1202 | 15.8495 | 0.0281 | | 0.3306 | 0.3306 | | 0.3306 | 0.3306 | | 2,656.516 | 2,656.516 | 0.1245 | | 2,659.630 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.6 Paving - 2033

Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------------|----------------|----------------|--------------------|--------|----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0266 | 0.0104 | 0.1973 | 7.9000e-004 | 0.1141 | 4.2000e-004 | 0.1145 | 0.0303 | 3.9000e-004 | 0.0307 | 78.5716 | 78.5716 | 78.5716 | 1.0000e-003 | | 78.5965 |
| Total | 0.0266 | 0.0104 | 0.1973 | 7.9000e-004 | 0.1141 | 4.2000e-004 | 0.1145 | 0.0303 | 3.9000e-004 | 0.0307 | 78.5716 | 78.5716 | 78.5716 | 1.0000e-003 | | 78.5965 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Off-Road | 1.3845 | 7.1202 | 15.8495 | 0.0281 | | 0.3306 | 0.3306 | | 0.3306 | 0.3306 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.1245 | | 2,659.6302 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.3845 | 7.1202 | 15.8495 | 0.0281 | | 0.3306 | 0.3306 | | 0.3306 | 0.3306 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.1245 | | 2,659.6302 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.6 Paving - 2033

Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------------|----------------|----------------|--------------------|--------|----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0266 | 0.0104 | 0.1973 | 7.9000e-004 | 0.1141 | 4.2000e-004 | 0.1145 | 0.0303 | 3.9000e-004 | 0.0307 | 78.5716 | 78.5716 | 78.5716 | 1.0000e-003 | | 78.5965 |
| Total | 0.0266 | 0.0104 | 0.1973 | 7.9000e-004 | 0.1141 | 4.2000e-004 | 0.1145 | 0.0303 | 3.9000e-004 | 0.0307 | 78.5716 | 78.5716 | 78.5716 | 1.0000e-003 | | 78.5965 |

3.6 Paving - 2034

Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Off-Road | 1.3845 | 7.1202 | 15.8495 | 0.0281 | | 0.3306 | 0.3306 | | 0.3306 | 0.3306 | | 2,656.5168 | 2,656.5168 | 0.1245 | | 2,659.6302 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.3845 | 7.1202 | 15.8495 | 0.0281 | | 0.3306 | 0.3306 | | 0.3306 | 0.3306 | | 2,656.5168 | 2,656.5168 | 0.1245 | | 2,659.6302 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.6 Paving - 2034

Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------------|----------------|----------------|--------------------|-----|------|----------------|
| lb/day | | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 |
| Worker | 0.0248 | 9.6800e-003 | 0.1871 | 7.7000e-004 | 0.1141 | 4.0000e-004 | 0.1145 | 0.0303 | 3.6000e-004 | 0.0306 | 77.2878 | 77.2878 | 77.2878 | 9.2000e-004 | | | 77.3109 |
| Total | 0.0248 | 9.6800e-003 | 0.1871 | 7.7000e-004 | 0.1141 | 4.0000e-004 | 0.1145 | 0.0303 | 3.6000e-004 | 0.0306 | 77.2878 | 77.2878 | 77.2878 | 9.2000e-004 | | | 77.3109 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|------|-------------------|
| lb/day | | | | | | | | | | | | | | | | | |
| Off-Road | 1.3845 | 7.1202 | 15.8495 | 0.0281 | | 0.3306 | 0.3306 | | 0.3306 | 0.3306 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.1245 | | | 2,659.6302 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | | 0.0000 |
| Total | 1.3845 | 7.1202 | 15.8495 | 0.0281 | | 0.3306 | 0.3306 | | 0.3306 | 0.3306 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.1245 | | | 2,659.6302 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.6 Paving - 2034

Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------------|----------------|----------------|--------------------|--------|----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0248 | 9.6800e-003 | 0.1871 | 7.7000e-004 | 0.1141 | 4.0000e-004 | 0.1145 | 0.0303 | 3.6000e-004 | 0.0306 | 77.2878 | 77.2878 | 77.2878 | 9.2000e-004 | | 77.3109 |
| Total | 0.0248 | 9.6800e-003 | 0.1871 | 7.7000e-004 | 0.1141 | 4.0000e-004 | 0.1145 | 0.0303 | 3.6000e-004 | 0.0306 | 77.2878 | 77.2878 | 77.2878 | 9.2000e-004 | | 77.3109 |

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1709 | 1.1455 | 1.8091 | 2.9700e-003 | | 0.0515 | 0.0515 | | 0.0515 | 0.0515 | | | 281.4481 | 0.0154 | | 281.8319 |
| Total | 24.1317 | 1.1455 | 1.8091 | 2.9700e-003 | | 0.0515 | 0.0515 | | 0.0515 | 0.0515 | | | 281.4481 | 0.0154 | | 281.8319 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2025
Unmitigated Construction Off-Site**

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|-------------------|-------------------|---------------|---------------|--------|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.1503 | 1.3872 | 22.1902 | 0.0670 | 7.7363 | 0.0476 | 7.7839 | 2.0521 | 0.0439 | 2.0960 | 6,672.7724 | 6,672.7724 | 0.1367 | 0.1367 | | 6,676.1896 |
| Total | 3.1503 | 1.3872 | 22.1902 | 0.0670 | 7.7363 | 0.0476 | 7.7839 | 2.0521 | 0.0439 | 2.0960 | 6,672.7724 | 6,672.7724 | 0.1367 | 0.1367 | | 6,676.1896 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1709 | 1.1455 | 1.8091 | 2.9700e-003 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0000 | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |
| Total | 24.1317 | 1.1455 | 1.8091 | 2.9700e-003 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0000 | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 Architectural Coating - 2025
Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|-------------------|-------------------|---------------|---------------|--------|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.1503 | 1.3872 | 22.1902 | 0.0670 | 7.7363 | 0.0476 | 7.7839 | 2.0521 | 0.0439 | 2.0960 | 6,672.7724 | 6,672.7724 | 0.1367 | 0.1367 | | 6,676.1896 |
| Total | 3.1503 | 1.3872 | 22.1902 | 0.0670 | 7.7363 | 0.0476 | 7.7839 | 2.0521 | 0.0439 | 2.0960 | 6,672.7724 | 6,672.7724 | 0.1367 | 0.1367 | | 6,676.1896 |

3.7 Architectural Coating - 2026
Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1709 | 1.1455 | 1.8091 | 2.9700e-003 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 281.4481 | 281.4481 | 0.0154 | 0.0154 | | 281.8319 |
| Total | 24.1317 | 1.1455 | 1.8091 | 2.9700e-003 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 281.4481 | 281.4481 | 0.0154 | 0.0154 | | 281.8319 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2026
Unmitigated Construction Off-Site**

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|-------------------|-------------------|-------------------|---------------|-----|------|-------------------|
| lb/day | | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 |
| Worker | 2.9820 | 1.2676 | 20.6840 | 0.0645 | 7.7363 | 0.0462 | 7.7825 | 2.0521 | 0.0426 | 2.0947 | 6,424.7389 | 6,424.7389 | 6,424.7389 | 0.1245 | | | 6,427.8511 |
| Total | 2.9820 | 1.2676 | 20.6840 | 0.0645 | 7.7363 | 0.0462 | 7.7825 | 2.0521 | 0.0426 | 2.0947 | 6,424.7389 | 6,424.7389 | 6,424.7389 | 0.1245 | | | 6,427.8511 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|------|-----------------|
| lb/day | | | | | | | | | | | | | | | | | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | | 0.0000 |
| Off-Road | 0.1709 | 1.1455 | 1.8091 | 2.9700e-003 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0000 | 281.4481 | 281.4481 | 0.0154 | | | 281.8319 |
| Total | 24.1317 | 1.1455 | 1.8091 | 2.9700e-003 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0000 | 281.4481 | 281.4481 | 0.0154 | | | 281.8319 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 Architectural Coating - 2026
Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|-------------------|-------------------|---------------|---------------|--------|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.9820 | 1.2676 | 20.6840 | 0.0645 | 7.7363 | 0.0462 | 7.7825 | 2.0521 | 0.0426 | 2.0947 | 6,424.7389 | 6,424.7389 | 0.1245 | 0.1245 | | 6,427.8511 |
| Total | 2.9820 | 1.2676 | 20.6840 | 0.0645 | 7.7363 | 0.0462 | 7.7825 | 2.0521 | 0.0426 | 2.0947 | 6,424.7389 | 6,424.7389 | 0.1245 | 0.1245 | | 6,427.8511 |

3.7 Architectural Coating - 2027
Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1709 | 1.1455 | 1.8091 | 2.9700e-003 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 281.4481 | 281.4481 | 0.0154 | 0.0154 | | 281.8319 |
| Total | 24.1317 | 1.1455 | 1.8091 | 2.9700e-003 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 281.4481 | 281.4481 | 0.0154 | 0.0154 | | 281.8319 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2027
Unmitigated Construction Off-Site**

| Category | lb/day | | | | | | | | | | | | | | | | |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|------------------------------|------------------------------|------------------------------|---------------|--------|------------------------------|--------|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.8179 | 1.1602 | 19.3252 | 0.0622 | 7.7363 | 0.0440 | 7.7803 | 2.0521 | 0.0405 | 2.0926 | 6,202.999 ₇ | 6,202.999 ₇ | 6,202.999 ₇ | 0.1135 | | 6,205.836 ₇ | |
| Total | 2.8179 | 1.1602 | 19.3252 | 0.0622 | 7.7363 | 0.0440 | 7.7803 | 2.0521 | 0.0405 | 2.0926 | 6,202.999₇ | 6,202.999₇ | 6,202.999₇ | 0.1135 | | 6,205.836₇ | |

Mitigated Construction On-Site

| Category | lb/day | | | | | | | | | | | | | | | | |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|--|
| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 | |
| Off-Road | 0.1709 | 1.1455 | 1.8091 | 2.9700e-003 | | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0000 | 281.4481 | 281.4481 | 0.0154 | | 281.8319 | |
| Total | 24.1317 | 1.1455 | 1.8091 | 2.9700e-003 | | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0000 | 281.4481 | 281.4481 | 0.0154 | | 281.8319 | |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 Architectural Coating - 2027
Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|------------------------------|------------------------------|------------------------------|---------------|-----|------|------------------------------|
| lb/day | | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 |
| Worker | 2.8179 | 1.1602 | 19.3252 | 0.0622 | 7.7363 | 0.0440 | 7.7803 | 2.0521 | 0.0405 | 2.0926 | 6,202.999 ₇ | 6,202.999 ₇ | 6,202.999 ₇ | 0.1135 | | | 6,205.836 ₇ |
| Total | 2.8179 | 1.1602 | 19.3252 | 0.0622 | 7.7363 | 0.0440 | 7.7803 | 2.0521 | 0.0405 | 2.0926 | 6,202.999₇ | 6,202.999₇ | 6,202.999₇ | 0.1135 | | | 6,205.836₇ |

3.7 Architectural Coating - 2028
Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|-----------------|-----------------|-----------------|---------------|-----|------|-----------------|
| lb/day | | | | | | | | | | | | | | | | | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | | 0.0000 |
| Off-Road | 0.1709 | 1.1455 | 1.8091 | 2.9700e-003 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 281.4481 | 281.4481 | 281.4481 | 0.0154 | | | 281.8319 |
| Total | 24.1317 | 1.1455 | 1.8091 | 2.9700e-003 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 281.4481 | 281.4481 | 281.4481 | 0.0154 | | | 281.8319 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2028
Unmitigated Construction Off-Site**

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|-------------------|-------------------|-------------------|---------------|--------|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.6505 | 1.0649 | 18.1270 | 0.0602 | 7.7363 | 0.0410 | 7.7773 | 2.0521 | 0.0378 | 2.0899 | 6,006.3414 | 6,006.3414 | 6,006.3414 | 0.1040 | | 6,008.9416 |
| Total | 2.6505 | 1.0649 | 18.1270 | 0.0602 | 7.7363 | 0.0410 | 7.7773 | 2.0521 | 0.0378 | 2.0899 | 6,006.3414 | 6,006.3414 | 6,006.3414 | 0.1040 | | 6,008.9416 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1709 | 1.1455 | 1.8091 | 2.9700e-003 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0000 | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |
| Total | 24.1317 | 1.1455 | 1.8091 | 2.9700e-003 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0000 | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 Architectural Coating - 2028
Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|-------------------|-------------------|-------------------|---------------|-----|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 2.6505 | 1.0649 | 18.1270 | 0.0602 | 7.7363 | 0.0410 | 7.7773 | 2.0521 | 0.0378 | 2.0899 | 6,006.3414 | 6,006.3414 | 6,006.3414 | 0.1040 | | 6,008.9416 |
| Total | 2.6505 | 1.0649 | 18.1270 | 0.0602 | 7.7363 | 0.0410 | 7.7773 | 2.0521 | 0.0378 | 2.0899 | 6,006.3414 | 6,006.3414 | 6,006.3414 | 0.1040 | | 6,008.9416 |

3.7 Architectural Coating - 2029
Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|-----------------|-----------------|-----------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1709 | 1.1455 | 1.8091 | 2.9700e-003 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 281.4481 | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |
| Total | 24.1317 | 1.1455 | 1.8091 | 2.9700e-003 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 281.4481 | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2029
Unmitigated Construction Off-Site**

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------------|------------------------|------------------------|---------------|-----|------------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 2.4688 | 0.9761 | 16.9795 | 0.0585 | 7.7363 | 0.0382 | 7.7745 | 2.0521 | 0.0352 | 2.0873 | 5,832.267 3 | 5,832.267 3 | 5,832.267 3 | 0.0950 | | 5,834.641 9 |
| Total | 2.4688 | 0.9761 | 16.9795 | 0.0585 | 7.7363 | 0.0382 | 7.7745 | 2.0521 | 0.0352 | 2.0873 | | 5,832.267 3 | 5,832.267 3 | 0.0950 | | 5,834.641 9 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1709 | 1.1455 | 1.8091 | 2.9700e-003 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0000 | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |
| Total | 24.1317 | 1.1455 | 1.8091 | 2.9700e-003 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0515 | 0.0000 | 281.4481 | 281.4481 | 0.0154 | | 281.8319 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 Architectural Coating - 2029
Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|------------------------|------------------------|------------------------|---------------|------------------------|------------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.4688 | 0.9761 | 16.9795 | 0.0585 | 7.7363 | 0.0382 | 7.7745 | 2.0521 | 0.0352 | 2.0873 | 5,832.267 3 | 5,832.267 3 | 5,832.267 3 | 0.0950 | 5,834.641 9 | 5,834.641 9 |
| Total | 2.4688 | 0.9761 | 16.9795 | 0.0585 | 7.7363 | 0.0382 | 7.7745 | 2.0521 | 0.0352 | 2.0873 | 5,832.267 3 | 5,832.267 3 | 5,832.267 3 | 0.0950 | 5,834.641 9 | 5,834.641 9 |

3.7 Architectural Coating - 2030
Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1308 | 0.8563 | 1.7977 | 2.9700e-003 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 281.4481 | 281.4481 | 281.4481 | 0.0114 | 281.7328 | 281.7328 |
| Total | 24.0916 | 0.8563 | 1.7977 | 2.9700e-003 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 281.4481 | 281.4481 | 281.4481 | 0.0114 | 281.7328 | 281.7328 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 Architectural Coating - 2030
Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|-------------------|-------------------|-------------------|---------------|---------------|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.2926 | 0.8960 | 15.9486 | 0.0569 | 7.7363 | 0.0356 | 7.7719 | 2.0521 | 0.0328 | 2.0849 | 5,679.0511 | 5,679.0511 | 5,679.0511 | 0.0870 | 0.0870 | 5,681.2253 |
| Total | 2.2926 | 0.8960 | 15.9486 | 0.0569 | 7.7363 | 0.0356 | 7.7719 | 2.0521 | 0.0328 | 2.0849 | 5,679.0511 | 5,679.0511 | 5,679.0511 | 0.0870 | 0.0870 | 5,681.2253 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1308 | 0.8563 | 1.7977 | 2.9700e-003 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0000 | 281.4481 | 281.4481 | 0.0114 | 0.0114 | 281.7328 |
| Total | 24.0916 | 0.8563 | 1.7977 | 2.9700e-003 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0000 | 281.4481 | 281.4481 | 0.0114 | 0.0114 | 281.7328 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 Architectural Coating - 2030
Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|------------------|-----------|------------------|---------------|-----|------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 2.2926 | 0.8960 | 15.9486 | 0.0569 | 7.7363 | 0.0356 | 7.7719 | 2.0521 | 0.0328 | 2.0849 | 5,679.051 | 1 | 5,679.051 | 0.0870 | | 5,681,225 |
| Total | 2.2926 | 0.8960 | 15.9486 | 0.0569 | 7.7363 | 0.0356 | 7.7719 | 2.0521 | 0.0328 | 2.0849 | 5,679.051 | 1 | 5,679.051 | 0.0870 | | 5,681,225 |
| lb/day | | | | | | | | | | | | | | | | |

3.7 Architectural Coating - 2031
Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|-----------------|-----------------|-----------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1308 | 0.8563 | 1.7977 | 2.9700e-003 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 281.4481 | 281.4481 | 281.4481 | 0.0114 | | 281.7328 |
| Total | 24.0916 | 0.8563 | 1.7977 | 2.9700e-003 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 281.4481 | 281.4481 | 281.4481 | 0.0114 | | 281.7328 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 Architectural Coating - 2031
Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|------------------|-----------|------------------|---------------|--------|------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.1069 | 0.8205 | 14.9687 | 0.0556 | 7.7363 | 0.0331 | 7.7694 | 2.0521 | 0.0305 | 2.0826 | 5,544.783 | 8 | 5,544.783 | 0.0795 | | 5,546.770 |
| Total | 2.1069 | 0.8205 | 14.9687 | 0.0556 | 7.7363 | 0.0331 | 7.7694 | 2.0521 | 0.0305 | 2.0826 | 5,544.783 | 8 | 5,544.783 | 0.0795 | | 5,546.770 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1308 | 0.8563 | 1.7977 | 2.9700e-003 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0000 | 281.4481 | 281.4481 | 0.0114 | | 281.7328 |
| Total | 24.0916 | 0.8563 | 1.7977 | 2.9700e-003 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0000 | 281.4481 | 281.4481 | 0.0114 | | 281.7328 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 Architectural Coating - 2032
Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|-------------------|-------------------|---------------|--------|-----|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 1.9401 | 0.7553 | 14.1052 | 0.0544 | 7.7363 | 0.0308 | 7.7671 | 2.0521 | 0.0283 | 2.0805 | 5,427.9145 | 5,427.9145 | 0.0729 | | | 5,429.7380 |
| Total | 1.9401 | 0.7553 | 14.1052 | 0.0544 | 7.7363 | 0.0308 | 7.7671 | 2.0521 | 0.0283 | 2.0805 | 5,427.9145 | 5,427.9145 | 0.0729 | | | 5,429.7380 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1308 | 0.8563 | 1.7977 | 2.9700e-003 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0000 | 281.4481 | 281.4481 | 0.0114 | | 281.7328 |
| Total | 24.0916 | 0.8563 | 1.7977 | 2.9700e-003 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0000 | 281.4481 | 281.4481 | 0.0114 | | 281.7328 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 Architectural Coating - 2032

Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|------------------|------------------|------------------|---------------|--------|------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 1.9401 | 0.7553 | 14.1052 | 0.0544 | 7.7363 | 0.0308 | 7.7671 | 2.0521 | 0.0283 | 2.0805 | 5,427.914 | 5,427.914 | 5,427.914 | 0.0729 | | 5,429.738 |
| Total | 1.9401 | 0.7553 | 14.1052 | 0.0544 | 7.7363 | 0.0308 | 7.7671 | 2.0521 | 0.0283 | 2.0805 | 5,427.914 | 5,427.914 | 5,427.914 | 0.0729 | | 5,429.738 |

3.7 Architectural Coating - 2033

Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1308 | 0.8563 | 1.7977 | 2.9700e-003 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | | 281.4481 | 281.4481 | 0.0114 | | 281.7328 |
| Total | 24.0916 | 0.8563 | 1.7977 | 2.9700e-003 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | | 281.4481 | 281.4481 | 0.0114 | | 281.7328 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 Architectural Coating - 2033
Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|------------|-------------------|-------------------|---------------|-----|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 1.8033 | 0.7018 | 13.3767 | 0.0534 | 7.7363 | 0.0287 | 7.7650 | 2.0521 | 0.0264 | 2.0786 | 5,327.1528 | 5,327.1528 | 5,327.1528 | 0.0675 | | 5,328.8405 |
| Total | 1.8033 | 0.7018 | 13.3767 | 0.0534 | 7.7363 | 0.0287 | 7.7650 | 2.0521 | 0.0264 | 2.0786 | | 5,327.1528 | 5,327.1528 | 0.0675 | | 5,328.8405 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1308 | 0.8563 | 1.7977 | 2.9700e-003 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0000 | 281.4481 | 281.4481 | 0.0114 | | 281.7328 |
| Total | 24.0916 | 0.8563 | 1.7977 | 2.9700e-003 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0000 | 281.4481 | 281.4481 | 0.0114 | | 281.7328 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 Architectural Coating - 2033
Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|------------|-------------------|-------------------|---------------|-----|-------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 1.8033 | 0.7018 | 13.3767 | 0.0534 | 7.7363 | 0.0287 | 7.7650 | 2.0521 | 0.0264 | 2.0786 | 5,327.1528 | 5,327.1528 | 5,327.1528 | 0.0675 | | 5,328.8405 |
| Total | 1.8033 | 0.7018 | 13.3767 | 0.0534 | 7.7363 | 0.0287 | 7.7650 | 2.0521 | 0.0264 | 2.0786 | | 5,327.1528 | 5,327.1528 | 0.0675 | | 5,328.8405 |

3.7 Architectural Coating - 2034
Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1308 | 0.8563 | 1.7977 | 2.9700e-003 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | | 281.4481 | 281.4481 | 0.0114 | | 281.7328 |
| Total | 24.0916 | 0.8563 | 1.7977 | 2.9700e-003 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | | 281.4481 | 281.4481 | 0.0114 | | 281.7328 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 Architectural Coating - 2034
Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|------------------|------------------|------------------|---------------|-----|------|------------------|
| lb/day | | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 |
| Worker | 1.6796 | 0.6562 | 12.6877 | 0.0525 | 7.7363 | 0.0268 | 7.7631 | 2.0521 | 0.0247 | 2.0768 | 5,240.115 | 5,240.115 | 5,240.115 | 0.0624 | | | 5,241.676 |
| Total | 1.6796 | 0.6562 | 12.6877 | 0.0525 | 7.7363 | 0.0268 | 7.7631 | 2.0521 | 0.0247 | 2.0768 | 5,240.115 | 5,240.115 | 5,240.115 | 0.0624 | | | 5,241.676 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|------|-----------------|
| lb/day | | | | | | | | | | | | | | | | | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | | 0.0000 |
| Off-Road | 0.1308 | 0.8563 | 1.7977 | 2.9700e-003 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0000 | 281.4481 | 281.4481 | 0.0114 | | | 281.7328 |
| Total | 24.0916 | 0.8563 | 1.7977 | 2.9700e-003 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0203 | 0.0000 | 281.4481 | 281.4481 | 0.0114 | | | 281.7328 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 Architectural Coating - 2034
Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|------------------|------------------|------------------|---------------|------------------|----------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 1.6796 | 0.6562 | 12.6877 | 0.0525 | 7.7363 | 0.0268 | 7.7631 | 2.0521 | 0.0247 | 2.0768 | 5,240.115 | 5,240.115 | 5,240.115 | 0.0624 | 5,241.676 | 4 |
| Total | 1.6796 | 0.6562 | 12.6877 | 0.0525 | 7.7363 | 0.0268 | 7.7631 | 2.0521 | 0.0247 | 2.0768 | 5,240.115 | 5,240.115 | 5,240.115 | 0.0624 | 5,241.676 | 4 |

3.7 Architectural Coating - 2035
Unmitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1179 | 0.7577 | 1.7943 | 2.9700e-003 | 9.9000e-003 | 9.9000e-003 | 9.9000e-003 | 9.9000e-003 | 9.9000e-003 | 9.9000e-003 | 281.4481 | 281.4481 | 281.4481 | 0.0104 | 281.7081 | 281.7081 |
| Total | 24.0787 | 0.7577 | 1.7943 | 2.9700e-003 | 9.9000e-003 | 9.9000e-003 | 9.9000e-003 | 9.9000e-003 | 9.9000e-003 | 9.9000e-003 | 281.4481 | 281.4481 | 281.4481 | 0.0104 | 281.7081 | 281.7081 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 Architectural Coating - 2035
Unmitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|------------------|-----------|------------------|---------------|-----|------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| Worker | 1.5725 | 0.6205 | 12.0977 | 0.0518 | 7.7363 | 0.0251 | 7.7614 | 2.0521 | 0.0231 | 2.0752 | 5,166.080 | 0 | 5,166.080 | 0.0581 | | 5,167.533 |
| Total | 1.5725 | 0.6205 | 12.0977 | 0.0518 | 7.7363 | 0.0251 | 7.7614 | 2.0521 | 0.0231 | 2.0752 | 5,166.080 | 0 | 5,166.080 | 0.0581 | | 5,167.533 |

Mitigated Construction On-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Archit. Coating | 23.9608 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1179 | 0.7577 | 1.7943 | 2.9700e-003 | 9.9000e-003 | 9.9000e-003 | 9.9000e-003 | 9.9000e-003 | 9.9000e-003 | 9.9000e-003 | 0.0000 | 281.4481 | 281.4481 | 0.0104 | | 281.7081 |
| Total | 24.0787 | 0.7577 | 1.7943 | 2.9700e-003 | 9.9000e-003 | 9.9000e-003 | 9.9000e-003 | 9.9000e-003 | 9.9000e-003 | 9.9000e-003 | 0.0000 | 281.4481 | 281.4481 | 0.0104 | | 281.7081 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

3.7 Architectural Coating - 2035

Mitigated Construction Off-Site

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|------------------|-----------|------------------|---------------|----------|------------------|
| lb/day | | | | | | | | | | | | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 1.5725 | 0.6205 | 12.0977 | 0.0518 | 7.7363 | 0.0251 | 7.7614 | 2.0521 | 0.0231 | 2.0752 | 5,166.080 | 0 | 5,166.080 | 0.0581 | 0 | 5,167.533 |
| Total | 1.5725 | 0.6205 | 12.0977 | 0.0518 | 7.7363 | 0.0251 | 7.7614 | 2.0521 | 0.0231 | 2.0752 | 5,166.080 | 0 | 5,166.080 | 0.0581 | 0 | 5,167.533 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

Improve Pedestrian Network

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|----------|----------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------------|------------------|--------|-----|------------------|
| | lb/day | | | | | | | | | | | | | | | |
| Mitigated | 44.3282 | 172.7875 | 356.8222 | 1.5299 | 166.0133 | 0.7575 | 166.7708 | 44.3230 | 0.7034 | 45.0264 | | 156,025.7 392 | 156,025.7 392 | 5.8114 | | 156,171.0 244 |
| Unmitigated | 44.6676 | 174.2812 | 366.0337 | 1.5749 | 171.4588 | 0.7770 | 172.2358 | 45.7769 | 0.7216 | 46.4985 | | 160,603.1 605 | 160,603.1 605 | 5.9416 | | 160,751.7 014 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | | Mitigated | |
|--------------------------|-------------------------|------------------|------------------|-------------------|-------------------|-----------|--|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT | | |
| Apartments Low Rise | 10,972.35 | 11,921.40 | 10106.55 | 13,336,461 | 12,912,895 | | |
| Apartments Mid Rise | 20,515.25 | 19,713.15 | 18078.10 | 41,094,756 | 39,789,586 | | |
| City Park | 150.26 | 1,808.63 | 1330.83 | 1,052,265 | 1,018,845 | | |
| Condo/Townhouse | 871.50 | 850.50 | 726.00 | 2,175,327 | 2,106,239 | | |
| Racquet Club | 883.89 | 1,345.05 | 1096.20 | 1,294,152 | 1,253,049 | | |
| Regional Shopping Center | 10,419.65 | 12,193.68 | 6159.06 | 14,063,079 | 13,616,436 | | |
| Total | 43,812.90 | 47,832.40 | 37,496.74 | 73,016,039 | 70,697,050 | | |

4.3 Trip Type Information

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| 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 | |
| Apartments Low Rise | 1.00 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 | |
| Apartments Mid Rise | 6.56 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 | |
| City Park | 10.55 | 5.00 | 6.50 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 | |
| Condo/Townhouse | 10.00 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 | |
| Racquet Club | 10.00 | 5.00 | 6.50 | 11.50 | 69.50 | 19.00 | 52 | 39 | 9 | |
| Regional Shopping Center | 10.00 | 5.00 | 6.50 | 16.30 | 64.70 | 19.00 | 54 | 35 | 11 | |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments Low Rise | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Apartments Mid Rise | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| City Park | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Condo/Townhouse | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Racquet Club | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |
| Regional Shopping Center | 0.578893 | 0.033999 | 0.212840 | 0.104491 | 0.010628 | 0.004325 | 0.018736 | 0.026318 | 0.001852 | 0.001362 | 0.005392 | 0.000598 | 0.000566 |

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|--------|---------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|--------|--------|-------------|
| | lb/day | | | | | | | | | | | | | | | |
| Natural Gas Mitigated | 1.6481 | 14.1417 | 6.4161 | 0.0899 | 1.1387 | 1.1387 | 1.1387 | 1.1387 | 1.1387 | 1.1387 | | 17,979.5739 | 17,979.5739 | 0.3446 | 0.3296 | 18,086.4175 |
| Natural Gas Unmitigated | 1.6481 | 14.1417 | 6.4161 | 0.0899 | 1.1387 | 1.1387 | 1.1387 | 1.1387 | 1.1387 | 1.1387 | | 17,979.5739 | 17,979.5739 | 0.3446 | 0.3296 | 18,086.4175 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

5.2 Energy by Land Use - Natural Gas

Unmitigated

| Land Use | Natural Gas Use kBtu/yr | lb/day | | | | | | | | | | lb/day | | | | | |
|--------------------------|----------------------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------|--------------------|--------------------|---------------|---------------|--------------------|
| | | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio-CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
| Apartments Low Rise | 52184.7 | 0.5628 | 4.8092 | 2.0465 | 0.0307 | | 0.3888 | 0.3888 | | 0.3888 | 0.3888 | | 6,139.3823 | 6,139.3823 | 0.1177 | 0.1126 | 6,175.8656 |
| Apartments Mid Rise | 82391.5 | 0.8885 | 7.5929 | 3.2310 | 0.0485 | | 0.6139 | 0.6139 | | 0.6139 | 0.6139 | | 9,693.1148 | 9,693.1148 | 0.1858 | 0.1777 | 9,750.7161 |
| 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 |
| Condo/Townhouse | 8445.72 | 0.0911 | 0.7783 | 0.3312 | 4.9700e-003 | | 0.0629 | 0.0629 | | 0.0629 | 0.0629 | | 993.6140 | 993.6140 | 0.0190 | 0.0182 | 999.5186 |
| Racquet Club | 6180.9 | 0.0667 | 0.6060 | 0.5090 | 3.6400e-003 | | 0.0461 | 0.0461 | | 0.0461 | 0.0461 | | 727.1652 | 727.1652 | 0.0139 | 0.0133 | 731.4864 |
| Regional Shopping Center | 3623.53 | 0.0391 | 0.3553 | 0.2984 | 2.1300e-003 | | 0.0270 | 0.0270 | | 0.0270 | 0.0270 | | 426.2976 | 426.2976 | 8.1700e-003 | 7.8200e-003 | 428.8309 |
| Total | | 1.6481 | 14.1417 | 6.4161 | 0.0899 | | 1.1387 | 1.1387 | | 1.1387 | 1.1387 | | 17,979.5739 | 17,979.5739 | 0.3446 | 0.3296 | 18,086.4175 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

5.2 Energy by Land Use - Natural Gas

Mitigated

| Land Use | Natural Gas Use kBTU/yr | lb/day | | | | | | | | | | lb/day | | | | | |
|--------------------------|----------------------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|--------------------|--------------------|---------------|---------------|--------------------|
| | | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
| Apartments Low Rise | 52.1847 | 0.5628 | 4.8092 | 2.0465 | 0.0307 | | 0.3888 | 0.3888 | | 0.3888 | 0.3888 | | 6,139.3823 | 6,139.3823 | 0.1177 | 0.1126 | 6,175.8656 |
| Apartments Mid Rise | 82.3915 | 0.8885 | 7.5929 | 3.2310 | 0.0485 | | 0.6139 | 0.6139 | | 0.6139 | 0.6139 | | 9,693.1148 | 9,693.1148 | 0.1858 | 0.1777 | 9,750.7161 |
| 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 |
| Condo/Townhouse | 8.44572 | 0.0911 | 0.7783 | 0.3312 | 4.9700e-003 | | 0.0629 | 0.0629 | | 0.0629 | 0.0629 | | 993.6140 | 993.6140 | 0.0190 | 0.0182 | 999.5186 |
| Racquet Club | 6.1809 | 0.0667 | 0.6060 | 0.5090 | 3.6400e-003 | | 0.0461 | 0.0461 | | 0.0461 | 0.0461 | | 727.1652 | 727.1652 | 0.0139 | 0.0133 | 731.4864 |
| Regional Shopping Center | 3.62353 | 0.0391 | 0.3553 | 0.2984 | 2.1300e-003 | | 0.0270 | 0.0270 | | 0.0270 | 0.0270 | | 426.2976 | 426.2976 | 8.1700e-003 | 7.8200e-003 | 428.8309 |
| Total | | 1.6481 | 14.1417 | 6.4161 | 0.0899 | | 1.1387 | 1.1387 | | 1.1387 | 1.1387 | | 17,979.5739 | 17,979.5739 | 0.3446 | 0.3296 | 18,086.4175 |

6.0 Area Detail

6.1 Mitigation Measures Area

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

| Category | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|----------|--------|----------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|----------|
| lb/day | | | | | | | | | | | | | | | | |
| Mitigated | 141.2369 | 4.6479 | 402.8745 | 0.0214 | | 2.2420 | 2.2420 | | 2.2420 | 2.2420 | 0.0000 | 727.9909 | 727.9909 | 0.6931 | 0.0000 | 745.3194 |
| Unmitigated | 141.2369 | 4.6479 | 402.8745 | 0.0214 | | 2.2420 | 2.2420 | | 2.2420 | 2.2420 | 0.0000 | 727.9909 | 727.9909 | 0.6931 | 0.0000 | 745.3194 |

6.2 Area by SubCategory

Unmitigated

| SubCategory | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|---------------|-----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| lb/day | | | | | | | | | | | | | | | | |
| Architectural Coating | 17.5800 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 111.6086 | | | | | 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 | 12.0482 | 4.6479 | 402.8745 | 0.0214 | | 2.2420 | 2.2420 | | 2.2420 | 2.2420 | | 727.9909 | 727.9909 | 0.6931 | | 745.3194 |
| Total | 141.2369 | 4.6479 | 402.8745 | 0.0214 | | 2.2420 | 2.2420 | | 2.2420 | 2.2420 | 0.0000 | 727.9909 | 727.9909 | 0.6931 | 0.0000 | 745.3194 |

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

6.2 Area by SubCategory

Mitigated

| SubCategory | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|-----------------|---------------|-----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| | lb/day | | | | | | | | | | | | | | | |
| Architectural Coating | 17.5800 | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 111.6086 | | | | | 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 | 0.0000 |
| Landscaping | 12.0482 | 4.6479 | 402.8745 | 0.0214 | | 2.2420 | 2.2420 | | 2.2420 | 2.2420 | | 727.9909 | 727.9909 | 0.6931 | | 745.3194 |
| Total | 141.2369 | 4.6479 | 402.8745 | 0.0214 | | 2.2420 | 2.2420 | | 2.2420 | 2.2420 | 0.0000 | 727.9909 | 727.9909 | 0.6931 | 0.0000 | 745.3194 |

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

West Broadway Future_VMT Adj_incl Project Features - Sacramento County, Summer

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

User Defined Equipment

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

11.0 Vegetation

West Broadway GHG Existing Conditions Op. - Sacramento County, Annual

**West Broadway GHG Existing Conditions Op.
Sacramento County, Annual**

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|------------------------|----------|---------------|-------------|--------------------|------------|
| Elementary School | 99.50 | 1000sqft | 2.28 | 99,500.00 | 0 |
| General Light Industry | 26.05 | 1000sqft | 0.60 | 26,045.00 | 0 |
| General Light Industry | 413.95 | 1000sqft | 9.50 | 413,950.00 | 0 |
| City Park | 62.70 | Acre | 62.70 | 2,731,212.00 | 0 |
| Racquet Club | 5.00 | 1000sqft | 0.11 | 5,000.00 | 0 |
| Racquet Club | 20.80 | 1000sqft | 0.48 | 20,800.00 | 0 |
| Apartments Low Rise | 1,113.00 | Dwelling Unit | 69.56 | 1,113,000.00 | 2972 |

1.2 Other Project Characteristics

| | | | | | |
|--------------------------------|---------------------------------------|--------------------------------|-------|----------------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 3.5 | Precipitation Freq (Days) | 58 |
| Climate Zone | 6 | | | Operational Year | 2020 |
| Utility Company | Sacramento Municipal Utility District | | | | |
| CO2 Intensity (lb/MWhr) | 383.6 | CH4 Intensity (lb/MWhr) | 0.029 | N2O Intensity (lb/MWhr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

Project Characteristics - Baseline CO2 intensity factor (SMUD 2017 emissions rate) from Climate Registry 2019 Default Emissions (<https://www.theclimateregistry.org/wp-content/uploads/2019/05/The-Climate-Registry-2019-Default-Emission-Factor-Documents.pdf>)

Land Use - Based on existing conditions land uses in Project Description (Table 2.2)

Construction Phase - Based on existing land uses in Project Description (Table 2.2)

Vehicle Trips - Adjusted to match Existing Conditions VMT of Specific Plan Area in Transportation Section of the WBSP EIR

Energy Use - Using historical data to model existing energy efficiency of buildings in Specific Plan Area.

| Table Name | Column Name | Default Value | New Value |
|---------------------------|--------------------|---------------|-----------|
| tblEnergyUse | LightingElect | 3.82 | 3.10 |
| tblEnergyUse | LightingElect | 5.65 | 4.57 |
| tblEnergyUse | LightingElect | 5.65 | 4.57 |
| tblEnergyUse | NT24E | 2,631.74 | 3,172.76 |
| tblEnergyUse | NT24NG | 2,498.00 | 2,687.00 |
| tblEnergyUse | T24E | 433.59 | 511.12 |
| tblEnergyUse | T24E | 2.74 | 2.05 |
| tblEnergyUse | T24E | 4.47 | 3.41 |
| tblEnergyUse | T24E | 4.47 | 3.41 |
| tblEnergyUse | T24NG | 11,901.14 | 9,411.72 |
| tblEnergyUse | T24NG | 17.38 | 14.60 |
| tblEnergyUse | T24NG | 26.20 | 23.39 |
| tblEnergyUse | T24NG | 26.20 | 23.39 |
| tblLandUse | LandUseSquareFeet | 26,050.00 | 26,045.00 |
| tblProjectCharacteristics | CO2IntensityFactor | 590.31 | 383.6 |
| tblVehicleTrips | CW_TL | 10.00 | 10.15 |
| tblVehicleTrips | HW_TL | 10.00 | 6.98 |

2.0 Emissions Summary

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

2.1 Overall Construction

Unmitigated Construction

West Broadway AQ Existing Conditions Op. - Sacramento 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 | | | | | |
| 2019 | 0.2091 | 2.0958 | 1.3174 | 2.3400e-003 | 6.4400e-003 | 0.1051 | 0.1115 | 1.7100e-003 | 0.0977 | 0.0994 | 0.0000 | 208.4553 | 208.4553 | 0.0565 | 0.0000 | 209.8687 |
| 2020 | 0.5219 | 5.4095 | 3.1998 | 5.8900e-003 | 1.6894 | 0.2649 | 1.9543 | 0.7423 | 0.2444 | 0.9867 | 0.0000 | 517.3251 | 517.3251 | 0.1571 | 0.0000 | 521.2528 |
| 2021 | 0.5924 | 6.2778 | 4.3884 | 9.6600e-003 | 1.2847 | 0.2556 | 1.5403 | 0.4916 | 0.2353 | 0.7269 | 0.0000 | 857.2903 | 857.2903 | 0.2306 | 0.0000 | 863.0559 |
| 2022 | 1.3915 | 10.9294 | 10.8963 | 0.0433 | 2.5879 | 0.1406 | 2.7286 | 0.6998 | 0.1324 | 0.8322 | 0.0000 | 4,016.0866 | 4,016.0866 | 0.2260 | 0.0000 | 4,021.7357 |
| 2023 | 1.2629 | 9.4230 | 10.0924 | 0.0422 | 2.5879 | 0.1149 | 2.7028 | 0.6998 | 0.1080 | 0.8078 | 0.0000 | 3,914.6857 | 3,914.6857 | 0.2096 | 0.0000 | 3,919.9262 |
| 2024 | 1.1982 | 9.1866 | 9.5823 | 0.0416 | 2.6077 | 0.1037 | 2.7114 | 0.7052 | 0.0974 | 0.8026 | 0.0000 | 3,868.4825 | 3,868.4825 | 0.2059 | 0.0000 | 3,873.6291 |
| 2025 | 1.1272 | 8.8526 | 9.0236 | 0.0406 | 2.5977 | 0.0913 | 2.6891 | 0.7025 | 0.0858 | 0.7883 | 0.0000 | 3,778.7601 | 3,778.7601 | 0.2003 | 0.0000 | 3,783.7677 |
| 2026 | 1.0804 | 8.6934 | 8.5841 | 0.0399 | 2.5977 | 0.0905 | 2.6882 | 0.7025 | 0.0850 | 0.7874 | 0.0000 | 3,711.2504 | 3,711.2504 | 0.1965 | 0.0000 | 3,716.1622 |
| 2027 | 1.0353 | 8.5479 | 8.1898 | 0.0392 | 2.5977 | 0.0894 | 2.6871 | 0.7024 | 0.0840 | 0.7864 | 0.0000 | 3,650.3435 | 3,650.3435 | 0.1929 | 0.0000 | 3,655.1666 |
| 2028 | 0.9857 | 8.3905 | 7.8147 | 0.0385 | 2.5877 | 0.0879 | 2.6755 | 0.6997 | 0.0825 | 0.7823 | 0.0000 | 3,582.8363 | 3,582.8363 | 0.1890 | 0.0000 | 3,587.5609 |
| 2029 | 0.9405 | 8.3042 | 7.5204 | 0.0381 | 2.5976 | 0.0870 | 2.6846 | 0.7024 | 0.0818 | 0.7842 | 0.0000 | 3,548.7985 | 3,548.7985 | 0.1866 | 0.0000 | 3,553.4635 |
| 2030 | 0.8858 | 7.6023 | 7.2416 | 0.0381 | 2.5976 | 0.0364 | 2.6340 | 0.7024 | 0.0353 | 0.7377 | 0.0000 | 3,546.9616 | 3,546.9616 | 0.1263 | 0.0000 | 3,550.1189 |
| 2031 | 0.8369 | 7.5016 | 6.9718 | 0.0377 | 2.5976 | 0.0354 | 2.6329 | 0.7024 | 0.0343 | 0.7367 | 0.0000 | 3,510.1118 | 3,510.1118 | 0.1236 | 0.0000 | 3,513.2026 |
| 2032 | 0.7964 | 7.4380 | 6.7628 | 0.0375 | 2.6075 | 0.0346 | 2.6421 | 0.7051 | 0.0336 | 0.7387 | 0.0000 | 3,491.6675 | 3,491.6675 | 0.1218 | 0.0000 | 3,494.7118 |
| 2033 | 0.6670 | 6.3205 | 5.8322 | 0.0318 | 2.1917 | 0.0350 | 2.2267 | 0.5926 | 0.0342 | 0.6268 | 0.0000 | 2,958.2882 | 2,958.2882 | 0.1029 | 0.0000 | 2,960.8596 |
| 2034 | 3.6424 | 0.6884 | 1.6921 | 3.5200e-003 | 0.1383 | 0.0311 | 0.1694 | 0.0368 | 0.0310 | 0.0678 | 0.0000 | 306.6326 | 306.6326 | 0.0115 | 0.0000 | 306.9202 |
| 2035 | 6.1490 | 0.0735 | 0.4250 | 1.6100e-003 | 0.2247 | 1.4500e-003 | 0.2261 | 0.0598 | 1.3900e-003 | 0.0611 | 0.0000 | 145.2264 | 145.2264 | 2.0600e-003 | 0.0000 | 145.2778 |
| Maximum | 6.1490 | 10.9294 | 10.8963 | 0.0433 | 2.6077 | 0.2649 | 2.7286 | 0.7423 | 0.2444 | 0.9867 | 0.0000 | 4,016.0866 | 4,016.0866 | 0.2306 | 0.0000 | 4,021.7357 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

2.1 Overall Construction

Mitigated Construction

West Broadway AQ Existing Conditions Op. - Sacramento 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 | | | | | |
| 2019 | 0.2091 | 2.0958 | 1.3174 | 2.3400e-003 | 6.4400e-003 | 0.1051 | 0.1115 | 1.7100e-003 | 0.0977 | 0.0994 | 0.0000 | 208.4551 | 208.4551 | 0.0565 | 0.0000 | 209.8685 |
| 2020 | 0.5219 | 5.4095 | 3.1998 | 5.8900e-003 | 1.6894 | 0.2649 | 1.9543 | 0.7423 | 0.2444 | 0.9867 | 0.0000 | 517.3245 | 517.3245 | 0.1571 | 0.0000 | 521.2522 |
| 2021 | 0.5924 | 6.2778 | 4.3884 | 9.6600e-003 | 1.2847 | 0.2556 | 1.5403 | 0.4916 | 0.2353 | 0.7269 | 0.0000 | 857.2895 | 857.2895 | 0.2306 | 0.0000 | 863.0550 |
| 2022 | 1.3915 | 10.9294 | 10.8963 | 0.0433 | 2.5879 | 0.1406 | 2.7286 | 0.6998 | 0.1324 | 0.8322 | 0.0000 | 4,016.0863 | 4,016.0863 | 0.2260 | 0.0000 | 4,021.7354 |
| 2023 | 1.2629 | 9.4230 | 10.0924 | 0.0422 | 2.5879 | 0.1149 | 2.7028 | 0.6998 | 0.1080 | 0.8078 | 0.0000 | 3,914.6853 | 3,914.6853 | 0.2096 | 0.0000 | 3,919.9259 |
| 2024 | 1.1982 | 9.1866 | 9.5823 | 0.0416 | 2.6077 | 0.1037 | 2.7114 | 0.7052 | 0.0974 | 0.8026 | 0.0000 | 3,868.4821 | 3,868.4821 | 0.2059 | 0.0000 | 3,873.6287 |
| 2025 | 1.1272 | 8.8526 | 9.0236 | 0.0406 | 2.5977 | 0.0913 | 2.6891 | 0.7025 | 0.0858 | 0.7883 | 0.0000 | 3,778.7597 | 3,778.7597 | 0.2003 | 0.0000 | 3,783.7674 |
| 2026 | 1.0804 | 8.6934 | 8.5841 | 0.0399 | 2.5977 | 0.0905 | 2.6882 | 0.7025 | 0.0850 | 0.7874 | 0.0000 | 3,711.2501 | 3,711.2501 | 0.1965 | 0.0000 | 3,716.1618 |
| 2027 | 1.0353 | 8.5479 | 8.1898 | 0.0392 | 2.5977 | 0.0894 | 2.6871 | 0.7024 | 0.0840 | 0.7864 | 0.0000 | 3,650.3431 | 3,650.3431 | 0.1929 | 0.0000 | 3,655.1663 |
| 2028 | 0.9857 | 8.3905 | 7.8147 | 0.0385 | 2.5877 | 0.0879 | 2.6755 | 0.6997 | 0.0825 | 0.7823 | 0.0000 | 3,582.8360 | 3,582.8360 | 0.1890 | 0.0000 | 3,587.5605 |
| 2029 | 0.9405 | 8.3042 | 7.5204 | 0.0381 | 2.5976 | 0.0870 | 2.6846 | 0.7024 | 0.0818 | 0.7842 | 0.0000 | 3,548.7982 | 3,548.7982 | 0.1866 | 0.0000 | 3,553.4632 |
| 2030 | 0.8858 | 7.6023 | 7.2416 | 0.0381 | 2.5976 | 0.0364 | 2.6340 | 0.7024 | 0.0353 | 0.7377 | 0.0000 | 3,546.9612 | 3,546.9612 | 0.1263 | 0.0000 | 3,550.1185 |
| 2031 | 0.8369 | 7.5016 | 6.9718 | 0.0377 | 2.5976 | 0.0354 | 2.6329 | 0.7024 | 0.0343 | 0.7367 | 0.0000 | 3,510.1114 | 3,510.1114 | 0.1236 | 0.0000 | 3,513.2022 |
| 2032 | 0.7964 | 7.4380 | 6.7628 | 0.0375 | 2.6075 | 0.0346 | 2.6421 | 0.7051 | 0.0336 | 0.7387 | 0.0000 | 3,491.6671 | 3,491.6671 | 0.1218 | 0.0000 | 3,494.7114 |
| 2033 | 0.6670 | 6.3205 | 5.8322 | 0.0318 | 2.1917 | 0.0350 | 2.2267 | 0.5926 | 0.0342 | 0.6268 | 0.0000 | 2,958.2878 | 2,958.2878 | 0.1029 | 0.0000 | 2,960.8592 |
| 2034 | 3.6424 | 0.6884 | 1.6921 | 3.5200e-003 | 0.1383 | 0.0311 | 0.1694 | 0.0368 | 0.0310 | 0.0678 | 0.0000 | 306.6323 | 306.6323 | 0.0115 | 0.0000 | 306.9199 |
| 2035 | 6.1490 | 0.0735 | 0.4250 | 1.6100e-003 | 0.2247 | 1.4500e-003 | 0.2261 | 0.0598 | 1.3900e-003 | 0.0611 | 0.0000 | 145.2264 | 145.2264 | 2.0600e-003 | 0.0000 | 145.2778 |
| Maximum | 6.1490 | 10.9294 | 10.8963 | 0.0433 | 2.6077 | 0.2649 | 2.7286 | 0.7423 | 0.2444 | 0.9867 | 0.0000 | 4,016.0863 | 4,016.0863 | 0.2306 | 0.0000 | 4,021.7354 |

West Broadway AQ Existing Conditions Op. - Sacramento 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 |
|-------------------|------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|------|------|------|
| Percent Reduction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 7-22-2019 | 10-21-2019 | 1.2948 | 1.2948 |
| 2 | 10-22-2019 | 1-21-2020 | 1.2739 | 1.2739 |
| 3 | 1-22-2020 | 4-21-2020 | 1.1900 | 1.1900 |
| 4 | 4-22-2020 | 7-21-2020 | 1.5042 | 1.5042 |
| 5 | 7-22-2020 | 10-21-2020 | 1.5666 | 1.5666 |
| 6 | 10-22-2020 | 1-21-2021 | 1.7695 | 1.7695 |
| 7 | 1-22-2021 | 4-21-2021 | 1.6301 | 1.6301 |
| 8 | 4-22-2021 | 7-21-2021 | 1.6481 | 1.6481 |
| 9 | 7-22-2021 | 10-21-2021 | 1.6663 | 1.6663 |
| 10 | 10-22-2021 | 1-21-2022 | 2.2621 | 2.2621 |
| 11 | 1-22-2022 | 4-21-2022 | 3.0660 | 3.0660 |
| 12 | 4-22-2022 | 7-21-2022 | 3.0664 | 3.0664 |
| 13 | 7-22-2022 | 10-21-2022 | 3.1102 | 3.1102 |
| 14 | 10-22-2022 | 1-21-2023 | 3.0493 | 3.0493 |
| 15 | 1-22-2023 | 4-21-2023 | 2.6614 | 2.6614 |
| 16 | 4-22-2023 | 7-21-2023 | 2.6684 | 2.6684 |
| 17 | 7-22-2023 | 10-21-2023 | 2.7045 | 2.7045 |
| 18 | 10-22-2023 | 1-21-2024 | 2.7050 | 2.7050 |
| 19 | 1-22-2024 | 4-21-2024 | 2.5943 | 2.5943 |
| 20 | 4-22-2024 | 7-21-2024 | 2.5732 | 2.5732 |
| 21 | 7-22-2024 | 10-21-2024 | 2.6078 | 2.6078 |
| 22 | 10-22-2024 | 1-21-2025 | 2.6077 | 2.6077 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

| | | | | |
|----|------------|------------|--------|--------|
| 23 | 1-22-2025 | 4-21-2025 | 2.4743 | 2.4743 |
| 24 | 4-22-2025 | 7-21-2025 | 2.4823 | 2.4823 |
| 25 | 7-22-2025 | 10-21-2025 | 2.5154 | 2.5154 |
| 26 | 10-22-2025 | 1-21-2026 | 2.5232 | 2.5232 |
| 27 | 1-22-2026 | 4-21-2026 | 2.4225 | 2.4225 |
| 28 | 4-22-2026 | 7-21-2026 | 2.4310 | 2.4310 |
| 29 | 7-22-2026 | 10-21-2026 | 2.4632 | 2.4632 |
| 30 | 10-22-2026 | 1-21-2027 | 2.4707 | 2.4707 |
| 31 | 1-22-2027 | 4-21-2027 | 2.3745 | 2.3745 |
| 32 | 4-22-2027 | 7-21-2027 | 2.3834 | 2.3834 |
| 33 | 7-22-2027 | 10-21-2027 | 2.4148 | 2.4148 |
| 34 | 10-22-2027 | 1-21-2028 | 2.4225 | 2.4225 |
| 35 | 1-22-2028 | 4-21-2028 | 2.3573 | 2.3573 |
| 36 | 4-22-2028 | 7-21-2028 | 2.3405 | 2.3405 |
| 37 | 7-22-2028 | 10-21-2028 | 2.3713 | 2.3713 |
| 38 | 10-22-2028 | 1-21-2029 | 2.3783 | 2.3783 |
| 39 | 1-22-2029 | 4-21-2029 | 2.2889 | 2.2889 |
| 40 | 4-22-2029 | 7-21-2029 | 2.2983 | 2.2983 |
| 41 | 7-22-2029 | 10-21-2029 | 2.3284 | 2.3284 |
| 42 | 10-22-2029 | 1-21-2030 | 2.3009 | 2.3009 |
| 43 | 1-22-2030 | 4-21-2030 | 2.1014 | 2.1014 |
| 44 | 4-22-2030 | 7-21-2030 | 2.1094 | 2.1094 |
| 45 | 7-22-2030 | 10-21-2030 | 2.1372 | 2.1372 |
| 46 | 10-22-2030 | 1-21-2031 | 2.1439 | 2.1439 |
| 47 | 1-22-2031 | 4-21-2031 | 2.0633 | 2.0633 |
| 48 | 4-22-2031 | 7-21-2031 | 2.0714 | 2.0714 |
| 49 | 7-22-2031 | 10-21-2031 | 2.0987 | 2.0987 |

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| | | | | |
|----|------------|------------|--------|--------|
| 50 | 10-22-2031 | 1-21-2032 | 2.1057 | 2.1057 |
| 51 | 1-22-2032 | 4-21-2032 | 2.0515 | 2.0515 |
| 52 | 4-22-2032 | 7-21-2032 | 2.0370 | 2.0370 |
| 53 | 7-22-2032 | 10-21-2032 | 2.0637 | 2.0637 |
| 54 | 10-22-2032 | 1-21-2033 | 2.0716 | 2.0716 |
| 55 | 1-22-2033 | 4-21-2033 | 1.9995 | 1.9995 |
| 56 | 4-22-2033 | 7-21-2033 | 2.0075 | 2.0075 |
| 57 | 7-22-2033 | 10-21-2033 | 2.0339 | 2.0339 |
| 58 | 10-22-2033 | 1-21-2034 | 0.5497 | 0.5497 |
| 59 | 1-22-2034 | 4-21-2034 | 0.2745 | 0.2745 |
| 60 | 4-22-2034 | 7-21-2034 | 0.2775 | 0.2775 |
| 61 | 7-22-2034 | 10-21-2034 | 1.5183 | 1.5183 |
| 62 | 10-22-2034 | 1-21-2035 | 2.9279 | 2.9279 |
| 63 | 1-22-2035 | 4-21-2035 | 2.8598 | 2.8598 |
| 64 | 4-22-2035 | 7-21-2035 | 2.6367 | 2.6367 |
| | | Highest | 3.1102 | 3.1102 |

West Broadway AQ Existing Conditions Op. - Sacramento 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 | 7.8901 | 0.1333 | 11.5242 | 6.1000e-004 | | 0.0634 | 0.0634 | | 0.0634 | 0.0634 | 0.0000 | 18.7647 | 18.7647 | 0.0183 | 0.0000 | 19.2228 |
| Energy | 0.1707 | 1.5126 | 1.0134 | 9.3100e-003 | | 0.1180 | 0.1180 | | 0.1180 | 0.1180 | 0.0000 | 3,917.1142 | 3,917.1142 | 0.2008 | 0.0658 | 3,941.7472 |
| Mobile | 3.7870 | 15.7104 | 42.3513 | 0.1175 | 9.5403 | 0.1283 | 9.6686 | 2.5588 | 0.1206 | 2.6794 | 0.0000 | 10,785.7237 | 10,785.7237 | 0.5683 | 0.0000 | 10,799.9320 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 271.8820 | 0.0000 | 271.8820 | 16.0678 | 0.0000 | 673.5762 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 63.2164 | 233.3311 | 296.5475 | 0.2352 | 0.1411 | 344.4832 |
| Total | 11.8479 | 17.3562 | 54.8889 | 0.1274 | 9.5403 | 0.3096 | 9.8499 | 2.5588 | 0.3019 | 2.8607 | 335.0984 | 14,954.9336 | 15,290.0321 | 17.0904 | 0.2069 | 15,778.9614 |

West Broadway AQ Existing Conditions Op. - Sacramento 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 | 7.8901 | 0.1333 | 11.5242 | 6.1000e-004 | | 0.0634 | 0.0634 | | 0.0634 | 0.0634 | 0.0000 | 18.7647 | 18.7647 | 0.0183 | 0.0000 | 19.2228 |
| Energy | 0.1707 | 1.5126 | 1.0134 | 9.3100e-003 | | 0.1180 | 0.1180 | | 0.1180 | 0.1180 | 0.0000 | 3,917.1142 | 3,917.1142 | 0.2008 | 0.0658 | 3,941.7472 |
| Mobile | 3.7870 | 15.7104 | 42.3513 | 0.1175 | 9.5403 | 0.1283 | 9.6686 | 2.5588 | 0.1206 | 2.6794 | 0.0000 | 10,785.7237 | 10,785.7237 | 0.5683 | 0.0000 | 10,799.9320 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 271.8820 | 0.0000 | 271.8820 | 16.0678 | 0.0000 | 673.5762 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 63.2164 | 233.3311 | 296.5475 | 0.2352 | 0.1411 | 344.4832 |
| Total | 11.8479 | 17.3562 | 54.8889 | 0.1274 | 9.5403 | 0.3096 | 9.8499 | 2.5588 | 0.3019 | 2.8607 | 335.0984 | 14,954.9336 | 15,290.0321 | 17.0904 | 0.2069 | 15,778.9614 |

| | ROG | NOx | CO | SO2 | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.0 Construction Detail

Construction Phase

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1 | Demolition | Demolition | 7/22/2019 | 4/24/2020 | 5 | 200 | |
| 2 | Site Preparation | Site Preparation | 4/25/2020 | 10/9/2020 | 5 | 120 | |
| 3 | Grading | Grading | 10/10/2020 | 12/17/2021 | 5 | 310 | |
| 4 | Building Construction | Building Construction | 12/18/2021 | 11/4/2033 | 5 | 3100 | |
| 5 | Paving | Paving | 11/5/2033 | 9/8/2034 | 5 | 220 | |
| 6 | Architectural Coating | Architectural Coating | 9/9/2034 | 7/13/2035 | 5 | 220 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 775

Acres of Paving: 0

Residential Indoor: 2,253,825; Residential Outdoor: 751,275; Non-Residential Indoor: 847,943; Non-Residential Outdoor: 282,648; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Demolition | Excavators | 3 | 8.00 | 158 | 0.38 |
| Demolition | Rubber Tired Dozers | 2 | 8.00 | 247 | 0.40 |
| 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

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

| 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 |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition | 6 | 15.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 2,186.00 | 659.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 437.00 | 0.00 | 0.00 | 10.00 | 6.50 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

3.2 Demolition - 2019

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2055 | 2.0933 | 1.2905 | 2.2700e-003 | | 0.1050 | 0.1050 | | 0.0977 | 0.0977 | 0.0000 | 202.5640 | 202.5640 | 0.0564 | 0.0000 | 203.9728 |
| Total | 0.2055 | 2.0933 | 1.2905 | 2.2700e-003 | | 0.1050 | 0.1050 | | 0.0977 | 0.0977 | 0.0000 | 202.5640 | 202.5640 | 0.0564 | 0.0000 | 203.9728 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

3.2 Demolition - 2019

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.5500e-003 | 2.4900e-003 | 0.0269 | 7.0000e-005 | 6.4400e-003 | 5.0000e-005 | 6.4900e-003 | 1.7100e-003 | 4.0000e-005 | 1.7600e-003 | 0.0000 | 5.8913 | 5.8913 | 1.8000e-004 | 0.0000 | 5.8959 |
| Total | 3.5500e-003 | 2.4900e-003 | 0.0269 | 7.0000e-005 | 6.4400e-003 | 5.0000e-005 | 6.4900e-003 | 1.7100e-003 | 4.0000e-005 | 1.7600e-003 | 0.0000 | 5.8913 | 5.8913 | 1.8000e-004 | 0.0000 | 5.8959 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.2055 | 2.0933 | 1.2905 | 2.2700e-003 | | 0.1050 | 0.1050 | | 0.0977 | 0.0977 | 0.0000 | 202.5638 | 202.5638 | 0.0564 | 0.0000 | 203.9726 |
| Total | 0.2055 | 2.0933 | 1.2905 | 2.2700e-003 | | 0.1050 | 0.1050 | | 0.0977 | 0.0977 | 0.0000 | 202.5638 | 202.5638 | 0.0564 | 0.0000 | 203.9726 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

3.2 Demolition - 2019

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.5500e-003 | 2.4900e-003 | 0.0269 | 7.0000e-005 | 6.4400e-003 | 5.0000e-005 | 6.4900e-003 | 1.7100e-003 | 4.0000e-005 | 1.7600e-003 | 0.0000 | 5.8913 | 5.8913 | 1.8000e-004 | 0.0000 | 5.8959 |
| Total | 3.5500e-003 | 2.4900e-003 | 0.0269 | 7.0000e-005 | 6.4400e-003 | 5.0000e-005 | 6.4900e-003 | 1.7100e-003 | 4.0000e-005 | 1.7600e-003 | 0.0000 | 5.8913 | 5.8913 | 1.8000e-004 | 0.0000 | 5.8959 |

3.2 Demolition - 2020

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1375 | 1.3778 | 0.9028 | 1.6100e-003 | | 0.0688 | 0.0688 | | 0.0640 | 0.0640 | 0.0000 | 141.0942 | 141.0942 | 0.0398 | 0.0000 | 142.0900 |
| Total | 0.1375 | 1.3778 | 0.9028 | 1.6100e-003 | | 0.0688 | 0.0688 | | 0.0640 | 0.0640 | 0.0000 | 141.0942 | 141.0942 | 0.0398 | 0.0000 | 142.0900 |

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3.2 Demolition - 2020

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.3200e-003 | 1.5700e-003 | 0.0172 | 4.0000e-005 | 4.5700e-003 | 3.0000e-005 | 4.6000e-003 | 1.2200e-003 | 3.0000e-005 | 1.2500e-003 | 0.0000 | 4.0508 | 4.0508 | 1.1000e-004 | 0.0000 | 4.0537 |
| Total | 2.3200e-003 | 1.5700e-003 | 0.0172 | 4.0000e-005 | 4.5700e-003 | 3.0000e-005 | 4.6000e-003 | 1.2200e-003 | 3.0000e-005 | 1.2500e-003 | 0.0000 | 4.0508 | 4.0508 | 1.1000e-004 | 0.0000 | 4.0537 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1375 | 1.3778 | 0.9028 | 1.6100e-003 | | 0.0688 | 0.0688 | | 0.0640 | 0.0640 | 0.0000 | 141.0941 | 141.0941 | 0.0398 | 0.0000 | 142.0898 |
| Total | 0.1375 | 1.3778 | 0.9028 | 1.6100e-003 | | 0.0688 | 0.0688 | | 0.0640 | 0.0640 | 0.0000 | 141.0941 | 141.0941 | 0.0398 | 0.0000 | 142.0898 |

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3.2 Demolition - 2020

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.3200e-003 | 1.5700e-003 | 0.0172 | 4.0000e-005 | 4.5700e-003 | 3.0000e-005 | 4.6000e-003 | 1.2200e-003 | 3.0000e-005 | 1.2500e-003 | 0.0000 | 4.0508 | 4.0508 | 1.1000e-004 | 0.0000 | 4.0537 |
| Total | 2.3200e-003 | 1.5700e-003 | 0.0172 | 4.0000e-005 | 4.5700e-003 | 3.0000e-005 | 4.6000e-003 | 1.2200e-003 | 3.0000e-005 | 1.2500e-003 | 0.0000 | 4.0508 | 4.0508 | 1.1000e-004 | 0.0000 | 4.0537 |

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 1.0840 | 0.0000 | 1.0840 | 0.5958 | 0.0000 | 0.5958 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.2446 | 2.5450 | 1.2908 | 2.2800e-003 | | 0.1318 | 0.1318 | | 0.1213 | 0.1213 | 0.0000 | 200.5841 | 200.5841 | 0.0649 | 0.0000 | 202.2059 |
| Total | 0.2446 | 2.5450 | 1.2908 | 2.2800e-003 | 1.0840 | 0.1318 | 1.2158 | 0.5958 | 0.1213 | 0.7171 | 0.0000 | 200.5841 | 200.5841 | 0.0649 | 0.0000 | 202.2059 |

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3.3 Site Preparation - 2020

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 4.0200e-003 | 2.7300e-003 | 0.0299 | 8.0000e-005 | 7.9300e-003 | 6.0000e-005 | 7.9900e-003 | 2.1100e-003 | 5.0000e-005 | 2.1600e-003 | 0.0000 | 7.0280 | 7.0280 | 2.0000e-004 | 0.0000 | 7.0329 |
| Total | 4.0200e-003 | 2.7300e-003 | 0.0299 | 8.0000e-005 | 7.9300e-003 | 6.0000e-005 | 7.9900e-003 | 2.1100e-003 | 5.0000e-005 | 2.1600e-003 | 0.0000 | 7.0280 | 7.0280 | 2.0000e-004 | 0.0000 | 7.0329 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 1.0840 | 0.0000 | 1.0840 | 0.5958 | 0.0000 | 0.5958 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.2446 | 2.5450 | 1.2908 | 2.2800e-003 | | 0.1318 | 0.1318 | | 0.1213 | 0.1213 | 0.0000 | 200.5838 | 200.5838 | 0.0649 | 0.0000 | 202.2057 |
| Total | 0.2446 | 2.5450 | 1.2908 | 2.2800e-003 | 1.0840 | 0.1318 | 1.2158 | 0.5958 | 0.1213 | 0.7171 | 0.0000 | 200.5838 | 200.5838 | 0.0649 | 0.0000 | 202.2057 |

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3.3 Site Preparation - 2020

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 4.0200e-003 | 2.7300e-003 | 0.0299 | 8.0000e-005 | 7.9300e-003 | 6.0000e-005 | 7.9900e-003 | 2.1100e-003 | 5.0000e-005 | 2.1600e-003 | 0.0000 | 7.0280 | 7.0280 | 2.0000e-004 | 0.0000 | 7.0329 |
| Total | 4.0200e-003 | 2.7300e-003 | 0.0299 | 8.0000e-005 | 7.9300e-003 | 6.0000e-005 | 7.9900e-003 | 2.1100e-003 | 5.0000e-005 | 2.1600e-003 | 0.0000 | 7.0280 | 7.0280 | 2.0000e-004 | 0.0000 | 7.0329 |

3.4 Grading - 2020

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 0.5886 | 0.0000 | 0.5886 | 0.1420 | 0.0000 | 0.1420 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.1313 | 1.4808 | 0.9428 | 1.8300e-003 | | 0.0641 | 0.0641 | | 0.0590 | 0.0590 | 0.0000 | 160.7287 | 160.7287 | 0.0520 | 0.0000 | 162.0282 |
| Total | 0.1313 | 1.4808 | 0.9428 | 1.8300e-003 | 0.5886 | 0.0641 | 0.6527 | 0.1420 | 0.0590 | 0.2010 | 0.0000 | 160.7287 | 160.7287 | 0.0520 | 0.0000 | 162.0282 |

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3.4 Grading - 2020

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.2000e-003 | 1.4900e-003 | 0.0163 | 4.0000e-005 | 4.3300e-003 | 3.0000e-005 | 4.3600e-003 | 1.1500e-003 | 3.0000e-005 | 1.1800e-003 | 0.0000 | 3.8393 | 3.8393 | 1.1000e-004 | 0.0000 | 3.8421 |
| Total | 2.2000e-003 | 1.4900e-003 | 0.0163 | 4.0000e-005 | 4.3300e-003 | 3.0000e-005 | 4.3600e-003 | 1.1500e-003 | 3.0000e-005 | 1.1800e-003 | 0.0000 | 3.8393 | 3.8393 | 1.1000e-004 | 0.0000 | 3.8421 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 0.5886 | 0.0000 | 0.5886 | 0.1420 | 0.0000 | 0.1420 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.1313 | 1.4808 | 0.9428 | 1.8300e-003 | | 0.0641 | 0.0641 | | 0.0590 | 0.0590 | 0.0000 | 160.7285 | 160.7285 | 0.0520 | 0.0000 | 162.0281 |
| Total | 0.1313 | 1.4808 | 0.9428 | 1.8300e-003 | 0.5886 | 0.0641 | 0.6527 | 0.1420 | 0.0590 | 0.2010 | 0.0000 | 160.7285 | 160.7285 | 0.0520 | 0.0000 | 162.0281 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

3.4 Grading - 2020

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.2000e-003 | 1.4900e-003 | 0.0163 | 4.0000e-005 | 4.3300e-003 | 3.0000e-005 | 4.3600e-003 | 1.1500e-003 | 3.0000e-005 | 1.1800e-003 | 0.0000 | 3.8393 | 3.8393 | 1.1000e-004 | 0.0000 | 3.8421 |
| Total | 2.2000e-003 | 1.4900e-003 | 0.0163 | 4.0000e-005 | 4.3300e-003 | 3.0000e-005 | 4.3600e-003 | 1.1500e-003 | 3.0000e-005 | 1.1800e-003 | 0.0000 | 3.8393 | 3.8393 | 1.1000e-004 | 0.0000 | 3.8421 |

3.4 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 | | | | | 1.1667 | 0.0000 | 1.1667 | 0.4598 | 0.0000 | 0.4598 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5260 | 5.8232 | 3.8753 | 7.7800e-003 | | 0.2492 | 0.2492 | | 0.2292 | 0.2292 | 0.0000 | 683.9120 | 683.9120 | 0.2212 | 0.0000 | 689.4418 |
| Total | 0.5260 | 5.8232 | 3.8753 | 7.7800e-003 | 1.1667 | 0.2492 | 1.4159 | 0.4598 | 0.2292 | 0.6890 | 0.0000 | 683.9120 | 683.9120 | 0.2212 | 0.0000 | 689.4418 |

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3.4 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 | 8.6900e-003 | 5.6800e-003 | 0.0635 | 1.7000e-004 | 0.0184 | 1.3000e-004 | 0.0186 | 4.9000e-003 | 1.2000e-004 | 5.0200e-003 | 0.0000 | 15.7773 | 15.7773 | 4.1000e-004 | 0.0000 | 15.7877 |
| Total | 8.6900e-003 | 5.6800e-003 | 0.0635 | 1.7000e-004 | 0.0184 | 1.3000e-004 | 0.0186 | 4.9000e-003 | 1.2000e-004 | 5.0200e-003 | 0.0000 | 15.7773 | 15.7773 | 4.1000e-004 | 0.0000 | 15.7877 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 1.1667 | 0.0000 | 1.1667 | 0.4598 | 0.0000 | 0.4598 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.5260 | 5.8232 | 3.8752 | 7.7800e-003 | | 0.2492 | 0.2492 | | 0.2292 | 0.2292 | 0.0000 | 683.9112 | 683.9112 | 0.2212 | 0.0000 | 689.4410 |
| Total | 0.5260 | 5.8232 | 3.8752 | 7.7800e-003 | 1.1667 | 0.2492 | 1.4159 | 0.4598 | 0.2292 | 0.6890 | 0.0000 | 683.9112 | 683.9112 | 0.2212 | 0.0000 | 689.4410 |

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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 | 8.6900e-003 | 5.6800e-003 | 0.0635 | 1.7000e-004 | 0.0184 | 1.3000e-004 | 0.0186 | 4.9000e-003 | 1.2000e-004 | 5.0200e-003 | 0.0000 | 15.7773 | 15.7773 | 4.1000e-004 | 0.0000 | 15.7877 |
| Total | 8.6900e-003 | 5.6800e-003 | 0.0635 | 1.7000e-004 | 0.0184 | 1.3000e-004 | 0.0186 | 4.9000e-003 | 1.2000e-004 | 5.0200e-003 | 0.0000 | 15.7773 | 15.7773 | 4.1000e-004 | 0.0000 | 15.7877 |

3.5 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 | 9.5000e-003 | 0.0872 | 0.0829 | 1.3000e-004 | | 4.7900e-003 | 4.7900e-003 | | 4.5100e-003 | 4.5100e-003 | 0.0000 | 11.5819 | 11.5819 | 2.7900e-003 | 0.0000 | 11.6517 |
| Total | 9.5000e-003 | 0.0872 | 0.0829 | 1.3000e-004 | | 4.7900e-003 | 4.7900e-003 | | 4.5100e-003 | 4.5100e-003 | 0.0000 | 11.5819 | 11.5819 | 2.7900e-003 | 0.0000 | 11.6517 |

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3.5 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 | 0.0104 | 0.3371 | 0.0901 | 8.0000e-004 | 0.0193 | 9.3000e-004 | 0.0202 | 5.5700e-003 | 8.9000e-004 | 6.4600e-003 | 0.0000 | 77.3154 | 77.3154 | 4.4200e-003 | 0.0000 | 77.4259 |
| Worker | 0.0379 | 0.0247 | 0.2766 | 7.6000e-004 | 0.0803 | 5.6000e-004 | 0.0808 | 0.0214 | 5.2000e-004 | 0.0219 | 0.0000 | 68.7037 | 68.7037 | 1.8000e-003 | 0.0000 | 68.7488 |
| Total | 0.0482 | 0.3618 | 0.3667 | 1.5600e-003 | 0.0995 | 1.4900e-003 | 0.1010 | 0.0269 | 1.4100e-003 | 0.0283 | 0.0000 | 146.0191 | 146.0191 | 6.2200e-003 | 0.0000 | 146.1747 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 9.5000e-003 | 0.0872 | 0.0829 | 1.3000e-004 | | 4.7900e-003 | 4.7900e-003 | | 4.5100e-003 | 4.5100e-003 | 0.0000 | 11.5819 | 11.5819 | 2.7900e-003 | 0.0000 | 11.6517 |
| Total | 9.5000e-003 | 0.0872 | 0.0829 | 1.3000e-004 | | 4.7900e-003 | 4.7900e-003 | | 4.5100e-003 | 4.5100e-003 | 0.0000 | 11.5819 | 11.5819 | 2.7900e-003 | 0.0000 | 11.6517 |

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3.5 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 | 0.0104 | 0.3371 | 0.0901 | 8.0000e-004 | 0.0193 | 9.3000e-004 | 0.0202 | 5.5700e-003 | 8.9000e-004 | 6.4600e-003 | 0.0000 | 77.3154 | 77.3154 | 4.4200e-003 | 0.0000 | 77.4259 |
| Worker | 0.0379 | 0.0247 | 0.2766 | 7.6000e-004 | 0.0803 | 5.6000e-004 | 0.0808 | 0.0214 | 5.2000e-004 | 0.0219 | 0.0000 | 68.7037 | 68.7037 | 1.8000e-003 | 0.0000 | 68.7488 |
| Total | 0.0482 | 0.3618 | 0.3667 | 1.5600e-003 | 0.0995 | 1.4900e-003 | 0.1010 | 0.0269 | 1.4100e-003 | 0.0283 | 0.0000 | 146.0191 | 146.0191 | 6.2200e-003 | 0.0000 | 146.1747 |

3.5 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 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

3.5 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 | 0.2501 | 8.3211 | 2.1597 | 0.0207 | 0.5008 | 0.0212 | 0.5221 | 0.1447 | 0.0203 | 0.1650 | 0.0000 | 1,992.5304 | 1,992.5304 | 0.1117 | 0.0000 | 1,995.3218 |
| Worker | 0.9196 | 0.5782 | 6.6094 | 0.0191 | 2.0871 | 0.0142 | 2.1013 | 0.5551 | 0.0131 | 0.5682 | 0.0000 | 1,722.3134 | 1,722.3134 | 0.0421 | 0.0000 | 1,723.3669 |
| Total | 1.1697 | 8.8993 | 8.7691 | 0.0398 | 2.5879 | 0.0355 | 2.6234 | 0.6998 | 0.0334 | 0.7332 | 0.0000 | 3,714.8438 | 3,714.8438 | 0.1538 | 0.0000 | 3,718.6887 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.2501 | 8.3211 | 2.1597 | 0.0207 | 0.5008 | 0.0212 | 0.5221 | 0.1447 | 0.0203 | 0.1650 | 0.0000 | 1,992.5304 | 1,992.5304 | 0.1117 | 0.0000 | 1,995.3218 |
| Worker | 0.9196 | 0.5782 | 6.6094 | 0.0191 | 2.0871 | 0.0142 | 2.1013 | 0.5551 | 0.0131 | 0.5682 | 0.0000 | 1,722.3134 | 1,722.3134 | 0.0421 | 0.0000 | 1,723.3669 |
| Total | 1.1697 | 8.8993 | 8.7691 | 0.0398 | 2.5879 | 0.0355 | 2.6234 | 0.6998 | 0.0334 | 0.7332 | 0.0000 | 3,714.8438 | 3,714.8438 | 0.1538 | 0.0000 | 3,718.6887 |

3.5 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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3.5 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 | 0.1977 | 7.0328 | 1.9106 | 0.0203 | 0.5008 | 0.0101 | 0.5109 | 0.1447 | 9.6600e-003 | 0.1544 | 0.0000 | 1,955.7016 | 1,955.7016 | 0.1002 | 0.0000 | 1,958.2055 |
| Worker | 0.8608 | 0.5202 | 6.0701 | 0.0183 | 2.0871 | 0.0139 | 2.1010 | 0.5551 | 0.0128 | 0.5679 | 0.0000 | 1,657.6379 | 1,657.6379 | 0.0378 | 0.0000 | 1,658.5824 |
| Total | 1.0585 | 7.5530 | 7.9807 | 0.0387 | 2.5879 | 0.0240 | 2.6119 | 0.6998 | 0.0224 | 0.7223 | 0.0000 | 3,613.3395 | 3,613.3395 | 0.1379 | 0.0000 | 3,616.7879 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.1977 | 7.0328 | 1.9106 | 0.0203 | 0.5008 | 0.0101 | 0.5109 | 0.1447 | 9.6600e-003 | 0.1544 | 0.0000 | 1,955.7016 | 1,955.7016 | 0.1002 | 0.0000 | 1,958.2055 |
| Worker | 0.8608 | 0.5202 | 6.0701 | 0.0183 | 2.0871 | 0.0139 | 2.1010 | 0.5551 | 0.0128 | 0.5679 | 0.0000 | 1,657.6379 | 1,657.6379 | 0.0378 | 0.0000 | 1,658.5824 |
| Total | 1.0585 | 7.5530 | 7.9807 | 0.0387 | 2.5879 | 0.0240 | 2.6119 | 0.6998 | 0.0224 | 0.7223 | 0.0000 | 3,613.3395 | 3,613.3395 | 0.1379 | 0.0000 | 3,616.7879 |

3.5 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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3.5 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 | 0.1898 | 6.9516 | 1.7999 | 0.0204 | 0.5046 | 9.6700e-003 | 0.5142 | 0.1458 | 9.2400e-003 | 0.1550 | 0.0000 | 1,959.3045 | 1,959.3045 | 0.0997 | 0.0000 | 1,961.7971 |
| Worker | 0.8156 | 0.4738 | 5.6645 | 0.0178 | 2.1032 | 0.0137 | 2.1169 | 0.5594 | 0.0126 | 0.5720 | 0.0000 | 1,605.4556 | 1,605.4556 | 0.0343 | 0.0000 | 1,606.3141 |
| Total | 1.0055 | 7.4254 | 7.4644 | 0.0381 | 2.6077 | 0.0233 | 2.6311 | 0.7052 | 0.0218 | 0.7270 | 0.0000 | 3,564.7601 | 3,564.7601 | 0.1340 | 0.0000 | 3,568.1112 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.1898 | 6.9516 | 1.7999 | 0.0204 | 0.5046 | 9.6700e-003 | 0.5142 | 0.1458 | 9.2400e-003 | 0.1550 | 0.0000 | 1,959.3045 | 1,959.3045 | 0.0997 | 0.0000 | 1,961.7971 |
| Worker | 0.8156 | 0.4738 | 5.6645 | 0.0178 | 2.1032 | 0.0137 | 2.1169 | 0.5594 | 0.0126 | 0.5720 | 0.0000 | 1,605.4556 | 1,605.4556 | 0.0343 | 0.0000 | 1,606.3141 |
| Total | 1.0055 | 7.4254 | 7.4644 | 0.0381 | 2.6077 | 0.0233 | 2.6311 | 0.7052 | 0.0218 | 0.7270 | 0.0000 | 3,564.7601 | 3,564.7601 | 0.1340 | 0.0000 | 3,568.1112 |

3.5 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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3.5 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 | 0.1814 | 6.7967 | 1.6977 | 0.0201 | 0.5026 | 9.1300e-003 | 0.5117 | 0.1452 | 8.7300e-003 | 0.1540 | 0.0000 | 1,940.8090 | 1,940.8090 | 0.0982 | 0.0000 | 1,943.2629 |
| Worker | 0.7673 | 0.4286 | 5.2269 | 0.0170 | 2.0952 | 0.0134 | 2.1085 | 0.5572 | 0.0123 | 0.5695 | 0.0000 | 1,535.2962 | 1,535.2962 | 0.0310 | 0.0000 | 1,536.0713 |
| Total | 0.9487 | 7.2253 | 6.9246 | 0.0371 | 2.5977 | 0.0225 | 2.6202 | 0.7025 | 0.0210 | 0.7235 | 0.0000 | 3,476.1052 | 3,476.1052 | 0.1292 | 0.0000 | 3,479.3342 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.1814 | 6.7967 | 1.6977 | 0.0201 | 0.5026 | 9.1300e-003 | 0.5117 | 0.1452 | 8.7300e-003 | 0.1540 | 0.0000 | 1,940.8090 | 1,940.8090 | 0.0982 | 0.0000 | 1,943.2629 |
| Worker | 0.7673 | 0.4286 | 5.2269 | 0.0170 | 2.0952 | 0.0134 | 2.1085 | 0.5572 | 0.0123 | 0.5695 | 0.0000 | 1,535.2962 | 1,535.2962 | 0.0310 | 0.0000 | 1,536.0713 |
| Total | 0.9487 | 7.2253 | 6.9246 | 0.0371 | 2.5977 | 0.0225 | 2.6202 | 0.7025 | 0.0210 | 0.7235 | 0.0000 | 3,476.1052 | 3,476.1052 | 0.1292 | 0.0000 | 3,479.3342 |

3.5 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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3.5 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 | 0.1746 | 6.6746 | 1.6201 | 0.0200 | 0.5026 | 8.6400e-003 | 0.5112 | 0.1452 | 8.2600e-003 | 0.1535 | 0.0000 | 1,930.3418 | 1,930.3418 | 0.0971 | 0.0000 | 1,932.7693 |
| Worker | 0.7274 | 0.3916 | 4.8650 | 0.0163 | 2.0952 | 0.0130 | 2.1081 | 0.5572 | 0.0119 | 0.5692 | 0.0000 | 1,478.2538 | 1,478.2538 | 0.0282 | 0.0000 | 1,478.9594 |
| Total | 0.9020 | 7.0661 | 6.4850 | 0.0364 | 2.5977 | 0.0216 | 2.6193 | 0.7025 | 0.0202 | 0.7227 | 0.0000 | 3,408.5956 | 3,408.5956 | 0.1253 | 0.0000 | 3,411.7286 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.1746 | 6.6746 | 1.6201 | 0.0200 | 0.5026 | 8.6400e-003 | 0.5112 | 0.1452 | 8.2600e-003 | 0.1535 | 0.0000 | 1,930.3418 | 1,930.3418 | 0.0971 | 0.0000 | 1,932.7693 |
| Worker | 0.7274 | 0.3916 | 4.8650 | 0.0163 | 2.0952 | 0.0130 | 2.1081 | 0.5572 | 0.0119 | 0.5692 | 0.0000 | 1,478.2538 | 1,478.2538 | 0.0282 | 0.0000 | 1,478.9594 |
| Total | 0.9020 | 7.0661 | 6.4850 | 0.0364 | 2.5977 | 0.0216 | 2.6193 | 0.7025 | 0.0202 | 0.7227 | 0.0000 | 3,408.5956 | 3,408.5956 | 0.1253 | 0.0000 | 3,411.7286 |

3.5 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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3.5 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 | 0.1686 | 6.5623 | 1.5526 | 0.0199 | 0.5025 | 8.2200e-003 | 0.5107 | 0.1452 | 7.8600e-003 | 0.1531 | 0.0000 | 1,920.4986 | 1,920.4986 | 0.0961 | 0.0000 | 1,922.9002 |
| Worker | 0.6883 | 0.3583 | 4.5382 | 0.0158 | 2.0952 | 0.0123 | 2.1075 | 0.5572 | 0.0114 | 0.5686 | 0.0000 | 1,427.1901 | 1,427.1901 | 0.0257 | 0.0000 | 1,427.8330 |
| Total | 0.8568 | 6.9206 | 6.0908 | 0.0357 | 2.5977 | 0.0206 | 2.6182 | 0.7024 | 0.0192 | 0.7216 | 0.0000 | 3,347.6886 | 3,347.6886 | 0.1218 | 0.0000 | 3,350.7331 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.1686 | 6.5623 | 1.5526 | 0.0199 | 0.5025 | 8.2200e-003 | 0.5107 | 0.1452 | 7.8600e-003 | 0.1531 | 0.0000 | 1,920.4986 | 1,920.4986 | 0.0961 | 0.0000 | 1,922.9002 |
| Worker | 0.6883 | 0.3583 | 4.5382 | 0.0158 | 2.0952 | 0.0123 | 2.1075 | 0.5572 | 0.0114 | 0.5686 | 0.0000 | 1,427.1901 | 1,427.1901 | 0.0257 | 0.0000 | 1,427.8330 |
| Total | 0.8568 | 6.9206 | 6.0908 | 0.0357 | 2.5977 | 0.0206 | 2.6182 | 0.7024 | 0.0192 | 0.7216 | 0.0000 | 3,347.6886 | 3,347.6886 | 0.1218 | 0.0000 | 3,350.7331 |

3.5 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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3.5 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 | 0.1627 | 6.4420 | 1.4898 | 0.0198 | 0.5006 | 7.8200e-003 | 0.5084 | 0.1446 | 7.4700e-003 | 0.1521 | 0.0000 | 1,904.7753 | 1,904.7753 | 0.0947 | 0.0000 | 1,907.1417 |
| Worker | 0.6452 | 0.3275 | 4.2339 | 0.0152 | 2.0871 | 0.0115 | 2.0986 | 0.5551 | 0.0106 | 0.5657 | 0.0000 | 1,376.5657 | 1,376.5657 | 0.0235 | 0.0000 | 1,377.1521 |
| Total | 0.8079 | 6.7694 | 5.7237 | 0.0350 | 2.5877 | 0.0193 | 2.6070 | 0.6997 | 0.0180 | 0.7178 | 0.0000 | 3,281.3410 | 3,281.3410 | 0.1181 | 0.0000 | 3,284.2938 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

3.5 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 | 0.1627 | 6.4420 | 1.4898 | 0.0198 | 0.5006 | 7.8200e-003 | 0.5084 | 0.1446 | 7.4700e-003 | 0.1521 | 0.0000 | 1,904.7753 | 1,904.7753 | 0.0947 | 0.0000 | 1,907.1417 |
| Worker | 0.6452 | 0.3275 | 4.2339 | 0.0152 | 2.0871 | 0.0115 | 2.0986 | 0.5551 | 0.0106 | 0.5657 | 0.0000 | 1,376.5657 | 1,376.5657 | 0.0235 | 0.0000 | 1,377.1521 |
| Total | 0.8079 | 6.7694 | 5.7237 | 0.0350 | 2.5877 | 0.0193 | 2.6070 | 0.6997 | 0.0180 | 0.7178 | 0.0000 | 3,281.3410 | 3,281.3410 | 0.1181 | 0.0000 | 3,284.2938 |

3.5 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 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

3.5 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 | 0.1585 | 6.3758 | 1.4478 | 0.0197 | 0.5025 | 7.4700e-003 | 0.5099 | 0.1452 | 7.1400e-003 | 0.1523 | 0.0000 | 1,904.4582 | 1,904.4582 | 0.0940 | 0.0000 | 1,906.8074 |
| Worker | 0.6035 | 0.3012 | 3.9735 | 0.0148 | 2.0952 | 0.0107 | 2.1059 | 0.5572 | 9.8600e-003 | 0.5671 | 0.0000 | 1,341.6855 | 1,341.6855 | 0.0215 | 0.0000 | 1,342.2226 |
| Total | 0.7620 | 6.6769 | 5.4213 | 0.0346 | 2.5976 | 0.0182 | 2.6158 | 0.7024 | 0.0170 | 0.7194 | 0.0000 | 3,246.1436 | 3,246.1436 | 0.1155 | 0.0000 | 3,249.0300 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

3.5 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 | 0.1585 | 6.3758 | 1.4478 | 0.0197 | 0.5025 | 7.4700e-003 | 0.5099 | 0.1452 | 7.1400e-003 | 0.1523 | 0.0000 | 1,904.4582 | 1,904.4582 | 0.0940 | 0.0000 | 1,906.8074 |
| Worker | 0.6035 | 0.3012 | 3.9735 | 0.0148 | 2.0952 | 0.0107 | 2.1059 | 0.5572 | 9.8600e-003 | 0.5671 | 0.0000 | 1,341.6855 | 1,341.6855 | 0.0215 | 0.0000 | 1,342.2226 |
| Total | 0.7620 | 6.6769 | 5.4213 | 0.0346 | 2.5976 | 0.0182 | 2.6158 | 0.7024 | 0.0170 | 0.7194 | 0.0000 | 3,246.1436 | 3,246.1436 | 0.1155 | 0.0000 | 3,249.0300 |

3.5 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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3.5 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 | 0.1542 | 6.2906 | 1.4085 | 0.0197 | 0.5024 | 7.0900e-003 | 0.5095 | 0.1452 | 6.7800e-003 | 0.1520 | 0.0000 | 1,897.6337 | 1,897.6337 | 0.0929 | 0.0000 | 1,899.9558 |
| Worker | 0.5608 | 0.2763 | 3.7246 | 0.0144 | 2.0952 | 9.9800e-003 | 2.1051 | 0.5572 | 9.1900e-003 | 0.5664 | 0.0000 | 1,306.2943 | 1,306.2943 | 0.0197 | 0.0000 | 1,306.7854 |
| Total | 0.7150 | 6.5669 | 5.1331 | 0.0341 | 2.5976 | 0.0171 | 2.6147 | 0.7024 | 0.0160 | 0.7184 | 0.0000 | 3,203.9279 | 3,203.9279 | 0.1125 | 0.0000 | 3,206.7412 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.1542 | 6.2906 | 1.4085 | 0.0197 | 0.5024 | 7.0900e-003 | 0.5095 | 0.1452 | 6.7800e-003 | 0.1520 | 0.0000 | 1,897.6337 | 1,897.6337 | 0.0929 | 0.0000 | 1,899.9558 |
| Worker | 0.5608 | 0.2763 | 3.7246 | 0.0144 | 2.0952 | 9.9800e-003 | 2.1051 | 0.5572 | 9.1900e-003 | 0.5664 | 0.0000 | 1,306.2943 | 1,306.2943 | 0.0197 | 0.0000 | 1,306.7854 |
| Total | 0.7150 | 6.5669 | 5.1331 | 0.0341 | 2.5976 | 0.0171 | 2.6147 | 0.7024 | 0.0160 | 0.7184 | 0.0000 | 3,203.9279 | 3,203.9279 | 0.1125 | 0.0000 | 3,206.7412 |

3.5 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 | 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 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

3.5 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 | 0.1506 | 6.2133 | 1.3762 | 0.0196 | 0.5024 | 6.7500e-003 | 0.5092 | 0.1452 | 6.4500e-003 | 0.1516 | 0.0000 | 1,891.8306 | 1,891.8306 | 0.0920 | 0.0000 | 1,894.1293 |
| Worker | 0.5155 | 0.2528 | 3.4871 | 0.0141 | 2.0952 | 9.2900e-003 | 2.1044 | 0.5572 | 8.5400e-003 | 0.5658 | 0.0000 | 1,275.2475 | 1,275.2475 | 0.0179 | 0.0000 | 1,275.6956 |
| Total | 0.6661 | 6.4661 | 4.8633 | 0.0337 | 2.5976 | 0.0160 | 2.6136 | 0.7024 | 0.0150 | 0.7174 | 0.0000 | 3,167.0782 | 3,167.0782 | 0.1099 | 0.0000 | 3,169.8249 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | 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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3.5 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 | 0.1506 | 6.2133 | 1.3762 | 0.0196 | 0.5024 | 6.7500e-003 | 0.5092 | 0.1452 | 6.4500e-003 | 0.1516 | 0.0000 | 1,891.8306 | 1,891.8306 | 0.0920 | 0.0000 | 1,894.1293 |
| Worker | 0.5155 | 0.2528 | 3.4871 | 0.0141 | 2.0952 | 9.2900e-003 | 2.1044 | 0.5572 | 8.5400e-003 | 0.5658 | 0.0000 | 1,275.2475 | 1,275.2475 | 0.0179 | 0.0000 | 1,275.6956 |
| Total | 0.6661 | 6.4661 | 4.8633 | 0.0337 | 2.5976 | 0.0160 | 2.6136 | 0.7024 | 0.0150 | 0.7174 | 0.0000 | 3,167.0782 | 3,167.0782 | 0.1099 | 0.0000 | 3,169.8249 |

3.5 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 | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3479 | 344.3479 | 0.0138 | 0.0000 | 344.6933 |
| Total | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3479 | 344.3479 | 0.0138 | 0.0000 | 344.6933 |

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3.5 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 | 0.1481 | 6.1651 | 1.3559 | 0.0196 | 0.5043 | 6.5000e-003 | 0.5108 | 0.1457 | 6.2200e-003 | 0.1519 | 0.0000 | 1,894.3216 | 1,894.3216 | 0.0915 | 0.0000 | 1,896.6083 |
| Worker | 0.4768 | 0.2334 | 3.2904 | 0.0138 | 2.1032 | 8.6700e-003 | 2.1119 | 0.5594 | 7.9800e-003 | 0.5674 | 0.0000 | 1,252.9980 | 1,252.9980 | 0.0165 | 0.0000 | 1,253.4102 |
| Total | 0.6250 | 6.3985 | 4.6463 | 0.0335 | 2.6075 | 0.0152 | 2.6227 | 0.7051 | 0.0142 | 0.7193 | 0.0000 | 3,147.3196 | 3,147.3196 | 0.1080 | 0.0000 | 3,150.0185 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3475 | 344.3475 | 0.0138 | 0.0000 | 344.6929 |
| Total | 0.1715 | 1.0394 | 2.1166 | 4.0600e-003 | | 0.0194 | 0.0194 | | 0.0194 | 0.0194 | 0.0000 | 344.3475 | 344.3475 | 0.0138 | 0.0000 | 344.6929 |

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3.5 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 | 0.1481 | 6.1651 | 1.3559 | 0.0196 | 0.5043 | 6.5000e-003 | 0.5108 | 0.1457 | 6.2200e-003 | 0.1519 | 0.0000 | 1,894.3216 | 1,894.3216 | 0.0915 | 0.0000 | 1,896.6083 |
| Worker | 0.4768 | 0.2334 | 3.2904 | 0.0138 | 2.1032 | 8.6700e-003 | 2.1119 | 0.5594 | 7.9800e-003 | 0.5674 | 0.0000 | 1,252.9980 | 1,252.9980 | 0.0165 | 0.0000 | 1,253.4102 |
| Total | 0.6250 | 6.3985 | 4.6463 | 0.0335 | 2.6075 | 0.0152 | 2.6227 | 0.7051 | 0.0142 | 0.7193 | 0.0000 | 3,147.3196 | 3,147.3196 | 0.1080 | 0.0000 | 3,150.0185 |

3.5 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 | 0.1440 | 0.8728 | 1.7773 | 3.4100e-003 | | 0.0163 | 0.0163 | | 0.0163 | 0.0163 | 0.0000 | 289.1471 | 289.1471 | 0.0116 | 0.0000 | 289.4371 |
| Total | 0.1440 | 0.8728 | 1.7773 | 3.4100e-003 | | 0.0163 | 0.0163 | | 0.0163 | 0.0163 | 0.0000 | 289.1471 | 289.1471 | 0.0116 | 0.0000 | 289.4371 |

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3.5 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 | 0.1222 | 5.1230 | 1.1202 | 0.0164 | 0.4235 | 5.2700e-003 | 0.4287 | 0.1224 | 5.0400e-003 | 0.1274 | 0.0000 | 1,587.1606 | 1,587.1606 | 0.0762 | 0.0000 | 1,589.0654 |
| Worker | 0.3726 | 0.1821 | 2.6144 | 0.0114 | 1.7660 | 6.7900e-003 | 1.7728 | 0.4697 | 6.2500e-003 | 0.4760 | 0.0000 | 1,032.4933 | 1,032.4933 | 0.0128 | 0.0000 | 1,032.8130 |
| Total | 0.4948 | 5.3051 | 3.7346 | 0.0278 | 2.1895 | 0.0121 | 2.2016 | 0.5921 | 0.0113 | 0.6033 | 0.0000 | 2,619.6539 | 2,619.6539 | 0.0890 | 0.0000 | 2,621.8784 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1440 | 0.8728 | 1.7773 | 3.4100e-003 | | 0.0163 | 0.0163 | | 0.0163 | 0.0163 | 0.0000 | 289.1468 | 289.1468 | 0.0116 | 0.0000 | 289.4368 |
| Total | 0.1440 | 0.8728 | 1.7773 | 3.4100e-003 | | 0.0163 | 0.0163 | | 0.0163 | 0.0163 | 0.0000 | 289.1468 | 289.1468 | 0.0116 | 0.0000 | 289.4368 |

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3.5 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 | 0.1222 | 5.1230 | 1.1202 | 0.0164 | 0.4235 | 5.2700e-003 | 0.4287 | 0.1224 | 5.0400e-003 | 0.1274 | 0.0000 | 1,587.1606 | 1,587.1606 | 0.0762 | 0.0000 | 1,589.0654 |
| Worker | 0.3726 | 0.1821 | 2.6144 | 0.0114 | 1.7660 | 6.7900e-003 | 1.7728 | 0.4697 | 6.2500e-003 | 0.4760 | 0.0000 | 1,032.4933 | 1,032.4933 | 0.0128 | 0.0000 | 1,032.8130 |
| Total | 0.4948 | 5.3051 | 3.7346 | 0.0278 | 2.1895 | 0.0121 | 2.2016 | 0.5921 | 0.0113 | 0.6033 | 0.0000 | 2,619.6539 | 2,619.6539 | 0.0890 | 0.0000 | 2,621.8784 |

3.6 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 | 0.0277 | 0.1424 | 0.3170 | 5.6000e-004 | | 6.6100e-003 | 6.6100e-003 | | 6.6100e-003 | 6.6100e-003 | 0.0000 | 48.1990 | 48.1990 | 2.2600e-003 | 0.0000 | 48.2555 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0277 | 0.1424 | 0.3170 | 5.6000e-004 | | 6.6100e-003 | 6.6100e-003 | | 6.6100e-003 | 6.6100e-003 | 0.0000 | 48.1990 | 48.1990 | 2.2600e-003 | 0.0000 | 48.2555 |

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3.6 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 | 4.6000e-004 | 2.3000e-004 | 3.2600e-003 | 1.0000e-005 | 2.2000e-003 | 1.0000e-005 | 2.2100e-003 | 5.9000e-004 | 1.0000e-005 | 5.9000e-004 | 0.0000 | 1.2882 | 1.2882 | 2.0000e-005 | 0.0000 | 1.2886 |
| Total | 4.6000e-004 | 2.3000e-004 | 3.2600e-003 | 1.0000e-005 | 2.2000e-003 | 1.0000e-005 | 2.2100e-003 | 5.9000e-004 | 1.0000e-005 | 5.9000e-004 | 0.0000 | 1.2882 | 1.2882 | 2.0000e-005 | 0.0000 | 1.2886 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.0277 | 0.1424 | 0.3170 | 5.6000e-004 | | 6.6100e-003 | 6.6100e-003 | | 6.6100e-003 | 6.6100e-003 | 0.0000 | 48.1990 | 48.1990 | 2.2600e-003 | 0.0000 | 48.2555 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.0277 | 0.1424 | 0.3170 | 5.6000e-004 | | 6.6100e-003 | 6.6100e-003 | | 6.6100e-003 | 6.6100e-003 | 0.0000 | 48.1990 | 48.1990 | 2.2600e-003 | 0.0000 | 48.2555 |

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3.6 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 | 4.6000e-004 | 2.3000e-004 | 3.2600e-003 | 1.0000e-005 | 2.2000e-003 | 1.0000e-005 | 2.2100e-003 | 5.9000e-004 | 1.0000e-005 | 5.9000e-004 | 0.0000 | 1.2882 | 1.2882 | 2.0000e-005 | 0.0000 | 1.2886 |
| Total | 4.6000e-004 | 2.3000e-004 | 3.2600e-003 | 1.0000e-005 | 2.2000e-003 | 1.0000e-005 | 2.2100e-003 | 5.9000e-004 | 1.0000e-005 | 5.9000e-004 | 0.0000 | 1.2882 | 1.2882 | 2.0000e-005 | 0.0000 | 1.2886 |

3.6 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 | 0.1246 | 0.6408 | 1.4265 | 2.5200e-003 | | 0.0298 | 0.0298 | | 0.0298 | 0.0298 | 0.0000 | 216.8956 | 216.8956 | 0.0102 | 0.0000 | 217.1498 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1246 | 0.6408 | 1.4265 | 2.5200e-003 | | 0.0298 | 0.0298 | | 0.0298 | 0.0298 | 0.0000 | 216.8956 | 216.8956 | 0.0102 | 0.0000 | 217.1498 |

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3.6 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 | 1.9500e-003 | 9.6000e-004 | 0.0139 | 6.0000e-005 | 9.9100e-003 | 4.0000e-005 | 9.9500e-003 | 2.6400e-003 | 3.0000e-005 | 2.6700e-003 | 0.0000 | 5.7014 | 5.7014 | 7.0000e-005 | 0.0000 | 5.7031 |
| Total | 1.9500e-003 | 9.6000e-004 | 0.0139 | 6.0000e-005 | 9.9100e-003 | 4.0000e-005 | 9.9500e-003 | 2.6400e-003 | 3.0000e-005 | 2.6700e-003 | 0.0000 | 5.7014 | 5.7014 | 7.0000e-005 | 0.0000 | 5.7031 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 0.1246 | 0.6408 | 1.4265 | 2.5200e-003 | | 0.0298 | 0.0298 | | 0.0298 | 0.0298 | 0.0000 | 216.8954 | 216.8954 | 0.0102 | 0.0000 | 217.1496 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 0.1246 | 0.6408 | 1.4265 | 2.5200e-003 | | 0.0298 | 0.0298 | | 0.0298 | 0.0298 | 0.0000 | 216.8954 | 216.8954 | 0.0102 | 0.0000 | 217.1496 |

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3.6 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 | 1.9500e-003 | 9.6000e-004 | 0.0139 | 6.0000e-005 | 9.9100e-003 | 4.0000e-005 | 9.9500e-003 | 2.6400e-003 | 3.0000e-005 | 2.6700e-003 | 0.0000 | 5.7014 | 5.7014 | 7.0000e-005 | 0.0000 | 5.7031 |
| Total | 1.9500e-003 | 9.6000e-004 | 0.0139 | 6.0000e-005 | 9.9100e-003 | 4.0000e-005 | 9.9500e-003 | 2.6400e-003 | 3.0000e-005 | 2.6700e-003 | 0.0000 | 5.7014 | 5.7014 | 7.0000e-005 | 0.0000 | 5.7031 |

3.7 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 | 3.4853 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 5.2300e-003 | 0.0343 | 0.0719 | 1.2000e-004 | | 8.1000e-004 | 8.1000e-004 | | 8.1000e-004 | 8.1000e-004 | 0.0000 | 10.2130 | 10.2130 | 4.1000e-004 | 0.0000 | 10.2234 |
| Total | 3.4905 | 0.0343 | 0.0719 | 1.2000e-004 | | 8.1000e-004 | 8.1000e-004 | | 8.1000e-004 | 8.1000e-004 | 0.0000 | 10.2130 | 10.2130 | 4.1000e-004 | 0.0000 | 10.2234 |

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3.7 Architectural Coating - 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 | 0.0253 | 0.0124 | 0.1798 | 8.1000e-004 | 0.1284 | 4.6000e-004 | 0.1288 | 0.0341 | 4.2000e-004 | 0.0346 | 0.0000 | 73.8225 | 73.8225 | 8.6000e-004 | 0.0000 | 73.8440 |
| Total | 0.0253 | 0.0124 | 0.1798 | 8.1000e-004 | 0.1284 | 4.6000e-004 | 0.1288 | 0.0341 | 4.2000e-004 | 0.0346 | 0.0000 | 73.8225 | 73.8225 | 8.6000e-004 | 0.0000 | 73.8440 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 3.4853 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 5.2300e-003 | 0.0343 | 0.0719 | 1.2000e-004 | | 8.1000e-004 | 8.1000e-004 | | 8.1000e-004 | 8.1000e-004 | 0.0000 | 10.2130 | 10.2130 | 4.1000e-004 | 0.0000 | 10.2233 |
| Total | 3.4905 | 0.0343 | 0.0719 | 1.2000e-004 | | 8.1000e-004 | 8.1000e-004 | | 8.1000e-004 | 8.1000e-004 | 0.0000 | 10.2130 | 10.2130 | 4.1000e-004 | 0.0000 | 10.2233 |

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3.7 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 | 0.0253 | 0.0124 | 0.1798 | 8.1000e-004 | 0.1284 | 4.6000e-004 | 0.1288 | 0.0341 | 4.2000e-004 | 0.0346 | 0.0000 | 73.8225 | 73.8225 | 8.6000e-004 | 0.0000 | 73.8440 |
| Total | 0.0253 | 0.0124 | 0.1798 | 8.1000e-004 | 0.1284 | 4.6000e-004 | 0.1288 | 0.0341 | 4.2000e-004 | 0.0346 | 0.0000 | 73.8225 | 73.8225 | 8.6000e-004 | 0.0000 | 73.8440 |

3.7 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 | 6.0992 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 8.2500e-003 | 0.0530 | 0.1256 | 2.1000e-004 | | 6.9000e-004 | 6.9000e-004 | | 6.9000e-004 | 6.9000e-004 | 0.0000 | 17.8728 | 17.8728 | 6.6000e-004 | 0.0000 | 17.8893 |
| Total | 6.1075 | 0.0530 | 0.1256 | 2.1000e-004 | | 6.9000e-004 | 6.9000e-004 | | 6.9000e-004 | 6.9000e-004 | 0.0000 | 17.8728 | 17.8728 | 6.6000e-004 | 0.0000 | 17.8893 |

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3.7 Architectural Coating - 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 | 0.0416 | 0.0205 | 0.2994 | 1.4100e-003 | 0.2247 | 7.5000e-004 | 0.2254 | 0.0598 | 6.9000e-004 | 0.0605 | 0.0000 | 127.3536 | 127.3536 | 1.4000e-003 | 0.0000 | 127.3885 |
| Total | 0.0416 | 0.0205 | 0.2994 | 1.4100e-003 | 0.2247 | 7.5000e-004 | 0.2254 | 0.0598 | 6.9000e-004 | 0.0605 | 0.0000 | 127.3536 | 127.3536 | 1.4000e-003 | 0.0000 | 127.3885 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 6.0992 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 8.2500e-003 | 0.0530 | 0.1256 | 2.1000e-004 | | 6.9000e-004 | 6.9000e-004 | | 6.9000e-004 | 6.9000e-004 | 0.0000 | 17.8728 | 17.8728 | 6.6000e-004 | 0.0000 | 17.8893 |
| Total | 6.1075 | 0.0530 | 0.1256 | 2.1000e-004 | | 6.9000e-004 | 6.9000e-004 | | 6.9000e-004 | 6.9000e-004 | 0.0000 | 17.8728 | 17.8728 | 6.6000e-004 | 0.0000 | 17.8893 |

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3.7 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 | 0.0416 | 0.0205 | 0.2994 | 1.4100e-003 | 0.2247 | 7.5000e-004 | 0.2254 | 0.0598 | 6.9000e-004 | 0.0605 | 0.0000 | 127.3536 | 127.3536 | 1.4000e-003 | 0.0000 | 127.3885 |
| Total | 0.0416 | 0.0205 | 0.2994 | 1.4100e-003 | 0.2247 | 7.5000e-004 | 0.2254 | 0.0598 | 6.9000e-004 | 0.0605 | 0.0000 | 127.3536 | 127.3536 | 1.4000e-003 | 0.0000 | 127.3885 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

West Broadway AQ Existing Conditions Op. - Sacramento 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 | 3.7870 | 15.7104 | 42.3513 | 0.1175 | 9.5403 | 0.1283 | 9.6686 | 2.5588 | 0.1206 | 2.6794 | 0.0000 | 10,785.72 37 | 10,785.72 37 | 0.5683 | 0.0000 | 10,799.93 20 |
| Unmitigated | 3.7870 | 15.7104 | 42.3513 | 0.1175 | 9.5403 | 0.1283 | 9.6686 | 2.5588 | 0.1206 | 2.6794 | 0.0000 | 10,785.72 37 | 10,785.72 37 | 0.5683 | 0.0000 | 10,799.93 20 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|------------------------|-------------------------|------------------|-----------------|-------------------|-------------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Apartments Low Rise | 7,334.67 | 7,969.08 | 6755.91 | 15,510,917 | 15,510,917 |
| City Park | 118.50 | 1,426.43 | 1049.60 | 814,524 | 814,524 |
| Elementary School | 1,535.29 | 0.00 | 0.00 | 2,306,054 | 2,306,054 |
| General Light Industry | 181.57 | 34.39 | 17.71 | 379,280 | 379,280 |
| General Light Industry | 2,885.23 | 546.41 | 281.49 | 6,026,986 | 6,026,986 |
| Racquet Club | 70.15 | 106.75 | 87.00 | 102,710 | 102,710 |
| Racquet Club | 291.82 | 444.08 | 361.92 | 427,275 | 427,275 |
| Total | 12,417.23 | 10,527.14 | 8,553.63 | 25,567,746 | 25,567,746 |

4.3 Trip Type Information

West Broadway AQ Existing Conditions Op. - Sacramento 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 |
| Apartments Low Rise | 6.98 | 5.00 | 6.50 | 46.50 | 12.50 | 41.00 | 86 | 11 | 3 |
| City Park | 10.15 | 5.00 | 6.50 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |
| Elementary School | 10.00 | 5.00 | 6.50 | 65.00 | 30.00 | 5.00 | 63 | 25 | 12 |
| General Light Industry | 10.00 | 5.00 | 6.50 | 59.00 | 28.00 | 13.00 | 92 | 5 | 3 |
| General Light Industry | 10.00 | 5.00 | 6.50 | 59.00 | 28.00 | 13.00 | 92 | 5 | 3 |
| Racquet Club | 10.00 | 5.00 | 6.50 | 11.50 | 69.50 | 19.00 | 52 | 39 | 9 |
| Racquet Club | 10.00 | 5.00 | 6.50 | 11.50 | 69.50 | 19.00 | 52 | 39 | 9 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments Low Rise | 0.551662 | 0.040953 | 0.203778 | 0.123762 | 0.021802 | 0.005583 | 0.018466 | 0.022043 | 0.002076 | 0.002280 | 0.006004 | 0.000618 | 0.000971 |
| City Park | 0.551662 | 0.040953 | 0.203778 | 0.123762 | 0.021802 | 0.005583 | 0.018466 | 0.022043 | 0.002076 | 0.002280 | 0.006004 | 0.000618 | 0.000971 |
| Elementary School | 0.551662 | 0.040953 | 0.203778 | 0.123762 | 0.021802 | 0.005583 | 0.018466 | 0.022043 | 0.002076 | 0.002280 | 0.006004 | 0.000618 | 0.000971 |
| General Light Industry | 0.551662 | 0.040953 | 0.203778 | 0.123762 | 0.021802 | 0.005583 | 0.018466 | 0.022043 | 0.002076 | 0.002280 | 0.006004 | 0.000618 | 0.000971 |
| Racquet Club | 0.551662 | 0.040953 | 0.203778 | 0.123762 | 0.021802 | 0.005583 | 0.018466 | 0.022043 | 0.002076 | 0.002280 | 0.006004 | 0.000618 | 0.000971 |

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

West Broadway AQ Existing Conditions Op. - Sacramento 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 | 2,227.3831 | 2,227.3831 | 0.1684 | 0.0348 | 2,241.9749 |
| Electricity Unmitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 2,227.3831 | 2,227.3831 | 0.1684 | 0.0348 | 2,241.9749 |
| NaturalGas Mitigated | 0.1707 | 1.5126 | 1.0134 | 9.3100e-003 | | | 0.1180 | 0.1180 | | 0.1180 | 0.0000 | 1,689.7311 | 1,689.7311 | 0.0324 | 0.0310 | 1,699.7723 |
| NaturalGas Unmitigated | 0.1707 | 1.5126 | 1.0134 | 9.3100e-003 | | | 0.1180 | 0.1180 | | 0.1180 | 0.0000 | 1,689.7311 | 1,689.7311 | 0.0324 | 0.0310 | 1,699.7723 |

West Broadway AQ Existing Conditions Op. - Sacramento 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 | | | | | |
| Apartments Low Rise | 1.34659e+007 | 0.0726 | 0.6205 | 0.2640 | 3.9600e-003 | | 0.0502 | 0.0502 | | 0.0502 | 0.0502 | 0.0000 | 718.5904 | 718.5904 | 0.0138 | 0.0132 | 722.8606 |
| 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 |
| Elementary School | 1.51837e+006 | 8.1900e-003 | 0.0744 | 0.0625 | 4.5000e-004 | | 5.6600e-003 | 5.6600e-003 | | 5.6600e-003 | 5.6600e-003 | 0.0000 | 81.0260 | 81.0260 | 1.5500e-003 | 1.4900e-003 | 81.5075 |
| General Light Industry | 1.48235e+007 | 0.0799 | 0.7266 | 0.6104 | 4.3600e-003 | | 0.0552 | 0.0552 | | 0.0552 | 0.0552 | 0.0000 | 791.0411 | 791.0411 | 0.0152 | 0.0145 | 795.7418 |
| General Light Industry | 932671 | 5.0300e-003 | 0.0457 | 0.0384 | 2.7000e-004 | | 3.4700e-003 | 3.4700e-003 | | 3.4700e-003 | 3.4700e-003 | 0.0000 | 49.7709 | 49.7709 | 9.5000e-004 | 9.1000e-004 | 50.0667 |
| Racquet Club | 179050 | 9.7000e-004 | 8.7800e-003 | 7.3700e-003 | 5.0000e-005 | | 6.7000e-004 | 6.7000e-004 | | 6.7000e-004 | 6.7000e-004 | 0.0000 | 9.5548 | 9.5548 | 1.8000e-004 | 1.8000e-004 | 9.6116 |
| Racquet Club | 744848 | 4.0200e-003 | 0.0365 | 0.0307 | 2.2000e-004 | | 2.7700e-003 | 2.7700e-003 | | 2.7700e-003 | 2.7700e-003 | 0.0000 | 39.7479 | 39.7479 | 7.6000e-004 | 7.3000e-004 | 39.9841 |
| Total | | 0.1708 | 1.5126 | 1.0134 | 9.3100e-003 | | 0.1180 | 0.1180 | | 0.1180 | 0.1180 | 0.0000 | 1,689.7311 | 1,689.7311 | 0.0324 | 0.0310 | 1,699.7723 |

West Broadway AQ Existing Conditions Op. - Sacramento 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 | | | | | |
| Apartments Low Rise | 1.34659e+007 | 0.0726 | 0.6205 | 0.2640 | 3.9600e-003 | | 0.0502 | 0.0502 | | 0.0502 | 0.0502 | 0.0000 | 718.5904 | 718.5904 | 0.0138 | 0.0132 | 722.8606 |
| 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 |
| Elementary School | 1.51837e+006 | 8.1900e-003 | 0.0744 | 0.0625 | 4.5000e-004 | | 5.6600e-003 | 5.6600e-003 | | 5.6600e-003 | 5.6600e-003 | 0.0000 | 81.0260 | 81.0260 | 1.5500e-003 | 1.4900e-003 | 81.5075 |
| General Light Industry | 1.48235e+007 | 0.0799 | 0.7266 | 0.6104 | 4.3600e-003 | | 0.0552 | 0.0552 | | 0.0552 | 0.0552 | 0.0000 | 791.0411 | 791.0411 | 0.0152 | 0.0145 | 795.7418 |
| General Light Industry | 932671 | 5.0300e-003 | 0.0457 | 0.0384 | 2.7000e-004 | | 3.4700e-003 | 3.4700e-003 | | 3.4700e-003 | 3.4700e-003 | 0.0000 | 49.7709 | 49.7709 | 9.5000e-004 | 9.1000e-004 | 50.0667 |
| Racquet Club | 179050 | 9.7000e-004 | 8.7800e-003 | 7.3700e-003 | 5.0000e-005 | | 6.7000e-004 | 6.7000e-004 | | 6.7000e-004 | 6.7000e-004 | 0.0000 | 9.5548 | 9.5548 | 1.8000e-004 | 1.8000e-004 | 9.6116 |
| Racquet Club | 744848 | 4.0200e-003 | 0.0365 | 0.0307 | 2.2000e-004 | | 2.7700e-003 | 2.7700e-003 | | 2.7700e-003 | 2.7700e-003 | 0.0000 | 39.7479 | 39.7479 | 7.6000e-004 | 7.3000e-004 | 39.9841 |
| Total | | 0.1708 | 1.5126 | 1.0134 | 9.3100e-003 | | 0.1180 | 0.1180 | | 0.1180 | 0.1180 | 0.0000 | 1,689.7311 | 1,689.7311 | 0.0324 | 0.0310 | 1,699.7723 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|------------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| Apartments Low Rise | 5.00209e+006 | 870.3537 | 0.0658 | 0.0136 | 876.0554 |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Elementary School | 728340 | 126.7297 | 9.5800e-003 | 1.9800e-003 | 127.5600 |
| General Light Industry | 395363 | 68.7924 | 5.2000e-003 | 1.0800e-003 | 69.2431 |
| General Light Industry | 6.28376e+006 | 1,093.3621 | 0.0827 | 0.0171 | 1,100.5248 |
| Racquet Club | 315744 | 54.9388 | 4.1500e-003 | 8.6000e-004 | 55.2987 |
| Racquet Club | 75900 | 13.2065 | 1.0000e-003 | 2.1000e-004 | 13.2930 |
| Total | | 2,227.3831 | 0.1684 | 0.0348 | 2,241.9749 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|------------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use | kWh/yr | MT/yr | | | |
| Apartments Low Rise | 5.00209e+006 | 870.3537 | 0.0658 | 0.0136 | 876.0554 |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Elementary School | 728340 | 126.7297 | 9.5800e-003 | 1.9800e-003 | 127.5600 |
| General Light Industry | 395363 | 68.7924 | 5.2000e-003 | 1.0800e-003 | 69.2431 |
| General Light Industry | 6.28376e+006 | 1,093.3621 | 0.0827 | 0.0171 | 1,100.5248 |
| Racquet Club | 315744 | 54.9388 | 4.1500e-003 | 8.6000e-004 | 55.2987 |
| Racquet Club | 75900 | 13.2065 | 1.0000e-003 | 2.1000e-004 | 13.2930 |
| Total | | 2,227.3831 | 0.1684 | 0.0348 | 2,241.9749 |

6.0 Area Detail

6.1 Mitigation Measures Area

West Broadway AQ Existing Conditions Op. - Sacramento 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 | 7.8901 | 0.1333 | 11.5242 | 6.1000e-004 | | 0.0634 | 0.0634 | | 0.0634 | 0.0634 | 0.0000 | 18.7647 | 18.7647 | 0.0183 | 0.0000 | 19.2228 |
| Unmitigated | 7.8901 | 0.1333 | 11.5242 | 6.1000e-004 | | 0.0634 | 0.0634 | | 0.0634 | 0.0634 | 0.0000 | 18.7647 | 18.7647 | 0.0183 | 0.0000 | 19.2228 |

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 | 0.9585 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 6.5803 | | | | | 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 | 0.3514 | 0.1333 | 11.5242 | 6.1000e-004 | | 0.0634 | 0.0634 | | 0.0634 | 0.0634 | 0.0000 | 18.7647 | 18.7647 | 0.0183 | 0.0000 | 19.2228 |
| Total | 7.8902 | 0.1333 | 11.5242 | 6.1000e-004 | | 0.0634 | 0.0634 | | 0.0634 | 0.0634 | 0.0000 | 18.7647 | 18.7647 | 0.0183 | 0.0000 | 19.2228 |

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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 | 0.9585 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 6.5803 | | | | | 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 | 0.3514 | 0.1333 | 11.5242 | 6.1000e-004 | | 0.0634 | 0.0634 | | 0.0634 | 0.0634 | 0.0000 | 18.7647 | 18.7647 | 0.0183 | 0.0000 | 19.2228 |
| Total | 7.8902 | 0.1333 | 11.5242 | 6.1000e-004 | | 0.0634 | 0.0634 | | 0.0634 | 0.0634 | 0.0000 | 18.7647 | 18.7647 | 0.0183 | 0.0000 | 19.2228 |

7.0 Water Detail

7.1 Mitigation Measures Water

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|--------|--------|----------|
| Category | MT/yr | | | |
| Mitigated | 296.5475 | 0.2352 | 0.1411 | 344.4832 |
| Unmitigated | 296.5475 | 0.2352 | 0.1411 | 344.4832 |

7.2 Water by Land Use

Unmitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|------------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| Apartments Low Rise | 72.5164 / 45.7169 | 116.3667 | 0.0952 | 0.0572 | 135.7954 |
| City Park | 0 / 74.7059 | 45.4954 | 3.4400e-003 | 7.1000e-004 | 45.7934 |
| Elementary School | 2.88519 / 7.41907 | 8.0403 | 4.0400e-003 | 2.3300e-003 | 8.8357 |
| General Light Industry | 101.75 / 0 | 124.2128 | 0.1306 | 0.0797 | 151.2177 |
| Racquet Club | 1.52589 / 0.935225 | 2.4323 | 2.0000e-003 | 1.2000e-003 | 2.8410 |
| Total | | 296.5475 | 0.2352 | 0.1411 | 344.4832 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

7.2 Water by Land Use

Mitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|------------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use | Mgal | MT/yr | | | |
| Apartments Low Rise | 72.5164 / 45.7169 | 116.3667 | 0.0952 | 0.0572 | 135.7954 |
| City Park | 0 / 74.7059 | 45.4954 | 3.4400e-003 | 7.1000e-004 | 45.7934 |
| Elementary School | 2.88519 / 7.41907 | 8.0403 | 4.0400e-003 | 2.3300e-003 | 8.8357 |
| General Light Industry | 101.75 / 0 | 124.2128 | 0.1306 | 0.0797 | 151.2177 |
| Racquet Club | 1.52589 / 0.935225 | 2.4323 | 2.0000e-003 | 1.2000e-003 | 2.8410 |
| Total | | 296.5475 | 0.2352 | 0.1411 | 344.4832 |

8.0 Waste Detail

8.1 Mitigation Measures Waste

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|---------|--------|----------|
| | MT/yr | | | |
| Mitigated | 271.8820 | 16.0678 | 0.0000 | 673.5762 |
| Unmitigated | 271.8820 | 16.0678 | 0.0000 | 673.5762 |

8.2 Waste by Land Use

Unmitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|------------------------|----------------|-----------------|----------------|---------------|-----------------|
| Land Use | tons | MT/yr | | | |
| Apartments Low Rise | 511.98 | 103.9273 | 6.1419 | 0.0000 | 257.4755 |
| City Park | 5.39 | 1.0941 | 0.0647 | 0.0000 | 2.7106 |
| Elementary School | 129.35 | 26.2569 | 1.5517 | 0.0000 | 65.0503 |
| General Light Industry | 545.6 | 110.7519 | 6.5453 | 0.0000 | 274.3831 |
| Racquet Club | 147.06 | 29.8519 | 1.7642 | 0.0000 | 73.9567 |
| Total | | 271.8820 | 16.0678 | 0.0000 | 673.5762 |

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

8.2 Waste by Land Use

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|------------------------|----------------|-----------------|----------------|---------------|-----------------|
| Land Use | tons | MT/yr | | | |
| Apartments Low Rise | 511.98 | 103.9273 | 6.1419 | 0.0000 | 257.4755 |
| City Park | 5.39 | 1.0941 | 0.0647 | 0.0000 | 2.7106 |
| Elementary School | 129.35 | 26.2569 | 1.5517 | 0.0000 | 65.0503 |
| General Light Industry | 545.6 | 110.7519 | 6.5453 | 0.0000 | 274.3831 |
| Racquet Club | 147.06 | 29.8519 | 1.7642 | 0.0000 | 73.9567 |
| Total | | 271.8820 | 16.0678 | 0.0000 | 673.5762 |

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

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

User Defined Equipment

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

11.0 Vegetation
