

ATTACHMENT 5.3-A: AIR QUALITY AND GHG CALCULATIONS

1.0 INTRODUCTION

The following analyses were performed to evaluate the potential for impacts to air quality and greenhouse gas (GHG) emissions from the construction and operation of the Collinsville 500/230 Kilovolt (kV) Substation Project (Proposed Project). Daily and annual emissions for the following criteria air pollutants and greenhouse gases (GHGs) from the construction and operation and maintenance (O&M) phases of the Proposed Project were calculated:

- Volatile organic compounds (VOCs),
- Carbon monoxide (CO),
- Nitrogen oxides (NO_x),
- Sulfur oxides (SO_x),
- Particulate matter (PM) less than 10 microns in diameter (PM₁₀),
- PM less than 2.5 microns in diameter (PM_{2.5}),
- Carbon dioxide (CO₂),
- Methane (CH₄), and
- Sulfur hexafluoride (SF₆).

The emission sources considered and the calculation methodology for each of these sources are described in the sections that follow.

1.1 EMISSION CALCULATION METHODS

Emissions were calculated for the following sources for the construction phase of the Proposed Project:

- Exhaust emissions from off-road equipment use,
- Exhaust emissions from on-road vehicle travel,
- Entrained road dust emissions from on-road vehicle travel,
- Fugitive dust emissions from earthwork activities, and
- Exhaust and dust emissions from helicopter use.

Emissions were calculated for the following sources for the O&M phase of the Proposed Project:

- Exhaust emissions from on-road vehicle travel,
- Entrained road dust emissions from on-road vehicle travel,
- Electricity consumption at the proposed LS Power Grid California, LLC (LSPGC) Collinsville Substation, and
- Fugitive SF₆ losses at the proposed LSPGC Collinsville Substation.

Emissions calculation methods for each of the aforementioned sources are described in the subsections that follow. Additional conversion factors (e.g., grams to pounds) were added, as appropriate, to ensure proper units were used. These conversion factors may not be represented in the equations that follow.

1.1.0 Off-Road Equipment Exhaust

Exhaust emissions from off-road equipment use were calculated using the following equation:

$$E_{i,j} = EF_{i,j} \times LF_j \times H_j \times N_j$$

Where:

$E_{i,j}$ = Emissions of pollutant i from equipment type j (pounds/day)

$EF_{i,j}$ = Emission factor for pollutant i from equipment type j (pounds/operating hour)

LF_j = Load factor for equipment type j

H_j = Daily operating time for equipment type j (hours/day)

N_j = Number of pieces of equipment of type j

The emission factors used for the uncontrolled emissions calculations were obtained from Table G-11 of Appendix G: Default Data Tables of the California Emissions Estimator Model (CalEEMod) version 2022.1 User Guide (CalEEMod Guide). The lookup tables provided in the CalEEMod Guide were used to identify emission factors for each piece of equipment that would be used for the Proposed Project. Load factors were obtained from Table G-12 from Appendix G of the CalEEMod Guide.

The United States (U.S.) Environmental Protection Agency's (EPA's) Tier 4 final specifications were obtained from Table G-13 of the CalEEMod Guide and utilized to estimate controlled emissions with the incorporation of applicant-proposed measure (APM) AIR-1, which would require at least 75 percent of construction equipment with a rating between 100 and 750 horsepower (hp) to comply with U.S. EPA Tier 4 non-road engine standards. To estimate the effectiveness of APM AIR-1, off-road emissions for each phase of construction assuming all equipment between 100 and 750 hp included a U.S. EPA Tier 4 engine. The difference between this scenario and the uncontrolled scenario was calculated, and 75 percent of this change was applied to calculate the controlled emissions.

1.1.1 On-Road Vehicle Exhaust

Exhaust emissions from on-road vehicle use were calculated using the following equation:

$$E_{i,j} = EF_{mile,i,j} \times VMT_j \times N_j + EF_{trip,i,j} \times Daily\ Trips_j \times N_j$$

Where:

$E_{i,j}$ = Emissions of pollutant i from motor vehicle type j (pounds/day)

$EF_{mile,i,j}$ = Per mile emission factor for pollutant i from motor vehicle type j (pounds/mile)

VMT_j = Daily vehicle-miles-traveled (VMT) for motor vehicle type j (miles/day)

$EF_{trip_{i,j}}$ = Per trip emission factor for pollutant i from motor vehicle type j (pounds/day)

$Daily\ Trips_j$ = Number of daily trips for motor vehicle type j

N_j = Number of motor vehicles of type j

The emission factors were obtained from the California Air Resources Board's EMFAC Model.

1.1.2 On-Road Vehicle Entrained Dust

Entrained road dust emissions for paved and unpaved roads were calculated using the following equation:

$$E_{i,j} = EF_{i,j} \times VMT_j \times N_j$$

Where:

$E_{i,j}$ = Emissions of pollutant i from motor vehicle type j (pounds/day)

$EF_{i,j}$ = Emission factor for pollutant i from motor vehicle type j (pounds/mile)

VMT_j = Daily vehicle-miles-traveled (VMT) for motor vehicle type j (miles/day)

N_j = Number of motor vehicles of type j

The emission factors used for this calculation were calculated using the methods identified in Section 5.1.4 Road Dust Screen from the CalEEMod Guide. Paved emission factors were determined using the following equation:

$$EF_{paved_i} = [k_i \times (sL)^{0.91} \times (W)^{1.02}] \times \left(1 - \frac{P}{4N}\right)$$

Where:

EF_{paved_i} = paved road dust emission factor for pollutant i (g/mile)

k_i = particle size multiplier for pollutant i (grams/VMT) (the U.S. EPA's AP-42 default values are 0.2 for PM_{2.5} and 1.0 for PM₁₀)

sL = road surface silt loading (grams/meter²) (the U.S. EPA's AP-42 default value is 0.1)

W = average weight (short tons) of all vehicles traveling on the road (the statewide default is 2.4)

P = number of "wet" days with at least 0.01 inch of precipitation

N = number of days in the averaging period

Unpaved emission factors were determined using the following equation:

$$EF_{unpaved_i} = \left(\frac{k(S/12)^1(S/30)^{0.5}}{(M/0.5)^{0.2}} - C \right) \times \left(1 - \frac{P}{365} \right)$$

Where:

$EF_{unpaved_i}$ = unpaved road dust emission factor for pollutant i (grams/mile)

k_i = particle size multiplier for pollutant i (grams/VMT) (the U.S. EPA’s AP-42 default values are 81.65 for PM_{2.5} and 816.47 for PM₁₀)

s = surface material silt content (%) (the U.S. EPA’s AP-42 default value is 8.5)

M = surface material moisture content (%) (the CalEEMod default value is 0.5)

S = mean vehicle speed (miles/hour) (the CalEEMod default value is 40)

C = emission factor for vehicle fleet exhaust, brakewear, and tirewear

P = number of “wet” days with at least 0.01 inch of precipitation

Measures C-10-C and C-11 from CalEEMod were applied to evaluate the effectiveness of applicant-proposed measure AIR-2 and Construction Measure AIR-2, resulting in 55-percent and 44-percent reductions in dust emissions, respectively.

1.1.3 Earthwork Fugitive Dust

The following equations were used to calculate emissions from grading:

$$E_i = EF_i \times A$$

$$EF_{PM10} = 0.051 \times S^2 \times F \times \frac{1}{Wb}$$

$$EF_{PM2.5} = 0.04 \times S^{2.5} \times F \times \frac{1}{Wb}$$

Where:

E_i = emissions for pollutant i (pounds)

A = area graded (acres)

EF_i = emission factor for pollutant i (pounds/acre)

S = mean vehicle speed (miles/hour) (the U.S. EPA’s AP-42 default value is 7.1)

F = scaling factor (the U.S. EPA's AP-42 default value is 0.031 for $PM_{2.5}$ and 0.6 for PM_{10})

Wb = blade width of the grading equipment (feet) (the CalEEMod default is 12)

The daily graded area was determined by comparing the average daily use, by grading equipment, against standard grading efficiency values contained in Table G-14 from Appendix G of the CalEEMod Guide. Consistent with the CalEEMod Guide Section 4.4.4 Emissions Control, a 61 percent reduction in fugitive dust emissions would result from water two times daily, consistent with APM AIR-2.

The following equations were used to calculate emissions from bulldozing:

$$E_{PM_{2.5}} = \left(\frac{C_{TSP} \times S^{1.2}}{M^{1.3}} \right) \times F_{PM_{2.5}} \times Hr$$

$$E_{PM_{10}} = \left(\frac{C_{PM_{15}} \times S^{1.5}}{M^{1.4}} \right) \times F_{PM_{10}} \times Hr$$

Where:

$E_{PM_{2.5}}$ = emissions of $PM_{2.5}$ (pounds)

C_{TSP} , $C_{PM_{15}}$, S , M , $F_{PM_{2.5}}$, $F_{PM_{10}}$ = constants provided by AP-42

Hr = hours of bulldozer operation (hours/day)

The bulldozing equations and constants were obtained from Appendix C of the CalEEMod Guide.

1.1.4 Helicopter Emissions

Helicopter emissions were calculated using emission factors and methods from Guidance on the Determination of Helicopter Emissions, Edition 2 prepared by Switzerland's Federal Office of Civil Aviation. Dust emissions associated with helicopter use were conservatively included in the exhaust emissions calculations.

1.1.5 Electricity Consumption

The proposed LSPGC Collinsville Substation would consume electricity during daily operation. The following equation was used to calculate the annual GHG emissions due to electricity consumption:

$$E_i = C \times EF_i$$

Where:

E_i = emissions for pollutant i (metric tons)

C = annual electricity consumed (kilowatt hours/year)

EF_i = emission factor for pollutant i (pounds/megawatt hour)

Emission factors were obtained from Table G-3 from the CalEEMod Guide.

1.1.6 Fugitive SF₆ Emissions

The new circuit breakers and gas-insulated switchgear control buildings that would be installed at the proposed LSPGC Collinsville Substation would utilize SF₆ as an insulating medium. The following equation was used to calculate the annual emissions due to the leaking of SF₆ gas during operation:

$$E_i = \frac{L}{100} \times M_i$$

Where:

E_i = SF₆ emissions (pounds of SF₆/year)

L = SF₆ leak rate (percent/year)

M_i = mass of SF₆ in equipment i (pounds)

1.2 EMISSIONS INPUTS

The entirety of the construction process was separated into 39 unique phases of construction. For each phase of construction, the specified off-road equipment, on-road vehicles, and helicopters were assumed to operate for the entire duration of the phase. Work was assumed to occur every day of the week except Sundays and federal holidays.

1.2.0 Off-Road Equipment and Helicopters

Off-road equipment and helicopter assumptions were taken from Table 3-5: Proposed Construction Equipment and Workforce from Chapter 3 – Project Description. Each piece of equipment was conservatively assumed to operate each working day of construction.

1.2.1 On-Road Vehicles

On-road vehicle requirements were taken from proposed construction equipment and workforce estimates within Chapter 3 – Project Description. Required worker commutes for each phase were calculated by subtracting the estimated workforce from the number of 1-ton pickup trucks, 0.5-ton pickup trucks, and welding trucks. The latter three classes of on-road vehicles were assumed to return home with workers each day.

On-road vehicle distances were generally assumed to be 40 miles for each one-way vehicle trip (the approximate distance from the cities of Vallejo, Davis, and Pittsburg to the Proposed Project). Water trucks, concrete trucks, and worker vehicle commutes were assumed to be approximately 60 miles per day, allowing them to originate from locations as far away as the cities of Sacramento or Oakland. The paved and unpaved road distances for each trip type were estimated using aerial imagery. Unless specified, each vehicle was assumed to make one round trip each day.

1.2.2 Earthwork

Fugitive dust emissions were calculated during all off-road equipment use for motor graders and scrapers.

1.2.3 Electricity Consumption

Estimated values for annual electricity consumption at the proposed LSPGC Collinsville Substation were supplied by LSPGC.

1.2.4 Fugitive SF6

The volume of SF₆ contained at the proposed LSPGC Collinsville Substation were supplied by LSPGC. A conservative leak rate of 1 percent was utilized for the calculation of all emissions.

1.3 EMISSIONS SCENARIOS

1.3.0 Bay Area Air Quality Management District

Compliance with Bay Area Air Quality Management District (BAAQMD) thresholds was evaluated by determining the average daily emissions from construction equipment and vehicle exhaust.

First, a daily construction calendar was established that identified each working day of construction. For each of the 663 days of construction, the anticipated exhaust emission for each pollutant was calculated using the following equation:

$$E_i = \sum_{k=1}^{26} EF_{i,k} \times WD_k$$

Where:

$E_{i,l}$ = emissions for pollutant i

k = number of construction phases

$EF_{i,k}$ = daily emissions for pollutant i for phase k (pounds/day)

WD_k = Boolean operator identifying if the current day of construction is considered a working day for phase k (a value of 0 was used for false and 1 for true)

The resulting daily emissions for each year of construction were then summed and divided by the number of working days each year to obtain an average. Lastly, the average daily emissions were compared to the applicable BAAQMD thresholds.

1.3.1 Sacramento Municipal Air Quality Management District

Construction within the jurisdiction of the Sacramento Municipal Air Quality Management District (SMAQMD) would be limited to the installation of a portion of the cables associated with the proposed LSPGC 230 kV Submarine Segment. As a result, the peak daily emissions

within the SMAQMD were assumed to be equal to the emissions associated with that one phase of construction (L-14). Approximately 30 percent of the submarine cable route was determined to be within the jurisdiction of the SMAQMD, with the remainder of the Proposed Project located in the jurisdiction of the BAAQMD. As a result, 30 percent of the total GHG emissions associated with the submarine cable installation (L-14) were associated with the SMAQMD. All remaining GHG emissions were associated with the BAAQMD.

ATTACHMENT A: CALCULATION RESULTS

Table 1: Off-Road Equipment Load Factors

| OFFROAD Equipment Type | Load Factor |
|------------------------------------|--------------------|
| Aerial Lifts | 0.31 |
| Air Compressors | 0.48 |
| Bore/Drill Rigs | 0.5 |
| Cement and Mortar Mixers | 0.56 |
| Concrete/Industrial Saws | 0.73 |
| Cranes | 0.29 |
| Crawler Tractors | 0.43 |
| Crushing/Proc. Equipment | 0.78 |
| Dumpers/Tenders | 0.38 |
| Excavators | 0.38 |
| Forklifts | 0.2 |
| Generator Sets | 0.74 |
| Graders | 0.41 |
| Off-Highway Tractors | 0.44 |
| Off-Highway Trucks | 0.38 |
| Other Construction Equipment | 0.42 |
| Other General Industrial Equipment | 0.34 |
| Other Material Handling Equipment | 0.4 |
| Pavers | 0.42 |
| Paving Equipment | 0.36 |
| Plate Compactors | 0.43 |
| Pressure Washers | 0.3 |
| Pumps | 0.74 |
| Rollers | 0.38 |
| Rough Terrain Forklifts | 0.4 |
| Rubber Tired Dozers | 0.4 |
| Rubber Tired Loaders | 0.36 |
| Scrapers | 0.48 |
| Signal Boards | 0.82 |
| Skid Steer Loaders | 0.37 |
| Surfacing Equipment | 0.3 |
| Sweepers/Scrubbers | 0.46 |
| Tractors/Loaders/Backhoes | 0.37 |
| Trenchers | 0.5 |
| Welders | 0.45 |

Table 2: EMFAC Emissions Inventory - Fuel Consumption

| Region | Calendar Year | Vehicle Category | Model Year | Speed | Fuel | Population | Total VMT | CVMT | EVMT | Trips | Energy Consumption | Fuel Consumption | Efficiency |
|---------------|---------------|------------------|------------|-----------|----------|-------------|-------------|----------|------|----------|--------------------|------------------|-------------|
| Bay Area AQMD | 2026 | HHDT | Aggregate | Aggregate | Gasoline | 16.67019177 | 566686.9881 | 566687 | 0 | 109066.7 | 0 | 146.1053233 | 3.878619718 |
| Bay Area AQMD | 2026 | HHDT | Aggregate | Aggregate | Diesel | 37718.53643 | 1348564029 | 1.35E+09 | 0 | 1.73E+08 | 0 | 223875.9991 | 6.023709709 |
| Bay Area AQMD | 2026 | LDA | Aggregate | Aggregate | Gasoline | 2201973.535 | 27750180514 | 2.78E+10 | 0 | 3.54E+09 | 0 | 885019.7082 | 31.35543792 |
| Bay Area AQMD | 2026 | LDA | Aggregate | Aggregate | Diesel | 7333.286765 | 68824497.23 | 68824497 | 0 | 10664677 | 0 | 1578.529498 | 43.60038714 |
| Bay Area AQMD | 2026 | LDT1 | Aggregate | Aggregate | Gasoline | 206448.5686 | 2305115213 | 2.31E+09 | 0 | 3.18E+08 | 0 | 88281.67976 | 26.11091247 |
| Bay Area AQMD | 2026 | LDT1 | Aggregate | Aggregate | Diesel | 90.0501492 | 358159.7252 | 358159.7 | 0 | 85589.27 | 0 | 14.78529221 | 24.22405457 |
| Bay Area AQMD | 2026 | LDT2 | Aggregate | Aggregate | Gasoline | 1129979.049 | 14334515685 | 1.43E+10 | 0 | 1.84E+09 | 0 | 559544.7591 | 25.61817523 |
| Bay Area AQMD | 2026 | LDT2 | Aggregate | Aggregate | Diesel | 4539.432945 | 57876308.33 | 57876308 | 0 | 7418736 | 0 | 1725.518581 | 33.54139966 |
| Bay Area AQMD | 2026 | MHDT | Aggregate | Aggregate | Gasoline | 6383.175456 | 109682894.3 | 1.1E+08 | 0 | 41762666 | 0 | 22576.56378 | 4.858263436 |
| Bay Area AQMD | 2026 | MHDT | Aggregate | Aggregate | Diesel | 48424.69575 | 621444878.8 | 6.21E+08 | 0 | 1.8E+08 | 0 | 72799.62934 | 8.536374216 |
| Bay Area AQMD | 2027 | HHDT | Aggregate | Aggregate | Gasoline | 15.9155131 | 539319.5728 | 539319.6 | 0 | 104129.1 | 0 | 137.1672886 | 3.93183811 |
| Bay Area AQMD | 2027 | HHDT | Aggregate | Aggregate | Diesel | 38306.74535 | 1355696519 | 1.36E+09 | 0 | 1.76E+08 | 0 | 221358.0293 | 6.12445152 |
| Bay Area AQMD | 2027 | LDA | Aggregate | Aggregate | Gasoline | 2197108.395 | 27663299327 | 2.77E+10 | 0 | 3.53E+09 | 0 | 864490.5315 | 31.99953998 |
| Bay Area AQMD | 2027 | LDA | Aggregate | Aggregate | Diesel | 6597.393169 | 61521432.62 | 61521433 | 0 | 9607141 | 0 | 1394.021831 | 44.13233082 |
| Bay Area AQMD | 2027 | LDT1 | Aggregate | Aggregate | Gasoline | 202253.5734 | 2250002690 | 2.25E+09 | 0 | 3.11E+08 | 0 | 84660.27586 | 26.57684099 |
| Bay Area AQMD | 2027 | LDT1 | Aggregate | Aggregate | Diesel | 34.53976288 | 142497.7358 | 142497.7 | 0 | 33406.55 | 0 | 5.612282324 | 25.39033634 |
| Bay Area AQMD | 2027 | LDT2 | Aggregate | Aggregate | Gasoline | 1152289.587 | 14515768034 | 1.45E+10 | 0 | 1.87E+09 | 0 | 554665.4449 | 26.17031252 |
| Bay Area AQMD | 2027 | LDT2 | Aggregate | Aggregate | Diesel | 4608.748126 | 58129232.14 | 58129232 | 0 | 7514367 | 0 | 1699.606934 | 34.20157389 |
| Bay Area AQMD | 2027 | MHDT | Aggregate | Aggregate | Gasoline | 6299.244031 | 108346472.5 | 1.08E+08 | 0 | 41213535 | 0 | 22065.49329 | 4.910222085 |
| Bay Area AQMD | 2027 | MHDT | Aggregate | Aggregate | Diesel | 48915.06097 | 620351542.6 | 6.2E+08 | 0 | 1.82E+08 | 0 | 72294.42001 | 8.580904896 |
| Bay Area AQMD | 2028 | HHDT | Aggregate | Aggregate | Gasoline | 14.86151985 | 510247.8572 | 510247.9 | 0 | 97233.22 | 0 | 127.9855618 | 3.986761086 |
| Bay Area AQMD | 2028 | HHDT | Aggregate | Aggregate | Diesel | 38742.94565 | 1359986091 | 1.36E+09 | 0 | 1.78E+08 | 0 | 218150.4913 | 6.234164696 |
| Bay Area AQMD | 2028 | LDA | Aggregate | Aggregate | Gasoline | 2193417.476 | 27597401453 | 2.76E+10 | 0 | 3.52E+09 | 0 | 846136.7712 | 32.61576898 |
| Bay Area AQMD | 2028 | LDA | Aggregate | Aggregate | Diesel | 5845.574089 | 54712768.94 | 54712769 | 0 | 8561466 | 0 | 1222.076326 | 44.770337 |
| Bay Area AQMD | 2028 | LDT1 | Aggregate | Aggregate | Gasoline | 198343.875 | 2198627793 | 2.2E+09 | 0 | 3.05E+08 | 0 | 81315.9728 | 27.03808019 |
| Bay Area AQMD | 2028 | LDT1 | Aggregate | Aggregate | Diesel | 21.12239241 | 89335.94242 | 89335.94 | 0 | 20559.28 | 0 | 3.401006525 | 26.26750104 |
| Bay Area AQMD | 2028 | LDT2 | Aggregate | Aggregate | Gasoline | 1173914.965 | 14681308974 | 1.47E+10 | 0 | 1.9E+09 | 0 | 550086.4357 | 26.6890947 |
| Bay Area AQMD | 2028 | LDT2 | Aggregate | Aggregate | Diesel | 4666.407485 | 58285525.47 | 58285525 | 0 | 7591527 | 0 | 1672.576075 | 34.8477575 |
| Bay Area AQMD | 2028 | MHDT | Aggregate | Aggregate | Gasoline | 6200.947223 | 106413908 | 1.06E+08 | 0 | 40570417 | 0 | 21461.06542 | 4.958463426 |
| Bay Area AQMD | 2028 | MHDT | Aggregate | Aggregate | Diesel | 49153.38842 | 615866247.9 | 6.16E+08 | 0 | 1.83E+08 | 0 | 71398.1466 | 8.62580161 |

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: Air District

Region: Bay Area AQMD

Calendar Year: 2026, 2027, 2028

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/year for CVMT and EVMT, trips/year for Trips, kWh/year for Energy Consumption, tons/year for Emissions, 1000 gallons/year for Fuel Consumption

Table 3: On-Road Fuel Efficiency (miles/gallon)

| Vehicle Category | Year | Fuel | Efficiency | Lookup |
|-------------------------|-------------|-------------|-------------------|--------------------|
| passenger | 2026 | Gasoline | 27.30 | passenger_Gasoline |
| vendor | 2026 | Gasoline | 4.86 | vendor_Gasoline |
| hhdt | 2026 | Gasoline | 3.88 | hhdt_Gasoline |
| passenger | 2026 | Diesel | 31.40 | passenger_Diesel |
| vendor | 2026 | Diesel | 8.54 | vendor_Diesel |
| hhdt | 2026 | Diesel | 6.02 | hhdt_Diesel |

Table 4: EMFAC On-Road Emissions

| Region | Calendar Year | Vehicle Category | Model Year | Speed | Fuel | Population | Total VMT | CVMT | EVMT | Trips | NO _x RUNEX |
|---------------|---------------|------------------|------------|-----------|----------|-------------|-------------|----------|------|----------|-----------------------|
| Bay Area AQMD | 2026 | HHDT | Aggregate | Aggregate | Gasoline | 16.67019177 | 566686.9881 | 566687 | 0 | 109066.7 | 2.4965788 |
| Bay Area AQMD | 2026 | HHDT | Aggregate | Aggregate | Diesel | 37718.53643 | 1348564029 | 1.35E+09 | 0 | 1.73E+08 | 2677.565244 |
| Bay Area AQMD | 2026 | LDA | Aggregate | Aggregate | Gasoline | 2201973.535 | 27750180514 | 2.78E+10 | 0 | 3.54E+09 | 1098.678565 |
| Bay Area AQMD | 2026 | LDA | Aggregate | Aggregate | Diesel | 7333.286765 | 68824497.23 | 68824497 | 0 | 10664677 | 13.66233797 |
| Bay Area AQMD | 2026 | LDT1 | Aggregate | Aggregate | Gasoline | 206448.5686 | 2305115213 | 2.31E+09 | 0 | 3.18E+08 | 257.3413214 |
| Bay Area AQMD | 2026 | LDT1 | Aggregate | Aggregate | Diesel | 90.0501492 | 358159.7252 | 358159.7 | 0 | 85589.27 | 0.633574578 |
| Bay Area AQMD | 2026 | LDT2 | Aggregate | Aggregate | Gasoline | 1129979.049 | 14334515685 | 1.43E+10 | 0 | 1.84E+09 | 851.6892463 |
| Bay Area AQMD | 2026 | LDT2 | Aggregate | Aggregate | Diesel | 4539.432945 | 57876308.33 | 57876308 | 0 | 7418736 | 2.54524009 |
| Bay Area AQMD | 2026 | MHDT | Aggregate | Aggregate | Gasoline | 6383.175456 | 109682894.3 | 1.1E+08 | 0 | 41762666 | 41.77593421 |
| Bay Area AQMD | 2026 | MHDT | Aggregate | Aggregate | Diesel | 48424.69575 | 621444878.8 | 6.21E+08 | 0 | 1.8E+08 | 701.4331538 |
| Bay Area AQMD | 2027 | HHDT | Aggregate | Aggregate | Gasoline | 15.9155131 | 539319.5728 | 539319.6 | 0 | 104129.1 | 2.29387698 |
| Bay Area AQMD | 2027 | HHDT | Aggregate | Aggregate | Diesel | 38306.74535 | 1355696519 | 1.36E+09 | 0 | 1.76E+08 | 2603.161544 |
| Bay Area AQMD | 2027 | LDA | Aggregate | Aggregate | Gasoline | 2197108.395 | 27663299327 | 2.77E+10 | 0 | 3.53E+09 | 1013.086443 |
| Bay Area AQMD | 2027 | LDA | Aggregate | Aggregate | Diesel | 6597.393169 | 61521432.62 | 61521433 | 0 | 9607141 | 10.60046684 |
| Bay Area AQMD | 2027 | LDT1 | Aggregate | Aggregate | Gasoline | 202253.5734 | 2250002690 | 2.25E+09 | 0 | 3.11E+08 | 225.9047184 |
| Bay Area AQMD | 2027 | LDT1 | Aggregate | Aggregate | Diesel | 34.53976288 | 142497.7358 | 142497.7 | 0 | 33406.55 | 0.20537484 |
| Bay Area AQMD | 2027 | LDT2 | Aggregate | Aggregate | Gasoline | 1152289.587 | 14515768034 | 1.45E+10 | 0 | 1.87E+09 | 792.1162538 |
| Bay Area AQMD | 2027 | LDT2 | Aggregate | Aggregate | Diesel | 4608.748126 | 58129232.14 | 58129232 | 0 | 7514367 | 2.355312219 |
| Bay Area AQMD | 2027 | MHDT | Aggregate | Aggregate | Gasoline | 6299.244031 | 108346472.5 | 1.08E+08 | 0 | 41213535 | 35.50234782 |
| Bay Area AQMD | 2027 | MHDT | Aggregate | Aggregate | Diesel | 48915.06097 | 620351542.6 | 6.2E+08 | 0 | 1.82E+08 | 641.7191243 |
| Bay Area AQMD | 2028 | HHDT | Aggregate | Aggregate | Gasoline | 14.86151985 | 510247.8572 | 510247.9 | 0 | 97233.22 | 2.087315391 |
| Bay Area AQMD | 2028 | HHDT | Aggregate | Aggregate | Diesel | 38742.94565 | 1359986091 | 1.36E+09 | 0 | 1.78E+08 | 2525.315627 |
| Bay Area AQMD | 2028 | LDA | Aggregate | Aggregate | Gasoline | 2193417.476 | 27597401453 | 2.76E+10 | 0 | 3.52E+09 | 944.2146789 |
| Bay Area AQMD | 2028 | LDA | Aggregate | Aggregate | Diesel | 5845.574089 | 54712768.94 | 54712769 | 0 | 8561466 | 8.004830867 |
| Bay Area AQMD | 2028 | LDT1 | Aggregate | Aggregate | Gasoline | 198343.875 | 2198627793 | 2.2E+09 | 0 | 3.05E+08 | 198.6974403 |
| Bay Area AQMD | 2028 | LDT1 | Aggregate | Aggregate | Diesel | 21.12239241 | 89335.94242 | 89335.94 | 0 | 20559.28 | 0.114630093 |
| Bay Area AQMD | 2028 | LDT2 | Aggregate | Aggregate | Gasoline | 1173914.965 | 14681308974 | 1.47E+10 | 0 | 1.9E+09 | 741.0536972 |
| Bay Area AQMD | 2028 | LDT2 | Aggregate | Aggregate | Diesel | 4666.407485 | 58285525.47 | 58285525 | 0 | 7591527 | 2.227340322 |
| Bay Area AQMD | 2028 | MHDT | Aggregate | Aggregate | Gasoline | 6200.947223 | 106413908 | 1.06E+08 | 0 | 40570417 | 30.03019881 |
| Bay Area AQMD | 2028 | MHDT | Aggregate | Aggregate | Diesel | 49153.38842 | 615866247.9 | 6.16E+08 | 0 | 1.83E+08 | 585.7035256 |

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: Air District

Region: Bay Area AQMD

Calendar Year: 2026, 2027, 2028

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/year for CVMT and EVMT, trips/year for Trips, kWh/year for Energy Consumption, tons/year for Emissions, 1000 gallons/year for Fuel Consumption

| NOx_IDLEX | NOx_STREX | PM2.5_RUNEX | PM2.5_IDLEX | PM2.5_STREX | PM2.5_PMTW | PM2.5_PMBW | PM10_RUNEX | PM10_IDLEX |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 0 | 0.013934739 | 0.000879047 | 0 | 7.83063E-05 | 0.003123327 | 0.019720632 | 0.000956044 | 0 |
| 777.8138631 | 562.1145829 | 38.06233285 | 0.375834672 | 0 | 13.08426783 | 41.17753767 | 39.78334265 | 0.392828248 |
| 0 | 940.8186436 | 34.31026726 | 0 | 7.206496492 | 61.17867572 | 78.40030258 | 37.31554614 | 0 |
| 0 | 0 | 1.110294784 | 0 | 0 | 0.151732044 | 0.200233403 | 1.160497387 | 0 |
| 0 | 124.2761633 | 3.919454932 | 0 | 0.865657457 | 5.081909145 | 7.967121157 | 4.262764853 | 0 |
| 0 | 0 | 0.093137552 | 0 | 0 | 0.000789607 | 0.001455458 | 0.097348819 | 0 |
| 0 | 599.8384108 | 18.35819433 | 0 | 3.776721039 | 31.60219755 | 47.64176982 | 19.96621135 | 0 |
| 0 | 0 | 0.296925446 | 0 | 0 | 0.127595419 | 0.19417608 | 0.310351098 | 0 |
| 0.193930025 | 18.97874156 | 0.157309271 | 0 | 0.022201105 | 0.362714085 | 1.904986402 | 0.171088185 | 0 |
| 199.7981395 | 326.6133808 | 7.035942803 | 0.319810305 | 0 | 2.055077157 | 10.92722678 | 7.354076915 | 0.334270708 |
| 0 | 0.012124662 | 0.000832548 | 0 | 6.96174E-05 | 0.00297249 | 0.018778113 | 0.000905472 | 0 |
| 771.8423564 | 572.2488519 | 38.03654294 | 0.367901885 | 0 | 13.15643864 | 41.62566068 | 39.75638663 | 0.384536776 |
| 0 | 901.3139489 | 32.6414504 | 0 | 6.938481495 | 60.98713549 | 78.14869824 | 35.50055555 | 0 |
| 0 | 0 | 0.862564322 | 0 | 0 | 0.135631542 | 0.179232601 | 0.901565653 | 0 |
| 0 | 115.3166423 | 3.604221049 | 0 | 0.804161177 | 4.960406829 | 7.772789083 | 3.919919243 | 0 |
| 0 | 0 | 0.030922421 | 0 | 0 | 0.000314154 | 0.000570668 | 0.032320595 | 0 |
| 0 | 582.7992973 | 17.73740867 | 0 | 3.706993895 | 32.00179058 | 48.28969214 | 19.2910503 | 0 |
| 0 | 0 | 0.283336875 | 0 | 0 | 0.12815302 | 0.195246878 | 0.296148111 | 0 |
| 0.186505085 | 18.13380737 | 0.155480046 | 0 | 0.021425088 | 0.358294626 | 1.881775259 | 0.169098736 | 0 |
| 192.2201789 | 328.3921236 | 6.147160591 | 0.267159009 | 0 | 2.051461566 | 10.90810777 | 6.425107915 | 0.279238754 |
| 0 | 0.009834695 | 0.000774377 | 0 | 5.94927E-05 | 0.00281226 | 0.01776852 | 0.000842206 | 0 |
| 764.2144917 | 576.2102381 | 37.92836029 | 0.358082275 | 0 | 13.20197094 | 41.9813985 | 39.64331244 | 0.374273167 |
| 0 | 867.7325808 | 30.75339027 | 0 | 6.627544954 | 60.84185555 | 77.95621734 | 33.44711788 | 0 |
| 0 | 0 | 0.630793095 | 0 | 0 | 0.120621008 | 0.159526941 | 0.659314759 | 0 |
| 0 | 107.2254586 | 3.301241728 | 0 | 0.746391843 | 4.84714457 | 7.590135432 | 3.590401587 | 0 |
| 0 | 0 | 0.017018325 | 0 | 0 | 0.000196952 | 0.000350508 | 0.017787818 | 0 |
| 0 | 569.1796435 | 16.94266981 | 0 | 3.60186984 | 32.36674588 | 48.88850237 | 18.42669928 | 0 |
| 0 | 0 | 0.274925644 | 0 | 0 | 0.128497588 | 0.195880775 | 0.287356562 | 0 |
| 0.178401201 | 17.067087 | 0.153040405 | 0 | 0.020728619 | 0.351903763 | 1.848210234 | 0.166445405 | 0 |
| 184.23239 | 324.5501484 | 5.383814529 | 0.223171027 | 0 | 2.036628993 | 10.82937612 | 5.627246732 | 0.233261831 |

| PM10_STREX | PM10_PMTW | PM10_PMBW | CO2_RUNEX | CO2_IDLEX | CO2_STREX | CH4_RUNEX | CH4_IDLEX | CH4_STREX | N2O_RUNEX | N2O_IDLEX |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 8.51653E-05 | 0.01249331 | 0.056344662 | 1379.26997 | 0 | 6.287682947 | 0.072886199 | 0 | 1.48451E-05 | 0.095113372 | 0 |
| 0 | 52.33707133 | 117.6501076 | 2355807.945 | 150371.2987 | 0 | 1.115885907 | 3.065712397 | 0 | 371.1585011 | 23.69105936 |
| 7.837722462 | 244.7147029 | 224.0008645 | 8130441.517 | 0 | 262447.9549 | 60.36890577 | 0 | 255.8341023 | 130.1214785 | 0 |
| 0 | 0.606928174 | 0.572095437 | 17670.84404 | 0 | 0 | 0.088514242 | 0 | 0 | 2.784048675 | 0 |
| 0.941481468 | 20.32763658 | 22.76320331 | 808023.107 | 0 | 29176.7585 | 12.33775629 | 0 | 33.56919811 | 20.10432847 | 0 |
| 0 | 0.003158428 | 0.004158451 | 165.5139121 | 0 | 0 | 0.005503532 | 0 | 0 | 0.026076784 | 0 |
| 4.107528721 | 126.4087902 | 136.1193423 | 5138844.497 | 0 | 167474.9833 | 37.23394584 | 0 | 150.5969466 | 81.12236993 | 0 |
| 0 | 0.510381674 | 0.5547888 | 19316.31291 | 0 | 0 | 0.039106158 | 0 | 0 | 3.043292966 | 0 |
| 0.024145727 | 1.45085634 | 5.442818291 | 210822.3259 | 1210.456662 | 2067.087446 | 1.320837774 | 0.607681921 | 2.075941225 | 2.195044357 | 0.016533032 |
| 0 | 8.220308628 | 31.22064793 | 778025.4263 | 36929.82015 | 0 | 0.743882214 | 0.171129701 | 0 | 122.5782228 | 5.818308204 |
| 7.57153E-05 | 0.011889961 | 0.05365175 | 1294.876692 | 0 | 5.919077478 | 0.066709458 | 0 | 1.39055E-05 | 0.088682842 | 0 |
| 0 | 52.62575458 | 118.9304591 | 2328106.684 | 149885.1543 | 0 | 1.085332728 | 3.108331705 | 0 | 366.7941561 | 23.6144671 |
| 7.546231699 | 243.948542 | 223.281995 | 7942056.016 | 0 | 256149.5315 | 55.46240075 | 0 | 241.4743199 | 124.3815208 | 0 |
| 0 | 0.542526168 | 0.512093144 | 15605.37348 | 0 | 0 | 0.071177155 | 0 | 0 | 2.458632947 | 0 |
| 0.874598652 | 19.84162732 | 22.20796881 | 774902.4146 | 0 | 27954.66462 | 10.82454643 | 0 | 30.81280566 | 18.17672776 | 0 |
| 0 | 0.001256615 | 0.001630481 | 62.82667874 | 0 | 0 | 0.001883601 | 0 | 0 | 0.009898369 | 0 |
| 4.03169409 | 128.0071623 | 137.970549 | 5093336.899 | 0 | 166710.6797 | 35.2554876 | 0 | 145.9257074 | 78.31098091 | 0 |
| 0 | 0.512612081 | 0.557848222 | 19026.24506 | 0 | 0 | 0.038341624 | 0 | 0 | 2.997592657 | 0 |
| 0.023301738 | 1.433178506 | 5.376500739 | 206061.2063 | 1184.308898 | 2007.730403 | 1.123944193 | 0.603980898 | 1.995362484 | 1.947742156 | 0.016100961 |
| 0 | 8.205846266 | 31.1660222 | 772314.0822 | 36985.5998 | 0 | 0.6493946 | 0.166132169 | 0 | 121.6783982 | 5.827096311 |
| 6.47038E-05 | 0.01124904 | 0.050767201 | 1208.237691 | 0 | 5.48519505 | 0.061134064 | 0 | 1.2444E-05 | 0.081980532 | 0 |
| 0 | 52.80788376 | 119.9468528 | 2293198.874 | 148886.1892 | 0 | 1.053412344 | 3.141649083 | 0 | 361.2944165 | 23.45707974 |
| 7.20805984 | 243.3674222 | 222.7320495 | 7773735.028 | 0 | 250416.6756 | 51.38966499 | 0 | 228.5634474 | 119.7300184 | 0 |
| 0 | 0.482484032 | 0.455791259 | 13680.53 | 0 | 0 | 0.057747872 | 0 | 0 | 2.155373073 | 0 |
| 0.811769231 | 19.38857828 | 21.68610123 | 744311.4552 | 0 | 26830.66258 | 9.56390726 | 0 | 28.36101455 | 16.51051972 | 0 |
| 0 | 0.000787808 | 0.001001452 | 38.072558 | 0 | 0 | 0.001279248 | 0 | 0 | 0.005998347 | 0 |
| 3.917362089 | 129.4669835 | 139.6814353 | 5050582.322 | 0 | 166041.2316 | 33.55133315 | 0 | 141.6320721 | 75.916354 | 0 |
| 0 | 0.513990352 | 0.559659358 | 18723.64818 | 0 | 0 | 0.037978388 | 0 | 0 | 2.949918396 | 0 |
| 0.022544264 | 1.407615053 | 5.280600668 | 200418.4863 | 1156.183194 | 1946.617499 | 0.962329224 | 0.597933961 | 1.917913415 | 1.713772648 | 0.015595007 |
| 0 | 8.146515972 | 30.94107464 | 762405.2734 | 36861.07842 | 0 | 0.568296257 | 0.161521379 | 0 | 120.1172613 | 5.807477916 |

| N2O_STREX | ROG_RUNEX | ROG_IDLEX | ROG_STREX | ROG_HOTSOAK | ROG_RUNLOSS | ROG_DIURN | TOG_RUNEX | TOG_IDLEX | TOG_STREX |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 0.000469916 | 0.363921998 | 0 | 8.05097E-05 | 0.00657775 | 0.054435275 | 0.021213233 | 0.531034125 | 0 | 8.8148E-05 |
| 0 | 24.02471758 | 66.00394721 | 0 | 0 | 0 | 0 | 27.35031217 | 75.1404696 | 0 |
| 123.6650309 | 224.5504966 | 0 | 1159.041195 | 339.6712782 | 899.2120944 | 1169.347113 | 327.6635575 | 0 | 1269.004217 |
| 0 | 1.905659522 | 0 | 0 | 0 | 0 | 0 | 2.169466669 | 0 | 0 |
| 13.03026186 | 53.76403543 | 0 | 170.068811 | 54.4213514 | 154.2063636 | 194.1789441 | 78.4523543 | 0 | 186.2039411 |
| 0 | 0.118487798 | 0 | 0 | 0 | 0 | 0 | 0.13489048 | 0 | 0 |
| 70.92666797 | 140.9293489 | 0 | 684.2905867 | 152.8500682 | 421.6525586 | 555.1105981 | 205.6437751 | 0 | 749.2120593 |
| 0 | 0.841932547 | 0 | 0 | 0 | 0 | 0 | 0.95848423 | 0 | 0 |
| 1.489827077 | 6.430756477 | 2.340630993 | 11.25653442 | 1.389377986 | 11.33581914 | 5.593171737 | 9.383744756 | 3.415443251 | 12.3244883 |
| 0 | 16.01558009 | 3.68437554 | 0 | 0 | 0 | 0 | 18.2325188 | 4.194381093 | 0 |
| 0.000428721 | 0.329252399 | 0 | 7.53825E-05 | 0.005899188 | 0.049017823 | 0.019646806 | 0.480444327 | 0 | 8.25344E-05 |
| 0 | 23.366916 | 66.92152923 | 0 | 0 | 0 | 0 | 26.60145515 | 76.18506687 | 0 |
| 120.3969663 | 202.8761847 | 0 | 1084.037553 | 326.8392802 | 886.226034 | 1151.397124 | 296.0364524 | 0 | 1186.88467 |
| 0 | 1.53240224 | 0 | 0 | 0 | 0 | 0 | 1.744538069 | 0 | 0 |
| 12.40483261 | 46.72268947 | 0 | 154.4245762 | 50.59842008 | 143.8911084 | 183.1154726 | 68.1776388 | 0 | 169.0754731 |
| 0 | 0.040552815 | 0 | 0 | 0 | 0 | 0 | 0.046166684 | 0 | 0 |
| 70.54811964 | 131.6450132 | 0 | 657.5018361 | 150.4353291 | 422.5970054 | 555.859067 | 192.0960942 | 0 | 719.8817493 |
| 0 | 0.825472594 | 0 | 0 | 0 | 0 | 0 | 0.939745667 | 0 | 0 |
| 1.455444201 | 5.397432729 | 2.313722046 | 10.69561068 | 1.296168606 | 10.75466159 | 5.373085499 | 7.875921168 | 3.376177778 | 11.71034742 |
| 0 | 13.98128766 | 3.576780041 | 0 | 0 | 0 | 0 | 15.91663173 | 4.071891807 | 0 |
| 0.00033368 | 0.297522953 | 0 | 6.74402E-05 | 0.004668465 | 0.038108171 | 0.015621245 | 0.434144794 | 0 | 7.38386E-05 |
| 0 | 22.67967889 | 67.63884325 | 0 | 0 | 0 | 0 | 25.81908801 | 77.00167429 | 0 |
| 117.567182 | 184.9278297 | 0 | 1017.278274 | 312.5838374 | 865.3677633 | 1124.482596 | 269.846255 | 0 | 1113.791663 |
| 0 | 1.243277687 | 0 | 0 | 0 | 0 | 0 | 1.415388988 | 0 | 0 |
| 11.83397689 | 40.89127244 | 0 | 140.6430453 | 47.6876891 | 138.1925935 | 177.2664421 | 59.66844875 | 0 | 153.9864316 |
| 0 | 0.027541464 | 0 | 0 | 0 | 0 | 0 | 0.031354126 | 0 | 0 |
| 70.37156068 | 123.6013282 | 0 | 633.031268 | 146.8938357 | 418.7952748 | 550.9924624 | 180.3587679 | 0 | 693.0895574 |
| 0 | 0.817652323 | 0 | 0 | 0 | 0 | 0 | 0.930842809 | 0 | 0 |
| 1.39438192 | 4.552558831 | 2.280942084 | 10.16844859 | 1.193490761 | 10.01885313 | 5.050611273 | 6.643083159 | 3.328345335 | 11.13317128 |
| 0 | 12.23526257 | 3.477511001 | 0 | 0 | 0 | 0 | 13.92891508 | 3.958881562 | 0 |

| TOG_HOTSOAK | TOG_RUNLOSS | TOG_DIURN | NH3_RUNEX | CO_RUNEX | CO_IDLEX | CO_STREX | SOx_RUNEX | SOx_IDLEX | SOx_STREX |
|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|
| 0.00657775 | 0.054435275 | 0.021213233 | 0.028074021 | 20.13130166 | 0 | 0.562290044 | 0.013635488 | 0 | 6.21601E-05 |
| 0 | 0 | 0 | 320.3095125 | 112.8474577 | 962.465791 | 0 | 22.30809249 | 1.423926279 | 0 |
| 339.6712782 | 899.2120944 | 1169.347113 | 1115.660399 | 19829.51148 | 0 | 11683.60557 | 80.37769182 | 0 | 2.594565226 |
| 0 | 0 | 0 | 0.2351846 | 24.93573649 | 0 | 0 | 0.167440228 | 0 | 0 |
| 54.4213514 | 154.2063636 | 194.1789441 | 93.17502004 | 2947.709564 | 0 | 1674.554091 | 7.988131044 | 0 | 0.288441962 |
| 0 | 0 | 0 | 0.001223891 | 0.663838256 | 0 | 0 | 0.001568328 | 0 | 0 |
| 152.8500682 | 421.6525586 | 555.1105981 | 597.9824768 | 11341.2022 | 0 | 6732.716232 | 50.8027096 | 0 | 1.655660712 |
| 0 | 0 | 0 | 0.197772842 | 8.67212781 | 0 | 0 | 0.183031881 | 0 | 0 |
| 1.389377986 | 11.33581914 | 5.593171737 | 5.440251505 | 131.5557342 | 34.9028962 | 243.1565826 | 2.084193325 | 0.011966596 | 0.020435264 |
| 0 | 0 | 0 | 145.847533 | 66.22196671 | 124.807179 | 0 | 7.367435536 | 0.349703313 | 0 |
| 0.005899188 | 0.049017823 | 0.019646806 | 0.026725952 | 18.73311055 | 0 | 0.523096584 | 0.012801174 | 0 | 5.85161E-05 |
| 0 | 0 | 0 | 322.5937688 | 107.9377858 | 977.335726 | 0 | 22.04577811 | 1.419322781 | 0 |
| 326.8392802 | 886.226034 | 1151.397124 | 1136.681422 | 18849.69649 | 0 | 11067.19767 | 78.51530935 | 0 | 2.5322989 |
| 0 | 0 | 0 | 0.21022883 | 21.44990662 | 0 | 0 | 0.147868844 | 0 | 0 |
| 50.59842008 | 143.8911084 | 183.1154726 | 91.9900851 | 2665.80069 | 0 | 1529.258024 | 7.66069928 | 0 | 0.27636032 |
| 0 | 0 | 0 | 0.000486938 | 0.294451338 | 0 | 0 | 0.000595315 | 0 | 0 |
| 150.4353291 | 422.5970054 | 555.859067 | 615.3578168 | 11010.52786 | 0 | 6548.785211 | 50.35282066 | 0 | 1.648104793 |
| 0 | 0 | 0 | 0.198637124 | 8.614906658 | 0 | 0 | 0.180283341 | 0 | 0 |
| 1.296168606 | 10.75466159 | 5.373085499 | 5.374417855 | 108.8042962 | 34.4888727 | 229.8894197 | 2.037124811 | 0.011708099 | 0.019848459 |
| 0 | 0 | 0 | 146.2886173 | 60.69044304 | 126.008847 | 0 | 7.313352523 | 0.350231513 | 0 |
| 0.004668465 | 0.038108171 | 0.015621245 | 0.025310332 | 17.56759368 | 0 | 0.507035384 | 0.01194466 | 0 | 5.42267E-05 |
| 0 | 0 | 0 | 324.1859842 | 103.1664057 | 989.273001 | 0 | 21.71522203 | 1.409863179 | 0 |
| 312.5838374 | 865.3677633 | 1124.482596 | 1156.23429 | 18031.44687 | 0 | 10521.68744 | 76.85128503 | 0 | 2.475623782 |
| 0 | 0 | 0 | 0.186962509 | 18.19478943 | 0 | 0 | 0.129629974 | 0 | 0 |
| 47.6876891 | 138.1925935 | 177.2664421 | 90.88810618 | 2428.572486 | 0 | 1402.024403 | 7.358276502 | 0 | 0.265248415 |
| 0 | 0 | 0 | 0.000305276 | 0.197580081 | 0 | 0 | 0.000360757 | 0 | 0 |
| 146.8938357 | 418.7952748 | 550.9924624 | 631.0563312 | 10740.90042 | 0 | 6389.288547 | 49.93014814 | 0 | 1.641486618 |
| 0 | 0 | 0 | 0.199171204 | 8.568149587 | 0 | 0 | 0.177416082 | 0 | 0 |
| 1.193490761 | 10.01885313 | 5.050611273 | 5.278554936 | 90.05483707 | 33.9893124 | 217.0877696 | 1.981340779 | 0.011430048 | 0.019244296 |
| 0 | 0 | 0 | 145.8098143 | 55.75976531 | 126.614565 | 0 | 7.219522029 | 0.34905237 | 0 |

Table 5: On-Road Exhaust and Wear (grams/mile)

| Region | Calendar Year | Vehicle Category | Fuel | Concat | ROG_Mile | NOx_Mile | CO_Mile | SOx_Mile | PM10_Mile | PM2.5_Mile | CO2_Mile | CH4_Mile | N2O_Mile | TOG_Mile |
|--------|---------------|------------------|----------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| BAAQMD | 2026 | HHDT | Gasoline | HHDT_Gasoline | 0.582587186 | 3.99666639 | 32.22734116 | 0.02182847 | 0.111730258 | 0.037977147 | 2208.014397 | 0.116680403 | 0.152262936 | 0.850109855 |
| BAAQMD | 2026 | HHDT | Diesel | HHDT_Diesel | 0.016161534 | 1.801210008 | 0.075912985 | 0.015006753 | 0.14111356 | 0.062106857 | 1584.762447 | 0.000750661 | 0.249679969 | 0.018398676 |
| BAAQMD | 2026 | LDA | Gasoline | LDA_Gasoline | 0.007340811 | 0.035917053 | 0.64824931 | 0.002627638 | 0.016542733 | 0.005684637 | 265.7933913 | 0.001973528 | 0.004253819 | 0.010711695 |
| BAAQMD | 2026 | LDA | Diesel | LDA_Diesel | 0.025118756 | 0.180085123 | 0.328681313 | 0.002207052 | 0.030837542 | 0.01927425 | 232.9217836 | 0.001166718 | 0.036696922 | 0.028596033 |
| BAAQMD | 2026 | LDT1 | Gasoline | LDT1_Gasoline | 0.021158997 | 0.101277448 | 1.160079933 | 0.003143753 | 0.018636153 | 0.006677998 | 317.9999152 | 0.004855561 | 0.007912119 | 0.030875159 |
| BAAQMD | 2026 | LDT1 | Diesel | LDT1_Diesel | 0.300118481 | 1.604784997 | 1.681440054 | 0.003972429 | 0.265108399 | 0.241595225 | 419.2312195 | 0.01393993 | 0.066050049 | 0.341664937 |
| BAAQMD | 2026 | LDT2 | Gasoline | LDT2_Gasoline | 0.008918961 | 0.05390065 | 0.717747899 | 0.003215139 | 0.017878151 | 0.006176924 | 325.220799 | 0.002356416 | 0.005133972 | 0.013014527 |
| BAAQMD | 2026 | LDT2 | Diesel | LDT2_Diesel | 0.013196913 | 0.039895489 | 0.135931688 | 0.002868942 | 0.02156068 | 0.009697795 | 302.774483 | 0.000612971 | 0.047702243 | 0.015023808 |
| BAAQMD | 2026 | MHDT | Gasoline | MHDT_Gasoline | 0.053188657 | 0.345527907 | 1.088094817 | 0.017238321 | 0.05843251 | 0.020057207 | 1743.707193 | 0.010924623 | 0.018155167 | 0.077612763 |
| BAAQMD | 2026 | MHDT | Diesel | MHDT_Diesel | 0.023379538 | 1.023951854 | 0.096670802 | 0.01075498 | 0.068311372 | 0.029222629 | 1135.761224 | 0.001085919 | 0.178939643 | 0.026615824 |
| BAAQMD | 2026 | passenger | Gasoline | passenger_Gasoline | 0.014644442 | 0.07309315 | 0.921539269 | 0.003032571 | 0.017923298 | 0.00630439 | 306.7535052 | 0.003510266 | 0.006303007 | 0.021369135 |
| BAAQMD | 2026 | passenger | Diesel | passenger_Diesel | 0.159638157 | 0.857387651 | 0.956873277 | 0.003255213 | 0.145653755 | 0.128040624 | 343.5396764 | 0.007414887 | 0.054124816 | 0.181737429 |
| BAAQMD | 2026 | vendor | Gasoline | vendor_Gasoline | 0.053188657 | 0.345527907 | 1.088094817 | 0.017238321 | 0.05843251 | 0.020057207 | 1743.707193 | 0.010924623 | 0.018155167 | 0.077612763 |
| BAAQMD | 2026 | vendor | Diesel | vendor_Diesel | 0.023379538 | 1.023951854 | 0.096670802 | 0.01075498 | 0.068311372 | 0.029222629 | 1135.761224 | 0.001085919 | 0.178939643 | 0.026615824 |
| BAAQMD | 2026 | hhdt | Gasoline | hhdt_Gasoline | 0.582587186 | 3.99666639 | 32.22734116 | 0.02182847 | 0.111730258 | 0.037977147 | 2208.014397 | 0.116680403 | 0.152262936 | 0.850109855 |
| BAAQMD | 2026 | hhdt | Diesel | hhdt_Diesel | 0.016161534 | 1.801210008 | 0.075912985 | 0.015006753 | 0.14111356 | 0.062106857 | 1584.762447 | 0.000750661 | 0.249679969 | 0.018398676 |

Table 6: On-Road Start Up and Evap (grams/trip)

| Region | Calendar Year | Vehicle Category | Fuel | Concat | ROG_Trip | NOx_Trip | CO_Trip | SOx_Trip | PM10_Trip | PM2.5_Trip | CO2_Trip | CH4_Trip | N2O_Trip | TOG_Trip |
|--------|---------------|------------------|----------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| BAAQMD | 2026 | HHDT | Gasoline | HHDT_Gasoline | 0.508158373 | 0.115905136 | 4.676966153 | 0.00051703 | 0.00070838 | 0.000651329 | 52.29913043 | 0.000123478 | 0.003908625 | 0.508221906 |
| BAAQMD | 2026 | HHDT | Diesel | HHDT_Diesel | 0 | 2.950060859 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BAAQMD | 2026 | LDA | Gasoline | LDA_Gasoline | 0.614941463 | 0.241270473 | 2.996229992 | 0.000665369 | 0.002009963 | 0.001848087 | 67.30408939 | 0.065607984 | 0.031713573 | 0.643141192 |
| BAAQMD | 2026 | LDA | Diesel | LDA_Diesel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BAAQMD | 2026 | LDT1 | Gasoline | LDT1_Gasoline | 1.081842533 | 0.355026334 | 4.78378785 | 0.000824008 | 0.00268958 | 0.00247297 | 83.35079982 | 0.095898916 | 0.037224243 | 1.127936619 |
| BAAQMD | 2026 | LDT1 | Diesel | LDT1_Diesel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BAAQMD | 2026 | LDT2 | Gasoline | LDT2_Gasoline | 0.622273878 | 0.296525092 | 3.328261856 | 0.000818462 | 0.002030522 | 0.00186699 | 82.78985472 | 0.074446339 | 0.035062004 | 0.654367264 |
| BAAQMD | 2026 | LDT2 | Diesel | LDT2_Diesel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BAAQMD | 2026 | MHDT | Gasoline | MHDT_Gasoline | 0.520940574 | 0.412263664 | 5.281942611 | 0.000443903 | 0.000524503 | 0.000482261 | 44.90208386 | 0.045094409 | 0.032362608 | 0.544139087 |
| BAAQMD | 2026 | MHDT | Diesel | MHDT_Diesel | 0 | 1.645096047 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BAAQMD | 2026 | passenger | Gasoline | passenger_Gasoline | 0.850225102 | 0.311962058 | 3.973016887 | 0.000782962 | 0.002354912 | 0.002165254 | 79.19888594 | 0.082963039 | 0.035306016 | 0.888345423 |
| BAAQMD | 2026 | passenger | Diesel | passenger_Diesel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BAAQMD | 2026 | vendor | Gasoline | vendor_Gasoline | 0.520940574 | 0.412263664 | 5.281942611 | 0.000443903 | 0.000524503 | 0.000482261 | 44.90208386 | 0.045094409 | 0.032362608 | 0.544139087 |
| BAAQMD | 2026 | vendor | Diesel | vendor_Diesel | 0 | 1.645096047 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BAAQMD | 2026 | hhdt | Gasoline | hhdt_Gasoline | 0.508158373 | 0.115905136 | 4.676966153 | 0.00051703 | 0.00070838 | 0.000651329 | 52.29913043 | 0.000123478 | 0.003908625 | 0.508221906 |
| BAAQMD | 2026 | hhdt | Diesel | hhdt_Diesel | 0 | 2.950060859 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Table 7: On-Road Start Idle and Evap (grams/vehicle/day)

| Region | Calendar Year | Vehicle Category | Fuel | Concat | ROG_Vehicle | NOx_Vehicle | CO_Vehicle | SOx_Vehicle | PM10_Vehicle | PM2.5_Vehicle | CO2_Vehicle | CH4_Vehicle | N2O_Vehicle | TOG_Vehicle |
|--------|---------------|------------------|----------|--------------------|-------------|-------------|-------------|-------------|--------------|---------------|-------------|-------------|-------------|-------------|
| BAAQMD | 2026 | HHDT | Gasoline | HHDT_Gasoline | 3.326845612 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.326845612 |
| BAAQMD | 2026 | HHDT | Diesel | HHDT_Diesel | 4.574898483 | 53.91222211 | 66.71090858 | 0.098695888 | 0.027227907 | 0.02605004 | 10422.6104 | 0.212492185 | 1.642086513 | 5.208173676 |
| BAAQMD | 2026 | LDA | Gasoline | LDA_Gasoline | 1.388346081 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.388346081 |
| BAAQMD | 2026 | LDA | Diesel | LDA_Diesel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BAAQMD | 2026 | LDT1 | Gasoline | LDT1_Gasoline | 2.458989334 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.458989334 |
| BAAQMD | 2026 | LDT1 | Diesel | LDT1_Diesel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BAAQMD | 2026 | LDT2 | Gasoline | LDT2_Gasoline | 1.284326706 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.284326706 |
| BAAQMD | 2026 | LDT2 | Diesel | LDT2_Diesel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BAAQMD | 2026 | MHDT | Gasoline | MHDT_Gasoline | 3.24945855 | 0.079428188 | 14.29522746 | 0.004901175 | 0 | 0 | 495.7684081 | 0.248889124 | 0.006771457 | 3.689670892 |
| BAAQMD | 2026 | MHDT | Diesel | MHDT_Diesel | 0.198913095 | 10.78675774 | 6.738124844 | 0.01887988 | 0.0180467 | 0.017266008 | 1993.777441 | 0.009238998 | 0.314120448 | 0.226447418 |
| BAAQMD | 2026 | passenger | Gasoline | passenger_Gasoline | 1.897662864 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.897662864 |
| BAAQMD | 2026 | passenger | Diesel | passenger_Diesel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BAAQMD | 2026 | vendor | Gasoline | vendor_Gasoline | 3.24945855 | 0.079428188 | 14.29522746 | 0.004901175 | 0 | 0 | 495.7684081 | 0.248889124 | 0.006771457 | 3.689670892 |
| BAAQMD | 2026 | vendor | Diesel | vendor_Diesel | 0.198913095 | 10.78675774 | 6.738124844 | 0.01887988 | 0.0180467 | 0.017266008 | 1993.777441 | 0.009238998 | 0.314120448 | 0.226447418 |
| BAAQMD | 2026 | hhdt | Gasoline | hhdt_Gasoline | 3.326845612 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.326845612 |
| BAAQMD | 2026 | hhdt | Diesel | hhdt_Diesel | 4.574898483 | 53.91222211 | 66.71090858 | 0.098695888 | 0.027227907 | 0.02605004 | 10422.6104 | 0.212492185 | 1.642086513 | 5.208173676 |

Note: Assume 347 days of operation

Table 8: Entrained Road Dust Emission Factors - Paved (pounds/mile)

| Paved | k | sL | W | p | N | | Uncontrolled EF | Controlled EF |
|-------|------|-----|-----|---|-----|--|-----------------|---------------|
| PM10 | 1 | 0.1 | 2.4 | 2 | 365 | | 0.000661537 | 0.000661537 |
| PM2.5 | 0.25 | 0.1 | 2.4 | 2 | 365 | | 0.000165384 | 0.000165384 |

Table 9: Entrained Road Dust Emission Factors - Unpaved (pounds/mile)

| Unpaved | k | s | M | S2 | C | p | Uncontrolled EF | Controlled EF |
|---------|------|-----|-----|----|---------|---|-----------------|---------------|
| PM10 | 1.8 | 8.5 | 0.5 | 40 | 0.00047 | 2 | 1.463708676 | 0.368854586 |
| PM2.5 | 0.18 | 8.5 | 0.5 | 40 | 0.00036 | 2 | 0.146059583 | 0.036807015 |

Table 10: Grading Emission Factor (pounds/acre/day)

| Pollutant | S | F | Wb | UC1 | UC2 | Uncontrolled EF | Controlled EF |
|------------------|----------|----------|-----------|------------|------------|------------------------|----------------------|
| PM10 | 7.1 | 0.6 | 12 | 43560 | 5280 | 1.060500375 | 0.413595146 |
| PM2.5 | 7.1 | 0.031 | 12 | 43560 | 5280 | 0.114509168 | 0.044658576 |

Table 11: Bulldozing Emission Factor (pounds/hour)

| Pollutant | C | s | M | F | Uncontrolled EF | Controlled EF |
|------------------|----------|----------|----------|----------|------------------------|----------------------|
| PM10 | 1 | 6.9 | 7.9 | 0.75 | 0.752760759 | 0.293576696 |
| PM2.5 | 5.7 | 6.9 | 7.9 | 0.105 | 0.413778428 | 0.161373587 |

Table 12: Grading Efficiency by Equipment Type

| Equipment | Acres Graded per 8 hours |
|---------------------|---------------------------------|
| Crawler Tractors | 0.5 |
| Graders | 0.5 |
| Rubber Tired Dozers | 0.5 |
| Scrapers | 1 |

Table 13: Global Warming Potentials

| Pollutant | GWP |
|------------------|------------|
| CO2 | 1 |
| CH4 | 25 |
| N2O | 298 |
| SF6 | 23500 |

Table 14: Activity List

| Index | Component | Activity Name | Workforce | Start Date | End Date | Schedule Days | BAAQMD Percent | SMAQMD Percent |
|-------|------------------------------------|--|-----------|------------|------------|---------------|----------------|----------------|
| L-01 | General | Survey | 4 | 5/1/2026 | 6/1/2026 | 26 | 1 | 0 |
| L-02 | Collinsville Substation | Site Development/Staging Yards | 12 | 5/1/2026 | 8/1/2026 | 76 | 1 | 0 |
| L-03 | Collinsville Substation | Below-Grade Construction | 40 | 7/14/2026 | 1/14/2027 | 152 | 1 | 0 |
| L-04 | Collinsville Substation | Above-Grade Construction | 30 | 1/2/2027 | 2/11/2028 | 333 | 1 | 0 |
| P-05 | 500 kV Interconnection | Foundation Installation | 15 | 6/1/2027 | 7/28/2027 | 48 | 1 | 0 |
| P-06 | 500 kV Interconnection | Structure Installation | 15 | 7/29/2027 | 8/21/2027 | 21 | 1 | 0 |
| P-07 | 500 kV Interconnection | Conductor Installation | 30 | 8/22/2027 | 9/15/2027 | 20 | 1 | 0 |
| L-08 | 230 kV - New Overhead Transmission | Access Road Construction | 12 | 5/1/2026 | 5/19/2026 | 16 | 1 | 0 |
| L-09 | 230 kV - New Overhead Transmission | Foundation Installation | 12 | 5/20/2027 | 6/15/2027 | 22 | 1 | 0 |
| L-10 | 230 kV - New Overhead Transmission | Structure Installation | 12 | 6/16/2027 | 7/15/2027 | 24 | 1 | 0 |
| L-11 | 230 kV - New Overhead Transmission | Conductor Installation | 30 | 7/16/2027 | 8/15/2027 | 26 | 1 | 0 |
| L-12 | 230 kV - New Submerged Cable | Transition Structure Foundation Installation | 20 | 6/15/2026 | 12/15/2026 | 150 | 1 | 0 |
| L-13 | 230 kV - New Submerged Cable | Transition Structure Installation | 20 | 6/15/2027 | 7/15/2027 | 25 | 1 | 0 |
| L-14 | 230 kV - New Submerged Cable | Submarine Cable Installation | 25 | 6/20/2027 | 12/15/2027 | 147 | 0.7 | 0.3 |
| L-15 | 230 kV - Southern Construction | Southern Transition Approach Construction | 25 | 6/15/2027 | 11/30/2027 | 138 | 1 | 0 |
| L-16 | 230 kV - Southern Construction | Substation Getaways | 20 | 6/1/2027 | 8/23/2027 | 70 | 1 | 0 |
| P-17 | 12 kV Distribution | Distribution Extension to Substation | 10 | 6/1/2026 | 8/1/2026 | 51 | 1 | 0 |
| L-18 | Telecommunications | Fiber Extension to Substation | 12 | 6/1/2027 | 10/1/2027 | 103 | 1 | 0 |
| P-19 | Substation Modifications | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | 15 | 6/1/2026 | 10/1/2026 | 102 | 1 | 0 |
| L-20 | General | Commissioning and Testing | 24 | 11/1/2027 | 6/1/2028 | 174 | 1 | 0 |
| L-21 | General | Cleanup and Restoration | 12 | 2/1/2028 | 7/17/2028 | 140 | 1 | 0 |

Table 15: Equipment List

| EquipIndex | Activity Number | Activity Index | Activity Name | Equipment Name | HP | Fuel Type | Quantity | Days Used | Hours Per Day | Equip/Contact | On/Off | Earth Moving | Off Count | Earth Moving Count | On Type | CallEModType | On Distance | Trips Per Day | VMT | Total VMT | Total Trips per Day | Automobile? | |
|------------|-----------------|----------------|--------------------------------|--------------------------------------|------|-----------|----------|-----------|---------------|--------------------------------------|------------|--------------|-----------|--------------------|-----------|------------------------------|-------------|---------------|-----|-----------|---------------------|---------------|---------------|
| 1 | 1 | L-01 | Survey | Pickup - 1/2 Ton | 395 | Gasoline | 2 | 26 | 4 | Pickup - 1/2 Ton 395 | on | | 1 | 1 | passenger | | 40 | 2 | 160 | 4160 | 4 | Automobile | |
| 2 | 1 | L-02 | Site Development/Staging Yards | Truck - Water 4 K | 300 | Diesel | 4 | 76 | 10 | Truck - Water 4 K 300 | on | | | 2 | | vendor | | 40 | 2 | 320 | 24320 | 8 | Const Vehicle |
| 3 | 1 | L-02 | Site Development/Staging Yards | Loader - 4.5 Yd | 230 | Diesel | 2 | 76 | 10 | Loader - 4.5 Yd 230 | on | | 1 | | | Rubber Tired Loaders | | | | | | | |
| 4 | 1 | L-02 | Site Development/Staging Yards | Truck - Dump 10-12 Yd | 415 | Diesel | 5 | 76 | 10 | Truck - Dump 10-12 Yd 415 | on | | | 3 | | hhdt | | 40 | 4 | 800 | 60800 | 20 | Const Vehicle |
| 5 | 1 | L-02 | Site Development/Staging Yards | Motor Grader | 250 | Diesel | 2 | 76 | 10 | Motor Grader 250 | off | grading | 2 | | 1 | Graders | | | | | | | |
| 6 | 1 | L-02 | Site Development/Staging Yards | Scrapers | 410 | Diesel | 4 | 76 | 10 | Scrapers 410 | off | grading | 3 | | | Scrapers | | | | | | | |
| 7 | 1 | L-02 | Site Development/Staging Yards | Vibratory Roller | 157 | Diesel | 2 | 76 | 10 | Vibratory Roller 157 | off | | 4 | | | Rollers | | | | | | | |
| 8 | 1 | L-02 | Site Development/Staging Yards | Pickup - 1/2 Ton | 395 | Gasoline | 4 | 76 | 4 | Pickup - 1/2 Ton 395 | on | | 4 | 4 | passenger | | 40 | 2 | 320 | 24320 | 8 | Automobile | |
| 9 | 1 | L-02 | Site Development/Staging Yards | Generator - 25 Kw | 36 | Diesel | 1 | 76 | 10 | Generator - 25 Kw 36 | off | | | | | Generator Sets | | | | | | | |
| 10 | 1 | L-02 | Site Development/Staging Yards | Forklift - 15,000 lb | 130 | Diesel | 4 | 76 | 6 | Forklift - 15,000 lb 130 | on | | 6 | | | Forklifts | | | | | | | |
| 11 | 1 | L-02 | Site Development/Staging Yards | Pickup - 1 Ton | 410 | Diesel | 4 | 76 | 4 | Pickup - 1 Ton 410 | on | | | 5 | | passenger | | 40 | 2 | 320 | 24320 | 8 | Automobile |
| 12 | 1 | L-02 | Site Development/Staging Yards | 844 Loader | 417 | Diesel | 1 | 76 | 6 | 844 Loader 417 | off | | 7 | | | Rubber Tired Loaders | | | | | | | |
| 13 | 1 | L-02 | Site Development/Staging Yards | Semi Truck | 500 | Diesel | 2 | 76 | 6 | Semi Truck 500 | on | | 6 | 6 | hhdt | | 40 | 2 | 160 | 12160 | 4 | Const Vehicle | |
| 14 | 1 | L-03 | Below-Grade Construction | Truck - Water 4 K | 300 | Diesel | 2 | 152 | 10 | Truck - Water 4 K 300 | on | | | 7 | | vendor | | 40 | 2 | 160 | 24320 | 4 | Const Vehicle |
| 15 | 1 | L-03 | Below-Grade Construction | Excavator | 108 | Diesel | 2 | 152 | 10 | Excavator 108 | off | | 8 | | | Excavators | | | | | | | |
| 16 | 1 | L-03 | Below-Grade Construction | Forklift - 15 K Reach | 130 | Diesel | 3 | 152 | 8 | Forklift - 15 K Reach 130 | off | | 9 | | | Forklifts | | | | | | | |
| 17 | 1 | L-03 | Below-Grade Construction | Backhoe - 2K4 | 68 | Diesel | 2 | 152 | 6 | Backhoe - 2K4 68 | off | | 10 | | | Excavators | | | | | | | |
| 18 | 1 | L-03 | Below-Grade Construction | Pickup - 1/2 Ton | 395 | Gasoline | 4 | 152 | 2 | Pickup - 1/2 Ton 395 | on | | | | | | | | | | | | |
| 19 | 1 | L-03 | Below-Grade Construction | Pickup - 1 Ton | 410 | Diesel | 4 | 152 | 2 | Pickup - 1 Ton 410 | on | | | 9 | | passenger | | 40 | 2 | 320 | 48640 | 8 | Automobile |
| 20 | 1 | L-03 | Below-Grade Construction | Excavator - Mini | 70 | Diesel | 1 | 152 | 5 | Excavator - Mini 70 | off | | 11 | | | Excavators | | | | | | | |
| 21 | 1 | L-03 | Below-Grade Construction | Generator - 25 Kw | 36 | Diesel | 1 | 152 | 10 | Generator - 25 Kw 36 | off | | 12 | | | Generator Sets | | | | | | | |
| 22 | 1 | L-03 | Below-Grade Construction | Truck - Concrete | 425 | Diesel | 4 | 152 | 5 | Truck - Concrete 425 | on | | | 10 | | hhdt | | 60 | 2 | 480 | 72960 | 8 | Const Vehicle |
| 23 | 1 | L-03 | Below-Grade Construction | Loader - 4.5 Yd | 230 | Diesel | 2 | 152 | 10 | Loader - 4.5 Yd 230 | off | | | 13 | | | | | | | | | |
| 24 | 1 | L-03 | Below-Grade Construction | Pressure Digger - Lo-Drill (Tracked) | 275 | Diesel | 1 | 152 | 8 | Pressure Digger - Lo-Drill (Tracked) | off | | 14 | | | Rubber Tired Loaders | | | | | | | |
| 25 | 1 | L-03 | Below-Grade Construction | Excavator | 275 | Diesel | 1 | 152 | 10 | Excavator 275 | off | | 15 | | | Excavators | | | | | | | |
| 26 | 1 | L-03 | Below-Grade Construction | Truck - Dump 10-12 Yd | 415 | Diesel | 3 | 152 | 5 | Truck - Dump 10-12 Yd 415 | on | | | 11 | | hhdt | | 40 | 4 | 480 | 72960 | 12 | Const Vehicle |
| 27 | 1 | L-03 | Below-Grade Construction | Tool - Van/Conex 20' | 0 | NA | 6 | 152 | 10 | Tool - Van/Conex 20' 0 | NA | | | | | | | | | | | | |
| 28 | 1 | L-03 | Below-Grade Construction | Trencher | 75 | Diesel | 2 | 152 | 5 | Trencher 75 | off | | 16 | | | Trenchers | | | | | | | |
| 29 | 1 | L-03 | Below-Grade Construction | Skid steer loader | 74 | Diesel | 2 | 152 | 10 | Skid steer loader 74 | off | | 17 | | | Skid Steer Loaders | | | | | | | |
| 30 | 1 | L-03 | Below-Grade Construction | Wire Trailer / Tensioner | 175 | Diesel | 1 | 152 | 5 | Wire Trailer / Tensioner 175 | off | | 18 | | | Other Construction Equipment | | | | | | | |
| 31 | 1 | L-03 | Below-Grade Construction | Wire Puller | 175 | Diesel | 1 | 152 | 5 | Wire Puller 175 | off | | 19 | | | Other Construction Equipment | | | | | | | |
| 32 | 1 | L-04 | Above-Grade Construction | Wire Trailer / Tensioner | 175 | Diesel | 1 | 333 | 5 | Wire Trailer / Tensioner 175 | off | | 20 | | | Other Construction Equipment | | | | | | | |
| 33 | 1 | L-04 | Above-Grade Construction | Wire Puller | 175 | Diesel | 1 | 333 | 5 | Wire Puller 175 | off | | 21 | | | Other Construction Equipment | | | | | | | |
| 34 | 1 | L-04 | Above-Grade Construction | Crane - 200 Ton | 275 | Diesel | 1 | 333 | 4 | Crane - 200 Ton 275 | off | | 22 | | | Cranes | | | | | | | |
| 35 | 1 | L-04 | Above-Grade Construction | Pickup - 1/2 Ton | 395 | Gasoline | 4 | 333 | 2 | Pickup - 1/2 Ton 395 | on | | 12 | | | passenger | | 40 | 2 | 320 | 106560 | 8 | Automobile |
| 36 | 1 | L-04 | Above-Grade Construction | Pickup - 1 Ton | 410 | Diesel | 4 | 333 | 2 | Pickup - 1 Ton 410 | on | | 13 | | | passenger | | 40 | 2 | 320 | 106560 | 8 | Automobile |
| 37 | 1 | L-04 | Above-Grade Construction | Welding Truck | 395 | Diesel | 2 | 333 | 2 | Welding Truck 395 | on | | 14 | | | vendor | | 40 | 2 | 160 | 53280 | 4 | Const Vehicle |
| 38 | 1 | L-04 | Above-Grade Construction | Generator - 25 Kw | 36 | Diesel | 2 | 333 | 10 | Generator - 25 Kw 36 | off | | 23 | | | Generator Sets | | | | | | | |
| 39 | 1 | L-04 | Above-Grade Construction | Crane - 35 Ton (Manlift) | 250 | Diesel | 2 | 333 | 5 | Crane - 35 Ton (Manlift) 250 | off | | 24 | | | Cranes | | | | | | | |
| 40 | 1 | L-04 | Above-Grade Construction | Forklift - 10 K Reach | 130 | Diesel | 2 | 333 | 4 | Forklift - 10 K Reach 130 | off | | 25 | | | Forklifts | | | | | | | |
| 41 | 1 | L-04 | Above-Grade Construction | Forklift - 15,000 lb | 130 | Diesel | 1 | 333 | 6 | Forklift - 15,000 lb 130 | off | | 26 | | | Forklifts | | | | | | | |
| 42 | 1 | L-04 | Above-Grade Construction | Loader - 4.5 Yd | 74 | Diesel | 2 | 333 | 5 | Loader - 4.5 Yd 74 | off | | 27 | | | Rubber Tired Loaders | | | | | | | |
| 43 | 1 | L-04 | Above-Grade Construction | 120' Manlift | 74 | Diesel | 2 | 333 | 4 | 120' Manlift 74 | off | | 28 | | | Aerial Lifts | | | | | | | |
| 44 | 1 | L-04 | Above-Grade Construction | Pressure Digger - Lo-Drill (Tracked) | 275 | Diesel | 1 | 40 | 8 | Pressure Digger - Lo-Drill (Tracked) | off | | 29 | | | Bore/Drill Rigs | | | | | | | |
| 45 | 1 | P-05 | Foundation Installation | Truck - Concrete | 425 | Diesel | 4 | 40 | 5 | Truck - Concrete 425 | on | | 15 | | | hhdt | | 60 | 2 | 480 | 19200 | 8 | Const Vehicle |
| 46 | 1 | P-05 | Foundation Installation | Pickup - 1 Ton | 410 | Diesel | 4 | 40 | 2 | Pickup - 1 Ton 410 | on | | 16 | | | passenger | | 60 | 2 | 480 | 19200 | 8 | Automobile |
| 47 | 1 | P-05 | Foundation Installation | Truck - Water 4 K | 300 | Diesel | 2 | 40 | 6 | Truck - Water 4 K 300 | on | | 17 | | | vendor | | 60 | 2 | 240 | 9600 | 4 | Const Vehicle |
| 48 | 1 | P-05 | Foundation Installation | Truck - Dump 10-12 Yd | 415 | Diesel | 2 | 40 | 10 | Truck - Dump 10-12 Yd 415 | on | | 18 | | | hhdt | | 40 | 2 | 160 | 6400 | 4 | Const Vehicle |
| 49 | 1 | P-05 | Foundation Installation | Skid steer loader | 74 | Diesel | 1 | 40 | 10 | Skid steer loader 74 | off | | 30 | | | Skid Steer Loaders | | | | | | | |
| 50 | 1 | P-05 | Foundation Installation | Forklift - 10 K Reach | 130 | Diesel | 2 | 40 | 8 | Forklift - 10 K Reach 130 | off | | 31 | | | Forklifts | | | | | | | |
| 51 | 1 | P-05 | Foundation Installation | Crane - 35 Ton (Manlift) | 250 | Diesel | 1 | 40 | 4 | Crane - 35 Ton (Manlift) 250 | off | | 32 | | | Cranes | | | | | | | |
| 52 | 1 | P-05 | Foundation Installation | Loader - 4.5 Yd | 230 | Diesel | 1 | 40 | 8 | Loader - 4.5 Yd 230 | off | | 33 | | | Rubber Tired Loaders | | | | | | | |
| 53 | 1 | P-05 | Foundation Installation | Rough Terrain Crane | 185 | Diesel | 1 | 40 | 2 | Rough Terrain Crane 185 | off | | 34 | | | Cranes | | | | | | | |
| 54 | 1 | P-05 | Foundation Installation | Motor Grader | 250 | Diesel | 1 | 40 | 10 | Motor Grader 250 | off | grading | 35 | | 3 | Graders | | | | | | | |
| 55 | 1 | P-05 | Foundation Installation | D6 Type Dozer | 250 | Diesel | 1 | 40 | 10 | D6 Type Dozer 250 | off | bulldozing | 36 | | 4 | Rubber Tired Dozers | | | | | | | |
| 56 | 1 | P-05 | Foundation Installation | Excavator | 250 | Diesel | 1 | 40 | 10 | Excavator 250 | off | | 37 | | | Excavators | | | | | | | |
| 57 | 1 | P-05 | Foundation Installation | Vibratory Roller | 125 | Diesel | 1 | 40 | 10 | Vibratory Roller 125 | off | | 38 | | | Rollers | | | | | | | |
| 58 | 1 | P-06 | Structure Installation | Crane - 35 Ton (Manlift) | 250 | Diesel | 2 | 48 | 10 | Crane - 35 Ton (Manlift) 250 | off | | 39 | | | Cranes | | | | | | | |
| 59 | 1 | P-06 | Structure Installation | Helicopter - Heavy Duty | 3100 | Jet | 1 | 13 | 5 | Helicopter - Heavy Duty 3200 | helicopter | | | | | | | | | | | | |
| 60 | 1 | P-06 | Structure Installation | Pickup - 1/2 ton | 395 | Gasoline | 2 | 48 | 2 | Pickup - 1/2 ton 395 | on | | | 19 | | passenger | | 40 | 2 | 160 | 7680 | 4 | Automobile |
| 61 | 1 | P-06 | Structure Installation | Forklift - 15,000 lb | 130 | Diesel | 1 | 48 | 5 | Forklift - 15,000 lb 130 | off | | 40 | | | Forklifts | | | | | | | |
| 62 | 1 | P-06 | Structure Installation | Pickup - 1 ton | 410 | Diesel | 2 | 48 | 2 | Pickup - 1 ton 410 | on | | | 20 | | passenger | | 60 | 2 | 240 | 11520 | 4 | Automobile |
| 63 | 1 | P-06 | Structure Installation | Crane - 200 Ton | 275 | Diesel | 1 | 48 | 10 | Crane - 200 Ton 275 | off | | 41 | | | Cranes | | | | | | | |
| 64 | 1 | P-06 | Structure Installation | 844 Loader | 417 | Diesel | 1 | 48 | 6 | 844 Loader 417 | off | | 42 | | | Rubber Tired Loaders | | | | | | | |
| 65 | 1 | P-06 | Structure Installation | Truck - Water 4 K | 300 | Diesel | 2 | 48 | 6 | Truck - Water 4 K 300 | on | | | 21 | | vendor | | 60 | 2 | 240 | 11520 | 4 | Const Vehicle |
| 66 | 1 | P-06 | Structure Installation | Jet Fuel Truck | 300 | Jet | 1 | 48 | 10 | Jet Fuel Truck 300 | on | | 22 | | | vendor | | 40 | 2 | 80 | 3840 | 2 | Const Vehicle |
| 67 | 1 | P-07 | Conductor Installation | Helicopter | 700 | Jet | 1 | 12 | 10 | Helicopter 700 | helicopter | | | | | | | | | | | | |
| 68 | 1 | P-07 | Conductor Installation | Jet Fuel Truck | 300 | Diesel | 1 | 60 | 10 | Jet Fuel Truck 300 | on | | | | | vendor | | 40 | 2 | 80 | 4800 | 2 | Const Vehicle |
| 69 | 1 | P-07 | Conductor Installation | Crane - 35 Ton (Manlift) | 250 | Diesel | 6 | 60 | 10 | Crane - 35 Ton (Manlift) 250 | off | | 43 | | | Cranes | | | | | | | |
| 70 | 1 | P-07 | Conductor Installation | Pickup - 1/2 ton | 395 | Gasoline | 4 | 60 | 2 | Pickup - 1/2 ton 395 | on | | | 23 | | passenger | | 40 | 2 | 320 | 19200 | 8 | Automobile |
| 71 | 1 | P-07 | Conductor Installation | Pickup - 1 Ton | 410 | Diesel | 4 | 60 | 2 | Pickup - 1 Ton 410 | on | | | 25 | | passenger | | 60 | 2 | 480 | 28800 | 8 | Automobile |
| 72 | 1 | P-07 | Conductor Installation | D8 Sag Dozer | 200 | Diesel | 3 | 60 | 10 | D8 Sag Dozer 200 | off | | 44 | | | Rubber Tired Dozers | | | | | | | |
| 73 | 1 | P-07 | Conductor Installation | Wire Puller | 175 | Diesel | 1 | 60 | 5 | Wire Puller 175 | off | | 45 | | | Other Construction Equipment | | | | | | | |
| 74 | 1 | P-07 | Conductor Installation | Truck - Water 4 K | 300 | Diesel | 2 | 60 | 6 | Truck - Water 4 K 300 | on | | | 26 | | vendor | | 60 | 2 | 240 | 14400 | 4 | Const Vehicle |
| 75 | 1 | P-07 | Conductor Installation | Wire Trailer / Tensioner | 175 | Diesel | 1 | 60 | 5 | Wire Trailer / Tensioner 175 | off | | 46 | | | Other Construction Equipment | | | | | | | |

| EquipIndex | Activity Number | Activity Index | Activity Name | Equipment Name | HP | Fuel Type | Quantity | Days Used | Hours Per Day | EquipContact | On/Off | Earth Moving | Off Count | On Count | Earth Moving Count | On Type | CallEmModType | On Distance | Trips Per Day | VMT | Total VMT | Total Trips per day | Automobile? | |
|------------|-----------------|----------------|--|------------------------------|------|-----------|----------|-----------|---------------|-----------------------------------|--------|--------------|-----------|----------|--------------------|-----------|------------------------------|-------------|---------------|-----|-----------|---------------------|---------------|--|
| 105 | 11 | -11 | Conductor Installation | Pickup - 1/2 Ton | 395 | Gasoline | 4 | 26 | 2 | Pickup - 1/2 Ton, 395 | on | | | 39 | | passenger | | 40 | 2 | 320 | 8320 | 8 | Automobile | |
| 106 | 11 | -11 | Conductor Installation | Pickup - 1 Ton | 410 | Diesel | 4 | 26 | 2 | Pickup - 1 Ton, 410 | on | | | 40 | | passenger | | 40 | 2 | 320 | 8320 | 8 | Automobile | |
| 107 | 11 | -11 | Conductor Installation | DB Sag Dower | 200 | Diesel | 3 | 26 | 10 | DB Sag Dower, 200 | off | | | 63 | | | Other Construction Equipment | | | | | | | |
| 108 | 11 | -11 | Conductor Installation | Wire Puller | 175 | Diesel | 1 | 26 | 5 | Wire Puller, 175 | off | | | 64 | | | Other Construction Equipment | | | | | | | |
| 109 | 11 | -11 | Conductor Installation | Truck - Water 4 K | 300 | Diesel | 2 | 26 | 6 | Truck - Water 4 K, 300 | on | | | 41 | | vendor | | 40 | 2 | 160 | 4160 | 4 | Const Vehicle | |
| 110 | 11 | -11 | Conductor Installation | Wire Trailer/ Tensioner | 175 | Diesel | 1 | 26 | 5 | Wire Trailer/ Tensioner, 175 | off | | | 65 | | | Other Construction Equipment | | | | | | | |
| 111 | 11 | -11 | Conductor Installation | Deck Barge | N/A | NA | 1 | 26 | 2 | Deck Barge, N/A | NA | | | | | | | | | | | | | |
| 112 | 11 | -11 | Conductor Installation | Tug Boat | 3300 | Diesel | 2 | 26 | 6 | Tug Boat, 3300 | boat | | | 65 | | | | | | | | | | |
| 113 | 11 | -11 | Conductor Installation | Support Vessel | 200 | Diesel | 2 | 26 | 4 | Support Vessel, 200 | boat | | | 65 | | | | | | | | | | |
| 114 | 11 | -11 | Conductor Installation | Deck Generator | 170 | Diesel | 1 | 26 | 8 | Deck Generator, 170 | off | | | 66 | | | Generator Sets | | | | | | | |
| 115 | 11 | -11 | Conductor Installation | Anchor Winches | 100 | Diesel | 4 | 26 | 4 | Anchor Winches, 100 | off | | | 67 | | | Other Construction Equipment | | | | | | | |
| 116 | 12 | -12 | Transition Structure Foundation Installation | Spud Barge | N/A | NA | 1 | 150 | 4 | Spud Barge, N/A | NA | | | | | | | | | | | | | |
| 117 | 12 | -12 | Transition Structure Foundation Installation | Hydraulic Unit | 100 | Diesel | 1 | 150 | 2 | Hydraulic Unit, 100 | off | | | 68 | | | Other Construction Equipment | | | | | | | |
| 118 | 12 | -12 | Transition Structure Foundation Installation | Tug Boat | 3300 | Diesel | 2 | 150 | 6 | Tug Boat, 3300 | boat | | | 68 | | | | | | | | | | |
| 119 | 12 | -12 | Transition Structure Foundation Installation | Deck Winch | 225 | Diesel | 1 | 150 | 2 | Deck Winch, 225 | off | | | 69 | | | Other Construction Equipment | | | | | | | |
| 120 | 12 | -12 | Transition Structure Foundation Installation | Truck - Concrete | 425 | Diesel | 1 | 150 | 10 | Truck - Concrete, 425 | on | | | 42 | | hhdt | | 60 | 2 | 120 | 18000 | 2 | Const Vehicle | |
| 121 | 12 | -12 | Transition Structure Foundation Installation | Concrete Pump | 350 | Diesel | 1 | 150 | 3 | Concrete Pump, 350 | off | | | 70 | | | Pumps | | | | | | | |
| 122 | 12 | -12 | Transition Structure Foundation Installation | Generator - 725 Kw | 985 | Diesel | 1 | 150 | 8 | Generator - 725 Kw, 985 | off | | | 71 | | | Generator Sets | | | | | | | |
| 123 | 12 | -12 | Transition Structure Foundation Installation | Deck Generator - 100KW | 130 | Diesel | 1 | 150 | 8 | Deck Generator - 100KW, 130 | off | | | 72 | | | Generator Sets | | | | | | | |
| 124 | 12 | -12 | Transition Structure Foundation Installation | Support Vessel | 200 | Diesel | 1 | 150 | 6 | Support Vessel, 200 | boat | | | 72 | | | | | | | | | | |
| 125 | 12 | -12 | Transition Structure Foundation Installation | Air Compressor | 50 | Diesel | 1 | 150 | 8 | Air Compressor, 50 | off | | | 73 | | | Air Compressors | | | | | | | |
| 126 | 12 | -12 | Transition Structure Foundation Installation | Vibratory Hammer/Pile Driver | 665 | Diesel | 1 | 150 | 8 | Vibratory Hammer/Pile Driver, 665 | off | | | 74 | | | Other Construction Equipment | | | | | | | |
| 127 | 12 | -12 | Transition Structure Foundation Installation | Crane | 180 | Diesel | 1 | 150 | 8 | Crane, 180 | off | | | 75 | | | Cranes | | | | | | | |
| 128 | 12 | -12 | Transition Structure Foundation Installation | Engine Welder | 25 | Diesel | 1 | 150 | 4 | Engine Welder, 25 | off | | | 76 | | | Welders | | | | | | | |
| 129 | 12 | -12 | Transition Structure Foundation Installation | Support Vessel | 200 | Diesel | 2 | 150 | 4 | Support Vessel, 200 | boat | | | 76 | | | | | | | | | | |
| 130 | 13 | -13 | Transition Structure Installation | Spud Barge | N/A | NA | 1 | 25 | 4 | Spud Barge, N/A | NA | | | | | | | | | | | | | |
| 131 | 13 | -13 | Transition Structure Installation | Deck Barge | N/A | NA | 1 | 25 | 2 | Deck Barge, N/A | NA | | | | | | | | | | | | | |
| 132 | 13 | -13 | Transition Structure Installation | Tug Boat | 3300 | Diesel | 2 | 25 | 6 | Tug Boat, 3300 | boat | | | 76 | | | | | | | | | | |
| 133 | 13 | -13 | Transition Structure Installation | Barge Mounted Crane | 250 | Diesel | 1 | 25 | 8 | Barge Mounted Crane, 250 | off | | | 77 | | | Cranes | | | | | | | |
| 134 | 13 | -13 | Transition Structure Installation | Support Vessel | 200 | Diesel | 2 | 25 | 4 | Support Vessel, 200 | boat | | | 77 | | | | | | | | | | |
| 135 | 13 | -13 | Transition Structure Installation | Deck Generator | 170 | Diesel | 1 | 25 | 8 | Deck Generator, 170 | off | | | 78 | | | Generator Sets | | | | | | | |
| 136 | 13 | -13 | Transition Structure Installation | Air Compressor | 50 | Diesel | 1 | 25 | 8 | Air Compressor, 50 | off | | | 79 | | | Air Compressors | | | | | | | |
| 137 | 13 | -13 | Transition Structure Installation | Generator - 725 Kw | 985 | Diesel | 1 | 25 | 8 | Generator - 725 Kw, 985 | off | | | 80 | | | Generator Sets | | | | | | | |
| 138 | 14 | -14 | Submarine Cable Installation | Survey Vessel | 150 | Diesel | 2 | 147 | 12 | Survey Vessel, 150 | boat | | | 80 | | | | | | | | | | |
| 139 | 14 | -14 | Submarine Cable Installation | Tug Boat | 1200 | Diesel | 2 | 147 | 8 | Tug Boat, 1200 | boat | | | 80 | | | | | | | | | | |
| 140 | 14 | -14 | Submarine Cable Installation | Crew Boat | 1200 | Diesel | 1 | 147 | 12 | Crew Boat, 1200 | boat | | | 80 | | | | | | | | | | |
| 141 | 14 | -14 | Submarine Cable Installation | Small Boats | 250 | Gasoline | 2 | 147 | 12 | Small Boats, 250 | boat | | | 80 | | | | | | | | | | |
| 142 | 14 | -14 | Submarine Cable Installation | Crane | 180 | Diesel | 1 | 147 | 6 | Crane, 180 | off | | | 81 | | | Cranes | | | | | | | |
| 143 | 14 | -14 | Submarine Cable Installation | Anchor Winches | 100 | Diesel | 4 | 147 | 4 | Anchor Winches, 100 | off | | | 82 | | | Other Construction Equipment | | | | | | | |
| 144 | 14 | -14 | Submarine Cable Installation | Generators | 150 | Diesel | 1 | 147 | 12 | Generators, 150 | off | | | 83 | | | Generator Sets | | | | | | | |
| 145 | 14 | -14 | Submarine Cable Installation | Misc Deck Equipment | 100 | Diesel | 1 | 147 | 12 | Misc Deck Equipment, 100 | off | | | 84 | | | Other Construction Equipment | | | | | | | |
| 146 | 14 | -14 | Submarine Cable Installation | Water Pump | 325 | Diesel | 2 | 147 | 12 | Water Pump, 325 | off | | | 85 | | | Pumps | | | | | | | |
| 147 | 14 | -14 | Submarine Cable Installation | Pull In Winch | 100 | Diesel | 2 | 147 | 12 | Pull In Winch, 100 | off | | | 86 | | | Other Construction Equipment | | | | | | | |
| 148 | 14 | -14 | Submarine Cable Installation | Dive Compressor | 50 | Diesel | 2 | 147 | 12 | Dive Compressor, 50 | off | | | 87 | | | Air Compressors | | | | | | | |
| 149 | 14 | -14 | Submarine Cable Installation | Termination Genset | 50 | Diesel | 1 | 147 | 12 | Termination Genset, 50 | off | | | 88 | | | Generator Sets | | | | | | | |
| 150 | 14 | -14 | Submarine Cable Installation | Assist Barge Crane | 200 | Diesel | 1 | 147 | 12 | Assist Barge Crane, 200 | off | | | 89 | | | Cranes | | | | | | | |
| 151 | 15 | -15 | Southern Transition Approach Construction | Onshore Excavator | 600 | Diesel | 1 | 138 | 12 | Onshore Excavator, 600 | off | | | 90 | | | Excavators | | | | | | | |
| 152 | 15 | -15 | Southern Transition Approach Construction | Onshore End Loader | 250 | Diesel | 1 | 138 | 12 | Onshore End Loader, 250 | off | | | 91 | | | Tractors/Loaders/Backhoes | | | | | | | |
| 153 | 15 | -15 | Southern Transition Approach Construction | Onshore Crane | 180 | Diesel | 1 | 138 | 12 | Onshore Crane, 180 | off | | | 92 | | | Cranes | | | | | | | |
| 154 | 15 | -15 | Southern Transition Approach Construction | Crane - 200 Ton | 275 | Diesel | 1 | 138 | 6 | Crane - 200 Ton, 275 | off | | | 93 | | | Cranes | | | | | | | |
| 155 | 15 | -15 | Southern Transition Approach Construction | Onshore Vibratory Hammer | 300 | Diesel | 1 | 138 | 12 | Onshore Vibratory Hammer, 300 | off | | | 94 | | | Other Construction Equipment | | | | | | | |
| 156 | 15 | -15 | Southern Transition Approach Construction | Air Compressor | 50 | Diesel | 1 | 138 | 12 | Air Compressor, 50 | off | | | 95 | | | Air Compressors | | | | | | | |
| 157 | 15 | -15 | Southern Transition Approach Construction | Truck - Dump 10-12 Yd | 415 | Diesel | 4 | 138 | 6 | Truck - Dump 10-12 Yd, 415 | on | | | 43 | | hhdt | | 40 | 2 | 320 | 44160 | 8 | Const Vehicle | |
| 158 | 15 | -15 | Southern Transition Approach Construction | Onshore Dewatering Equip | 50 | Diesel | 2 | 138 | 12 | Onshore Dewatering Equip, 50 | off | | | 96 | | | Other Construction Equipment | | | | | | | |
| 159 | 15 | -15 | Southern Transition Approach Construction | Onshore Trucks | 300 | Diesel | 4 | 138 | 12 | Onshore Trucks, 300 | off | | | 44 | | vendor | | 60 | 2 | 480 | 66240 | 8 | Const Vehicle | |
| 160 | 16 | -16 | Substation Getaways | Pickup - 1/2 Ton | 395 | Gasoline | 4 | 70 | 2 | Pickup - 1/2 Ton, 395 | on | | | 45 | | passenger | | 40 | 2 | 320 | 22400 | 8 | Automobile | |
| 161 | 16 | -16 | Substation Getaways | Pickup - 1 Ton | 410 | Diesel | 4 | 70 | 2 | Pickup - 1 Ton, 410 | on | | | 46 | | passenger | | 40 | 2 | 320 | 22400 | 8 | Automobile | |
| 162 | 16 | -16 | Substation Getaways | Welding Truck | 395 | Diesel | 2 | 70 | 2 | Welding Truck, 395 | on | | | 97 | | vendor | | 40 | 2 | 160 | 11200 | 4 | Const Vehicle | |
| 163 | 16 | -16 | Substation Getaways | Generator - 25 Kw | 36 | Diesel | 2 | 70 | 10 | Generator - 25 Kw, 36 | off | | | 97 | | | Generator Sets | | | | | | | |
| 164 | 16 | -16 | Substation Getaways | Crane - 35 Ton (Manlift) | 250 | Diesel | 2 | 70 | 5 | Crane - 35 Ton (Manlift), 250 | off | | | 98 | | | Cranes | | | | | | | |
| 165 | 16 | -16 | Substation Getaways | Forklift - 10 K Reach | 130 | Diesel | 2 | 70 | 4 | Forklift - 10 K Reach, 130 | off | | | 99 | | | Forklifts | | | | | | | |
| 166 | 16 | -16 | Substation Getaways | Forklift - 15,000 lb | 130 | Diesel | 1 | 70 | 4 | Forklift - 15,000 lb, 130 | off | | | 100 | | | Forklifts | | | | | | | |
| 167 | 16 | -16 | Substation Getaways | Loader - 4-5 Yd | 74 | Diesel | 2 | 70 | 5 | Loader - 4-5 Yd, 74 | off | | | 101 | | | Rubber Tired Loaders | | | | | | | |
| 168 | 16 | -16 | Substation Getaways | Wire Trailer/ Tensioner | 175 | Diesel | 1 | 70 | 5 | Wire Trailer/ Tensioner, 175 | off | | | 102 | | | Other Construction Equipment | | | | | | | |
| 169 | 16 | -16 | Substation Getaways | Wire Puller | 175 | Diesel | 2 | 70 | 10 | Wire Puller, 175 | off | | | 103 | | | Other Construction Equipment | | | | | | | |
| 170 | 16 | -16 | Substation Getaways | Skid steer loader | 74</ | | | | | | | | | | | | | | | | | | | |

| EquipIndex | Activity Number | Activity Index | Activity Name | Equipment Name | HP | Fuel Type | Quantity | Days Used | Hours Per Day | EquipConcat | On-Off | Earth Moving | Off Count | On Count | Earth Moving Count | On Type | CalEEModType | On Distance | Trips Per Day | VMT | Total VMT | Total Trips per day | Automobile? |
|------------|-----------------|----------------|---|--------------------------|-----|-----------|----------|-----------|---------------|------------------------------|--------|--------------|-----------|----------|--------------------|-----------|---------------------|-------------|---------------|------|-----------|---------------------|---------------|
| 210 | 20 | L-20 | Commissioning and Testing | Crane - 35 Ton (Manlift) | 250 | Diesel | 2 | 174 | 10 | Crane - 35 Ton (Manlift) 250 | off | | 126 | | | | Cranes | | | | | | |
| 211 | 21 | L-21 | Cleanup and Restoration | Pickup - 1 Ton | 410 | Diesel | 4 | 140 | 2 | Pickup - 1 Ton 410 | on | | | 62 | | passenger | | 40 | 2 | 320 | 44800 | 8 | Automobile |
| 212 | 21 | L-21 | Cleanup and Restoration | Motor Grader | 250 | Diesel | 2 | 140 | 10 | Motor Grader 250 | off | grading | 127 | | 7 | | Graders | | | | | | |
| 213 | 21 | L-21 | Cleanup and Restoration | Backhoe - 2X4 | 68 | Diesel | 2 | 140 | 8 | Backhoe - 2X4 68 | off | | 128 | | | | Excavators | | | | | | |
| 214 | 21 | L-21 | Cleanup and Restoration | Truck - Water 4 K | 300 | Diesel | 2 | 140 | 10 | Truck - Water 4 K 300 | on | | | 63 | | vendor | | 40 | 2 | 160 | 22400 | 4 | Const Vehicle |
| 215 | 21 | L-21 | Cleanup and Restoration | Skid steer loader | 74 | Diesel | 1 | 140 | 10 | Skid steer loader 74 | off | | 129 | | | | Skid Steer Loaders | | | | | | |
| 216 | 21 | L-21 | Cleanup and Restoration | Excavator | 250 | Diesel | 1 | 140 | 10 | Excavator 250 | off | | 130 | | | | Excavators | | | | | | |
| 217 | 21 | L-21 | Cleanup and Restoration | D6 Type Dozer | 250 | Diesel | 1 | 140 | 10 | D6 Type Dozer 250 | off | bulldozing | 131 | | 8 | | Rubber Tired Dozers | | | | | | |
| 218 | 21 | L-21 | Cleanup and Restoration | Pickup - 1/2 Ton | 395 | Gasoline | 4 | 140 | 2 | Pickup - 1/2 Ton 395 | on | | | 64 | | passenger | | 40 | 2 | 320 | 44800 | 8 | Automobile |
| 219 | 21 | L-21 | Cleanup and Restoration | Truck - Dump 10-12 Yd | 415 | Diesel | 2 | 140 | 10 | Truck - Dump 10-12 Yd 415 | on | | | 65 | | lift | | 40 | 2 | 160 | 22400 | 4 | Const Vehicle |
| 220 | 1 | L-01 | Survey | Worker Commute | NA | Gasoline | 4 | 26 | NA | Worker Commute NA | on | | | 66 | | passenger | | 60 | 2 | 480 | 12480 | 8 | Automobile |
| 221 | 2 | L-02 | Site Development/Staging Yards | Worker Commute | NA | Gasoline | 12 | 76 | NA | Worker Commute NA | on | | | 67 | | passenger | | 60 | 2 | 1440 | 109440 | 24 | Automobile |
| 222 | 3 | L-03 | Below-Grade Construction | Worker Commute | NA | Gasoline | 40 | 152 | NA | Worker Commute NA | on | | | 68 | | passenger | | 60 | 2 | 4800 | 729600 | 80 | Automobile |
| 223 | 4 | L-04 | Above-Grade Construction | Worker Commute | NA | Gasoline | 30 | 333 | NA | Worker Commute NA | on | | | 69 | | passenger | | 60 | 2 | 3600 | 1198800 | 60 | Automobile |
| 224 | 5 | P-05 | Foundation Installation | Worker Commute | NA | Gasoline | 15 | 40 | NA | Worker Commute NA | on | | | 70 | | passenger | | 60 | 2 | 1800 | 72000 | 30 | Automobile |
| 225 | 6 | P-06 | Structure Installation | Worker Commute | NA | Gasoline | 15 | 48 | NA | Worker Commute NA | on | | | 71 | | passenger | | 60 | 2 | 1800 | 86400 | 30 | Automobile |
| 226 | 7 | P-07 | Conductor Installation | Worker Commute | NA | Gasoline | 30 | 60 | NA | Worker Commute NA | on | | | 72 | | passenger | | 60 | 2 | 3600 | 216000 | 60 | Automobile |
| 227 | 8 | L-08 | Access Road Construction | Worker Commute | NA | Gasoline | 12 | 16 | NA | Worker Commute NA | on | | | 73 | | passenger | | 60 | 2 | 1440 | 23040 | 24 | Automobile |
| 228 | 9 | L-09 | Foundation Installation | Worker Commute | NA | Gasoline | 12 | 22 | NA | Worker Commute NA | on | | | 74 | | passenger | | 60 | 2 | 1440 | 31680 | 24 | Automobile |
| 229 | 10 | L-10 | Structure Installation | Worker Commute | NA | Gasoline | 12 | 24 | NA | Worker Commute NA | on | | | 75 | | passenger | | 60 | 2 | 1440 | 34560 | 24 | Automobile |
| 230 | 11 | L-11 | Conductor Installation | Worker Commute | NA | Gasoline | 30 | 26 | NA | Worker Commute NA | on | | | 76 | | passenger | | 60 | 2 | 3600 | 93600 | 60 | Automobile |
| 231 | 12 | L-12 | Transition Structure Foundation Installation | Worker Commute | NA | Gasoline | 20 | 150 | NA | Worker Commute NA | on | | | 77 | | passenger | | 60 | 2 | 2400 | 360000 | 40 | Automobile |
| 232 | 13 | L-13 | Transition Structure Installation | Worker Commute | NA | Gasoline | 20 | 25 | NA | Worker Commute NA | on | | | 78 | | passenger | | 60 | 2 | 2400 | 60000 | 40 | Automobile |
| 233 | 14 | L-14 | Submarine Cable Installation | Worker Commute | NA | Gasoline | 25 | 147 | NA | Worker Commute NA | on | | | 79 | | passenger | | 60 | 2 | 3000 | 612000 | 50 | Automobile |
| 234 | 15 | L-15 | Southern Transition Approach Construction | Worker Commute | NA | Gasoline | 25 | 138 | NA | Worker Commute NA | on | | | 80 | | passenger | | 60 | 2 | 3000 | 414000 | 50 | Automobile |
| 235 | 16 | L-16 | Substation Getaways | Worker Commute | NA | Gasoline | 20 | 70 | NA | Worker Commute NA | on | | | 81 | | passenger | | 60 | 2 | 2400 | 168000 | 40 | Automobile |
| 236 | 17 | P-17 | Distribution Extension to Substation | Worker Commute | NA | Gasoline | 10 | 51 | NA | Worker Commute NA | on | | | 82 | | passenger | | 60 | 2 | 1200 | 61200 | 20 | Automobile |
| 237 | 18 | L-18 | Fiber Extension to Substation | Worker Commute | NA | Gasoline | 12 | 103 | NA | Worker Commute NA | on | | | 83 | | passenger | | 60 | 2 | 1440 | 348320 | 24 | Automobile |
| 238 | 19 | P-19 | Vaca Dixon, Tevis and Pittsburg Substation Upgrades | Worker Commute | NA | Gasoline | 15 | 102 | NA | Worker Commute NA | on | | | 84 | | passenger | | 60 | 2 | 1800 | 183600 | 30 | Automobile |
| 239 | 20 | L-20 | Commissioning and Testing | Worker Commute | NA | Gasoline | 24 | 174 | NA | Worker Commute NA | on | | | 85 | | passenger | | 60 | 2 | 2880 | 501120 | 48 | Automobile |
| 240 | 21 | L-21 | Cleanup and Restoration | Worker Commute | NA | Gasoline | 12 | 140 | NA | Worker Commute NA | on | | | 86 | | passenger | | 60 | 2 | 1440 | 201600 | 24 | Automobile |

Table 16: On-Road Vehicle Distance Assumptions

| Component | Equipment | Concat | On-Off | Fuel | On Type | Trip Distance | Paved Percent | Paved Distance | Unpaved Distance |
|-----------|---------------------------|-----------------------------|--------|----------|-----------|---------------|---------------|----------------|------------------|
| L | Jet Fuel Truck_300 | L_Jet Fuel Truck_300 | on | Diesel | vendor | 60 | 95 | 57 | 3 |
| L | Onshore Trucks_300 | L_Onshore Trucks_300 | on | Diesel | vendor | 60 | 95 | 57 | 3 |
| L | Pickup - 1 Ton_410 | L_Pickup - 1 Ton_410 | on | Diesel | passenger | 40 | 95 | 38 | 2 |
| L | Pickup - 1/2 Ton_395 | L_Pickup - 1/2 Ton_395 | on | Gasoline | passenger | 40 | 95 | 38 | 2 |
| L | Semi Truck_500 | L_Semi Truck_500 | on | Diesel | hhdt | 40 | 95 | 38 | 2 |
| L | Truck - Concrete_425 | L_Truck - Concrete_425 | on | Diesel | hhdt | 60 | 95 | 57 | 3 |
| L | Truck - Dump 10-12 Yd_415 | L_Truck - Dump 10-12 Yd_415 | on | Diesel | hhdt | 40 | 95 | 38 | 2 |
| L | Truck - Water 4 K_300 | L_Truck - Water 4 K_300 | on | Diesel | vendor | 40 | 95 | 38 | 2 |
| L | Welding Truck_395 | L_Welding Truck_395 | on | Diesel | vendor | 40 | 95 | 38 | 2 |
| P | Jet Fuel Truck_300 | P_Jet Fuel Truck_300 | on | Diesel | vendor | 40 | 95 | 38 | 2 |
| P | Onshore Trucks_300 | P_Onshore Trucks_300 | on | Diesel | vendor | 30 | 90 | 27 | 3 |
| P | Pickup - 1 Ton_410 | P_Pickup - 1 Ton_410 | on | Diesel | passenger | 60 | 95 | 57 | 3 |
| P | Pickup - 1/2 Ton_395 | P_Pickup - 1/2 Ton_395 | on | Gasoline | passenger | 40 | 95 | 38 | 2 |
| P | Semi Truck_500 | P_Semi Truck_500 | on | Diesel | hhdt | 40 | 95 | 38 | 2 |
| P | Truck - Concrete_425 | P_Truck - Concrete_425 | on | Diesel | hhdt | 60 | 95 | 57 | 3 |
| P | Truck - Dump 10-12 Yd_415 | P_Truck - Dump 10-12 Yd_415 | on | Diesel | hhdt | 40 | 95 | 38 | 2 |
| P | Truck - Water 4 K_300 | P_Truck - Water 4 K_300 | on | Diesel | vendor | 60 | 95 | 57 | 3 |
| P | Welding Truck_395 | P_Welding Truck_395 | on | Diesel | vendor | 10 | 95 | 9.5 | 0.5 |
| L | Worker Commute_NA | L_Worker Commute_NA | on | Gasoline | passenger | 60 | 100 | 60 | 0 |
| P | Worker Commute_NA | P_Worker Commute_NA | on | Gasoline | passenger | 60 | 100 | 60 | 0 |

Table 17: Off-Road Uncontrolled Daily Emissions (pounds/day)

| Count | Activity Index | Activity Name | Equipment Name | Fuel Type | Quantity | Hours Per Day | CalEEModType | HP | LF | CalEEMod Bin | Tier Bin | Year | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|--------------------------------|--------------------------------|-----------|----------|---------------|------------------------------|-----|------|--------------|----------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1 | L-02 | Site Development/Staging Yards | Loader - 4.5 Yd | Diesel | 2 | 10 | Rubber Tired Loaders | 230 | 0.36 | 6 | 5 | 2026 | 0.63917 | 4.882129 | 4.256122 | 0.017759 | 0.163929 | 1922.513 | 0.077986 | 0.015597 | 0.019348 |
| 2 | L-02 | Site Development/Staging Yards | Motor Grader | Diesel | 2 | 10 | Graders | 250 | 0.41 | 6 | 5 | 2026 | 0.990114 | 9.576215 | 5.408193 | 0.022025 | 0.322037 | 0.296274 | 2384.912 | 0.096742 | 0.019348 |
| 3 | L-02 | Site Development/Staging Yards | Scraper | Diesel | 4 | 10 | Scrapers | 410 | 0.36 | 7 | 6 | 2026 | 3.40254 | 30.20789 | 26.71104 | 0.084772 | 1.178044 | 1.0838 | 9178.141 | 0.372306 | 0.074461 |
| 4 | L-02 | Site Development/Staging Yards | Vibratory Roller | Diesel | 2 | 10 | Rollers | 157 | 0.38 | 5 | 4 | 2026 | 0.317294 | 2.631356 | 7.657133 | 0.012818 | 0.117014 | 0.107653 | 1387.27 | 0.062774 | 0.011255 |
| 5 | L-02 | Site Development/Staging Yards | Generator - 25 Kw | Diesel | 2 | 10 | Generator Sets | 36 | 0.74 | 2 | 1 | 2026 | 0.396859 | 3.973124 | 4.382782 | 0.008635 | 0.092954 | 0.085118 | 667.5546 | 0.027079 | 0.005887 |
| 6 | L-02 | Site Development/Staging Yards | Forklift - 15,000 lb | Diesel | 4 | 6 | Forklifts | 130 | 0.2 | 5 | 4 | 2026 | 0.264524 | 1.973717 | 4.345106 | 0.006702 | 0.099946 | 0.091122 | 725.6289 | 0.029435 | 0.005887 |
| 7 | L-02 | Site Development/Staging Yards | 844 Loader | Diesel | 1 | 8 | Rubber Tired Loaders | 417 | 0.36 | 7 | 6 | 2026 | 0.37116 | 2.588289 | 2.452164 | 0.009786 | 0.098508 | 0.087874 | 1046.888 | 0.047466 | 0.008483 |
| 8 | L-02 | Below-Grade Construction | Excavator | Diesel | 2 | 10 | Excavators | 108 | 0.38 | 5 | 3 | 2026 | 0.266264 | 1.827497 | 5.557869 | 0.008825 | 0.088026 | 0.080984 | 955.237 | 0.038749 | 0.00775 |
| 9 | L-03 | Below-Grade Construction | Forklift - 15 K Reach | Diesel | 3 | 8 | Forklifts | 130 | 0.2 | 5 | 4 | 2026 | 0.264524 | 1.973717 | 4.345106 | 0.006702 | 0.099946 | 0.091122 | 725.6289 | 0.029435 | 0.005887 |
| 10 | L-03 | Below-Grade Construction | Backhoe - 2X4 | Diesel | 2 | 6 | Excavators | 68 | 0.38 | 3 | 2 | 2026 | 0.497255 | 3.656965 | 2.867659 | 0.003362 | 0.378505 | 0.348224 | 364.97 | 0.014805 | 0.002961 |
| 11 | L-03 | Below-Grade Construction | Excavator - Mini | Diesel | 1 | 5 | Excavators | 70 | 0.38 | 3 | 2 | 2026 | 0.213284 | 1.568551 | 1.230001 | 0.001442 | 0.162349 | 0.149361 | 156.5435 | 0.00635 | 0.00127 |
| 12 | L-03 | Below-Grade Construction | Generator - 25 Kw | Diesel | 1 | 10 | Generator Sets | 36 | 0.74 | 2 | 1 | 2026 | 0.19843 | 1.986562 | 2.191391 | 0.004415 | 0.064477 | 0.042759 | 333.7773 | 0.013539 | 0.002708 |
| 13 | L-03 | Below-Grade Construction | Loader - 4.5 Yd | Diesel | 1 | 10 | Rubber Tired Loaders | 230 | 0.36 | 6 | 5 | 2026 | 0.63917 | 4.882129 | 4.256122 | 0.017759 | 0.163929 | 0.150814 | 1922.513 | 0.077986 | 0.015597 |
| 14 | L-03 | Below-Grade Construction | Pressure Digger - Lo-Drill (T) | Diesel | 1 | 8 | Bore/Drill Rigs | 275 | 0.5 | 6 | 5 | 2026 | 0.282265 | 2.601523 | 2.573061 | 0.011773 | 0.085421 | 0.078587 | 1274.165 | 0.051686 | 0.010337 |
| 15 | L-03 | Below-Grade Construction | Excavator | Diesel | 1 | 10 | Excavators | 275 | 0.38 | 6 | 5 | 2026 | 0.299493 | 2.114678 | 2.532173 | 0.011243 | 0.071631 | 0.065901 | 1216.832 | 0.04936 | 0.009872 |
| 16 | L-03 | Below-Grade Construction | Trencher | Diesel | 1 | 5 | Trenchers | 75 | 0.5 | 4 | 3 | 2026 | 0.312351 | 3.08183 | 2.990568 | 0.004038 | 0.191488 | 0.176169 | 437.6353 | 0.017752 | 0.00355 |
| 17 | L-03 | Below-Grade Construction | Skid steer loader | Diesel | 2 | 10 | Skid Steer Loaders | 74 | 0.37 | 3 | 2 | 2026 | 0.161546 | 2.181793 | 3.916933 | 0.005896 | 0.062091 | 0.057124 | 638.1781 | 0.025887 | 0.005177 |
| 18 | L-03 | Below-Grade Construction | Wire Trailer/Tensioner | Diesel | 1 | 5 | Other Construction Equipment | 175 | 0.42 | 6 | 5 | 2026 | 0.165642 | 1.659343 | 1.11341 | 0.00396 | 0.066025 | 0.060743 | 428.804 | 0.017394 | 0.003479 |
| 19 | L-03 | Below-Grade Construction | Wire Puller | Diesel | 1 | 5 | Other Construction Equipment | 175 | 0.42 | 6 | 5 | 2026 | 0.165642 | 1.659343 | 1.11341 | 0.00396 | 0.066025 | 0.060743 | 428.804 | 0.017394 | 0.003479 |
| 20 | L-04 | Above-Grade Construction | Wire Trailer/Tensioner | Diesel | 1 | 5 | Other Construction Equipment | 175 | 0.42 | 6 | 5 | 2026 | 0.165642 | 1.659343 | 1.11341 | 0.00396 | 0.066025 | 0.060743 | 428.804 | 0.017394 | 0.003479 |
| 21 | L-04 | Above-Grade Construction | Wire Puller | Diesel | 1 | 5 | Other Construction Equipment | 175 | 0.42 | 6 | 5 | 2026 | 0.165642 | 1.659343 | 1.11341 | 0.00396 | 0.066025 | 0.060743 | 428.804 | 0.017394 | 0.003479 |
| 22 | L-04 | Above-Grade Construction | Crane - 200 Ton | Diesel | 1 | 4 | Cranes | 275 | 0.29 | 6 | 5 | 2026 | 0.175753 | 1.765645 | 1.043341 | 0.003426 | 0.073449 | 0.067579 | 371.0214 | 0.01505 | 0.00301 |
| 23 | L-04 | Above-Grade Construction | Generator - 25 Kw | Diesel | 2 | 10 | Generator Sets | 36 | 0.74 | 2 | 1 | 2026 | 0.396859 | 3.973124 | 4.382782 | 0.008635 | 0.092954 | 0.085118 | 667.5546 | 0.027079 | 0.005887 |
| 24 | L-04 | Above-Grade Construction | Crane - 35 Ton (Manlift) | Diesel | 2 | 4 | Cranes | 250 | 0.29 | 6 | 5 | 2026 | 0.399439 | 4.012825 | 2.371228 | 0.007786 | 0.16693 | 0.153751 | 843.2305 | 0.034205 | 0.006841 |
| 25 | L-04 | Above-Grade Construction | Forklift - 10 K Reach | Diesel | 2 | 4 | Forklifts | 130 | 0.2 | 5 | 4 | 2026 | 0.088175 | 0.657906 | 1.448369 | 0.002234 | 0.030315 | 0.030374 | 341.8763 | 0.009812 | 0.001962 |
| 26 | L-04 | Above-Grade Construction | Forklift - 15,000 lb | Diesel | 1 | 4 | Forklifts | 130 | 0.2 | 5 | 4 | 2026 | 0.044087 | 0.328953 | 0.724184 | 0.001117 | 0.016508 | 0.015187 | 120.9381 | 0.004906 | 0.000881 |
| 27 | L-04 | Above-Grade Construction | Loader - 4.5 Yd | Diesel | 2 | 5 | Rubber Tired Loaders | 74 | 0.36 | 3 | 2 | 2026 | 1.145721 | 9.073461 | 3.714154 | 0.002839 | 0.652549 | 0.612029 | 310.1138 | 0.01258 | 0.002516 |
| 28 | L-04 | Above-Grade Construction | 120' Manlift | Diesel | 2 | 4 | Aerial Lifts | 74 | 0.31 | 3 | 2 | 2026 | 0.041555 | 0.282427 | 1.27938 | 0.001974 | 0.01236 | 0.011372 | 213.5724 | 0.008663 | 0.001733 |
| 29 | P-05 | Foundation Installation | Pressure Digger - Lo-Drill (T) | Diesel | 1 | 8 | Bore/Drill Rigs | 275 | 0.5 | 6 | 5 | 2026 | 0.282265 | 2.601523 | 2.573061 | 0.011773 | 0.085421 | 0.078587 | 1274.165 | 0.051686 | 0.010337 |
| 30 | P-05 | Foundation Installation | Skid steer loader | Diesel | 1 | 10 | Skid Steer Loaders | 74 | 0.37 | 3 | 2 | 2026 | 0.080773 | 1.090896 | 1.958466 | 0.002948 | 0.031046 | 0.028562 | 319.089 | 0.012944 | 0.002589 |
| 31 | P-05 | Foundation Installation | Forklift - 10 K Reach | Diesel | 2 | 8 | Forklifts | 130 | 0.2 | 5 | 4 | 2026 | 0.17635 | 1.315811 | 2.896737 | 0.004468 | 0.060748 | 0.060748 | 483.7526 | 0.019623 | 0.003925 |
| 32 | P-05 | Foundation Installation | Crane - 35 Ton (Manlift) | Diesel | 1 | 4 | Cranes | 250 | 0.29 | 6 | 5 | 2026 | 0.159776 | 1.605132 | 0.948492 | 0.003114 | 0.066772 | 0.06143 | 337.2922 | 0.013682 | 0.002736 |
| 33 | P-05 | Foundation Installation | Loader - 4.5 Yd | Diesel | 1 | 8 | Rubber Tired Loaders | 230 | 0.36 | 6 | 5 | 2026 | 0.255668 | 1.952852 | 1.702465 | 0.007103 | 0.065571 | 0.060326 | 769.0052 | 0.031194 | 0.006239 |
| 34 | P-05 | Foundation Installation | Rough Terrain Crane | Diesel | 1 | 2 | Cranes | 185 | 0.29 | 6 | 5 | 2026 | 0.059117 | 0.593899 | 0.350942 | 0.001152 | 0.024706 | 0.022729 | 124.7981 | 0.005062 | 0.001012 |
| 35 | P-05 | Foundation Installation | Motor Grader | Diesel | 1 | 10 | Graders | 250 | 0.41 | 6 | 5 | 2026 | 0.495057 | 4.788108 | 2.704096 | 0.011013 | 0.161019 | 0.148137 | 1192.456 | 0.048371 | 0.009674 |
| 36 | P-05 | Foundation Installation | D6 Type Dozer | Diesel | 1 | 10 | Rubber Tired Dozers | 250 | 0.4 | 6 | 5 | 2026 | 1.051061 | 11.20188 | 7.866908 | 0.010746 | 0.496453 | 0.456737 | 1165.117 | 0.047262 | 0.009452 |
| 37 | P-05 | Foundation Installation | Excavator | Diesel | 1 | 10 | Excavators | 250 | 0.38 | 6 | 5 | 2026 | 0.272267 | 1.922435 | 2.301975 | 0.010221 | 0.065119 | 0.05991 | 1106.211 | 0.044873 | 0.008975 |
| 38 | P-05 | Foundation Installation | Vibratory Roller | Diesel | 1 | 10 | Rollers | 125 | 0.38 | 5 | 4 | 2026 | 0.126311 | 1.047514 | 3.048293 | 0.051033 | 0.046582 | 0.042856 | 552.2573 | 0.022402 | 0.00448 |
| 39 | P-06 | Structure Installation | Crane - 35 Ton (Manlift) | Diesel | 2 | 10 | Cranes | 250 | 0.29 | 6 | 5 | 2026 | 0.798879 | 8.025658 | 4.742458 | 0.015572 | 0.338359 | 0.307151 | 1686.461 | 0.06941 | 0.013682 |
| 40 | P-06 | Structure Installation | Forklift - 15,000 lb | Diesel | 1 | 5 | Forklifts | 130 | 0.2 | 5 | 4 | 2026 | 0.055109 | 0.411191 | 0.905233 | 0.001396 | 0.009385 | 0.018984 | 351.1727 | 0.006132 | 0.001283 |
| 41 | P-06 | Structure Installation | Crane - 200 Ton | Diesel | 1 | 10 | Cranes | 275 | 0.29 | 6 | 5 | 2026 | 0.439383 | 4.414112 | 2.608352 | 0.008565 | 0.183623 | 0.168933 | 927.5536 | 0.037626 | 0.007255 |
| 42 | P-06 | Structure Installation | 844 Loader | Diesel | 1 | 8 | Rubber Tired Loaders | 417 | 0.36 | 7 | 6 | 2026 | 0.49488 | 3.451053 | 3.269552 | 0.012893 | 0.128673 | 0.118379 | 1395.84 | 0.056621 | 0.011324 |
| 43 | P-07 | Conductor Installation | Crane - 35 Ton (Manlift) | Diesel | 6 | 10 | Cranes | 250 | 0.29 | 6 | 5 | 2026 | 2.396636 | 24.07697 | 14.22737 | 0.046717 | 1.001578 | 0.921452 | 5059.383 | 0.205231 | 0.041046 |
| 44 | P-07 | Conductor Installation | D8 Sag Dozer | Diesel | 3 | 10 | Rubber Tired Dozers | 200 | 0.4 | 6 | 5 | 2026 | 2.522547 | 26.8845 | 18.88058 | 0.02579 | 1.919487 | 1.96168 | 2796.282 | 0.113429 | 0.022686 |
| 45 | P-07 | Conductor Installation | Wire Puller | Diesel | 1 | 5 | Other Construction Equipment | 175 | 0.42 | 6 | 5 | 2026 | 0.165642 | 1.659343 | 1.11341 | 0.00396 | 0.066025 | 0.060743 | 428.804 | 0.017394 | 0.003479 |
| 46 | P-07 | Conductor Installation | Wire Trailer/Tensioner | Diesel | 1 | 5 | Other Construction Equipment | 175 | 0.42 | 6 | 5 | 2026 | 0.165642 | 1.659343 | 1.11341 | 0.00396 | 0.066025 | 0.060743 | 428.804 | 0.017394 | 0.003479 |
| 47 | L-08 | Access Road Construction | Motor Grader | Diesel | 1 | 10 | Graders | 250 | 0.41 | 6 | 5 | 2026 | 0.495057 | 4.788108 | 2.704096 | 0.011013 | 0.161019 | 0.148137 | 1192.456 | 0.048371 | 0.009674 |
| 48 | L-08 | Access Road Construction | Skid steer loader | Diesel | 1 | 10 | Skid Steer Loaders | 74 | 0.37 | 3 | 2 | 2026 | 0.080773 | 1.090896 | 1.958466 | 0.002948 | 0.031046 | 0.028562 | 319.089 | 0.012944 | 0.002589 |
| 49 | L-08 | Access Road Construction | D6 Type Dozer | Diesel | 1 | 10 | Rubber Tired Dozers | 250 | 0.4 | 6 | 5 | 2026 | 1.051061 | 11.20188 | 7.866908 | 0.010746 | 0.496453 | 0.456737 | 1165.117 | 0.047262 | 0.009452 |
| 50 | L-08 | Access Road Construction | Excavator | Diesel | 1 | 10 | Excavators | 250 | 0.38 | 6 | 5 | 2026 | 0.272267 | 1.922435 | 2.301975 | 0.010221 | | | | | |

| Count | Activity Index | Activity Name | Equipment Name | Fuel Type | Quantity | Hours Per Day | CalEEModType | HP | LF | CalEEMod Bin | Tier Bin | Year | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O | |
|-------|----------------|--|--------------------------------|-----------|----------|---------------|------------------------------|----|-----|--------------|----------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 88 | L-14 | Submarine Cable Installation | Termination Genset | Diesel | 1 | 12 | Generator Sets | | 50 | 0.74 | 2 | 2026 | 0.330716 | 3.310937 | 3.652319 | 0.007192 | 0.077462 | 0.071265 | 556.2955 | 0.022566 | 0.004513 | |
| 89 | L-14 | Submarine Cable Installation | Assist Barge- Crane | Diesel | 1 | 12 | Cranes | | 200 | 0.29 | 6 | 5 | 2026 | 0.383462 | 3.852316 | 2.27638 | 0.007475 | 0.160253 | 0.147432 | 809.5013 | 0.032837 | 0.006567 |
| 90 | L-15 | Southern Transition Approach Construction | Onshore Excavator | Diesel | 1 | 12 | Excavators | | 600 | 0.38 | 8 | 7 | 2026 | 0.988418 | 8.569614 | 7.762158 | 0.029573 | 0.303215 | 0.278958 | 3201.296 | 0.129859 | 0.025972 |
| 91 | L-15 | Southern Transition Approach Construction | Onshore End Loader | Diesel | 1 | 12 | Tractors/Loaders/Backhoes | | 250 | 0.37 | 6 | 5 | 2026 | 0.388015 | 3.122449 | 2.984535 | 0.011927 | 0.122041 | 0.112277 | 1291.073 | 0.052372 | 0.010474 |
| 92 | L-15 | Southern Transition Approach Construction | Onshore Crane | Diesel | 1 | 12 | Cranes | | 180 | 0.29 | 6 | 5 | 2026 | 0.345116 | 3.467084 | 2.048742 | 0.006727 | 0.144227 | 0.132689 | 728.5512 | 0.029553 | 0.005911 |
| 93 | L-15 | Southern Transition Approach Construction | Crane - 200 Ton | Diesel | 1 | 6 | Cranes | | 275 | 0.29 | 6 | 5 | 2026 | 0.26369 | 2.648467 | 1.565011 | 0.005139 | 0.110174 | 0.10136 | 556.5321 | 0.022575 | 0.004515 |
| 94 | L-15 | Southern Transition Approach Construction | Onshore Vibratory Hammer | Diesel | 1 | 12 | Other Construction Equipment | | 300 | 0.42 | 7 | 6 | 2026 | 0.495921 | 4.260493 | 4.128836 | 0.016276 | 0.160944 | 0.149069 | 1761.765 | 0.071465 | 0.014293 |
| 95 | L-15 | Southern Transition Approach Construction | Air Compressor | Diesel | 1 | 12 | Air Compressors | | 50 | 0.48 | 2 | 2 | 2026 | 0.325158 | 2.314727 | 3.061692 | 0.004665 | 0.062577 | 0.057571 | 360.8225 | 0.014637 | 0.002927 |
| 96 | L-15 | Southern Transition Approach Construction | Onshore Dewatering Equip | Diesel | 2 | 12 | Other Construction Equipment | | 50 | 0.42 | 3 | 2 | 2026 | 1.776081 | 10.91399 | 5.26779 | 0.005388 | 0.839533 | 0.772371 | 580.7643 | 0.023558 | 0.004712 |
| 97 | L-16 | Substation Getaways | Generator - 25 Kw | Diesel | 2 | 10 | Generator Sets | | 36 | 0.74 | 2 | 1 | 2026 | 0.396859 | 3.973124 | 4.382782 | 0.00863 | 0.092954 | 0.085518 | 667.5546 | 0.027079 | 0.005416 |
| 98 | L-16 | Substation Getaways | Crane - 35 Ton (Manlift) | Diesel | 2 | 5 | Cranes | | 250 | 0.29 | 6 | 5 | 2026 | 0.399439 | 4.012829 | 2.371229 | 0.00786 | 0.16693 | 0.153575 | 843.2305 | 0.034205 | 0.006841 |
| 99 | L-16 | Substation Getaways | Forklift - 10 K Reach | Diesel | 2 | 4 | Forklifts | | 130 | 0.2 | 5 | 4 | 2026 | 0.088175 | 0.657906 | 1.448369 | 0.002234 | 0.033015 | 0.030374 | 241.8763 | 0.009812 | 0.001962 |
| 100 | L-16 | Substation Getaways | Forklift - 15,000 lb | Diesel | 1 | 4 | Forklifts | | 130 | 0.2 | 5 | 4 | 2026 | 0.044087 | 0.328953 | 0.724184 | 0.001117 | 0.016508 | 0.015187 | 120.9381 | 0.004906 | 0.000981 |
| 101 | L-16 | Substation Getaways | Loader - 4-5 Yd | Diesel | 2 | 5 | Rubber Tired Loaders | | 74 | 0.36 | 3 | 2 | 2026 | 1.145721 | 9.073461 | 3.714154 | 0.002839 | 0.665249 | 0.612029 | 310.1138 | 0.01258 | 0.002516 |
| 102 | L-16 | Substation Getaways | Wire Trailer/ Tensioner | Diesel | 1 | 5 | Other Construction Equipment | | 175 | 0.42 | 6 | 5 | 2026 | 0.165642 | 1.659343 | 1.11341 | 0.00396 | 0.066025 | 0.060743 | 428.804 | 0.017394 | 0.003479 |
| 103 | L-16 | Substation Getaways | Wire Puller | Diesel | 1 | 5 | Other Construction Equipment | | 175 | 0.42 | 6 | 5 | 2026 | 0.165642 | 1.659343 | 1.11341 | 0.00396 | 0.066025 | 0.060743 | 428.804 | 0.017394 | 0.003479 |
| 104 | L-16 | Substation Getaways | Skid steer loader | Diesel | 2 | 10 | Skid Steer Loaders | | 74 | 0.37 | 3 | 2 | 2026 | 0.161546 | 2.181793 | 3.916933 | 0.005896 | 0.062091 | 0.057124 | 638.1781 | 0.025887 | 0.005177 |
| 105 | L-16 | Substation Getaways | Backhoe - ZX4 | Diesel | 2 | 6 | Excavators | | 68 | 0.38 | 3 | 2 | 2026 | 0.497255 | 3.656965 | 2.867659 | 0.003362 | 0.378505 | 0.348224 | 364.97 | 0.014805 | 0.002961 |
| 106 | P-17 | Distribution Extension to Substation | Wire Trailer/ Tensioner | Diesel | 1 | 5 | Other Construction Equipment | | 175 | 0.42 | 6 | 5 | 2026 | 0.165642 | 1.659343 | 1.11341 | 0.00396 | 0.066025 | 0.060743 | 428.804 | 0.017394 | 0.003479 |
| 107 | P-17 | Distribution Extension to Substation | Wire Puller | Diesel | 1 | 5 | Other Construction Equipment | | 175 | 0.42 | 6 | 5 | 2026 | 0.165642 | 1.659343 | 1.11341 | 0.00396 | 0.066025 | 0.060743 | 428.804 | 0.017394 | 0.003479 |
| 108 | P-17 | Distribution Extension to Substation | Crane - 35 Ton (Manlift) | Diesel | 2 | 10 | Cranes | | 250 | 0.29 | 6 | 5 | 2026 | 0.798879 | 8.025658 | 4.742458 | 0.015572 | 0.333859 | 0.307151 | 1686.461 | 0.06841 | 0.013682 |
| 109 | P-17 | Distribution Extension to Substation | Forklift - 15 K Reach | Diesel | 2 | 6 | Forklifts | | 130 | 0.2 | 5 | 4 | 2026 | 0.132262 | 0.986858 | 2.172553 | 0.003351 | 0.049523 | 0.045561 | 362.8144 | 0.014717 | 0.002943 |
| 110 | P-17 | Distribution Extension to Substation | Pressure Digger - Lo-Drill (T) | Diesel | 1 | 8 | Bore/Drill Rigs | | 275 | 0.5 | 6 | 5 | 2026 | 0.282265 | 2.601523 | 2.579061 | 0.011773 | 0.085421 | 0.078587 | 1274.165 | 0.051886 | 0.010337 |
| 111 | P-17 | Distribution Extension to Substation | Skid steer loader | Diesel | 2 | 10 | Skid Steer Loaders | | 74 | 0.37 | 3 | 2 | 2026 | 0.161546 | 2.181793 | 3.916933 | 0.005896 | 0.062091 | 0.057124 | 638.1781 | 0.025887 | 0.005177 |
| 112 | P-17 | Distribution Extension to Substation | Backhoe - ZX4 | Diesel | 1 | 8 | Excavators | | 68 | 0.38 | 3 | 2 | 2026 | 0.331504 | 2.437977 | 1.911772 | 0.002241 | 0.52336 | 0.232149 | 343.3133 | 0.00987 | 0.001974 |
| 113 | L-18 | Fiber Extension to Substation | Crane - 35 Ton (Manlift) | Diesel | 2 | 10 | Cranes | | 250 | 0.29 | 6 | 5 | 2026 | 0.798879 | 8.025658 | 4.742458 | 0.015572 | 0.333859 | 0.307151 | 1686.461 | 0.06841 | 0.013682 |
| 114 | L-18 | Fiber Extension to Substation | Forklift - 10 K Reach | Diesel | 1 | 5 | Forklifts | | 130 | 0.2 | 5 | 4 | 2026 | 0.055109 | 0.411191 | 0.90523 | 0.001396 | 0.020635 | 0.018984 | 151.1727 | 0.006132 | 0.001226 |
| 115 | L-18 | Fiber Extension to Substation | Excavator - Mini | Diesel | 2 | 5 | Excavators | | 70 | 0.38 | 3 | 2 | 2026 | 0.426567 | 3.137103 | 2.460001 | 0.002884 | 0.324697 | 0.298722 | 313.087 | 0.0127 | 0.00254 |
| 116 | L-18 | Fiber Extension to Substation | Skid steer loader | Diesel | 2 | 10 | Skid Steer Loaders | | 74 | 0.37 | 3 | 2 | 2026 | 0.161546 | 2.181793 | 3.916933 | 0.005896 | 0.062091 | 0.057124 | 638.1781 | 0.025887 | 0.005177 |
| 117 | L-18 | Fiber Extension to Substation | Trencher | Diesel | 1 | 10 | Trenchers | | 75 | 0.5 | 4 | 3 | 2026 | 0.312351 | 3.08183 | 2.990568 | 0.004038 | 0.191488 | 0.176169 | 437.6353 | 0.017752 | 0.00355 |
| 118 | L-18 | Fiber Extension to Substation | Wire Trailer/ Tensioner | Diesel | 1 | 5 | Other Construction Equipment | | 175 | 0.42 | 6 | 5 | 2026 | 0.165642 | 1.659343 | 1.11341 | 0.00396 | 0.066025 | 0.060743 | 428.804 | 0.017394 | 0.003479 |
| 119 | L-18 | Fiber Extension to Substation | Wire Puller | Diesel | 1 | 5 | Other Construction Equipment | | 175 | 0.42 | 6 | 5 | 2026 | 0.165642 | 1.659343 | 1.11341 | 0.00396 | 0.066025 | 0.060743 | 428.804 | 0.017394 | 0.003479 |
| 120 | P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | Crane - 35 Ton (Manlift) | Diesel | 2 | 10 | Cranes | | 250 | 0.29 | 6 | 5 | 2026 | 0.798879 | 8.025658 | 4.742458 | 0.015572 | 0.333859 | 0.307151 | 1686.461 | 0.06841 | 0.013682 |
| 121 | P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | Forklift - 15,000 lb | Diesel | 1 | 4 | Forklifts | | 130 | 0.2 | 5 | 4 | 2026 | 0.044087 | 0.328953 | 0.724184 | 0.001117 | 0.016508 | 0.015187 | 120.9381 | 0.004906 | 0.000981 |
| 122 | P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | Manlift - 40' | Diesel | 3 | 10 | Aerial Lifts | | 49 | 0.31 | 2 | 1 | 2026 | 0.153184 | 2.887125 | 3.089707 | 0.005448 | 0.020799 | 0.019135 | 589.6267 | 0.023918 | 0.004784 |
| 123 | P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | 120' Manlift | Diesel | 2 | 4 | Aerial Lifts | | 74 | 0.31 | 3 | 2 | 2026 | 0.041555 | 0.628427 | 1.27938 | 0.001974 | 0.01236 | 0.011372 | 213.5724 | 0.008663 | 0.001733 |
| 124 | L-20 | Commissioning and Testing | Manlift - 40' | Diesel | 3 | 10 | Aerial Lifts | | 49 | 0.31 | 2 | 1 | 2026 | 0.153184 | 2.887125 | 3.089707 | 0.005448 | 0.020799 | 0.019135 | 589.6267 | 0.023918 | 0.004784 |
| 125 | L-20 | Commissioning and Testing | Deck Generator | Diesel | 1 | 8 | Generator Sets | | 170 | 0.74 | 2 | 4 | 2026 | 0.749623 | 7.50479 | 8.278589 | 0.016301 | 0.17558 | 0.161533 | 1260.936 | 0.051149 | 0.01023 |
| 126 | L-20 | Commissioning and Testing | Crane - 35 Ton (Manlift) | Diesel | 2 | 10 | Cranes | | 250 | 0.29 | 6 | 5 | 2026 | 0.798879 | 8.025658 | 4.742458 | 0.015572 | 0.333859 | 0.307151 | 1686.461 | 0.06841 | 0.013682 |
| 127 | L-21 | Cleanup and Restoration | Motor Grader | Diesel | 2 | 10 | Graders | | 250 | 0.41 | 6 | 5 | 2026 | 0.990114 | 9.576215 | 5.408193 | 0.022025 | 0.322037 | 0.296274 | 2384.912 | 0.096742 | 0.019348 |
| 128 | L-21 | Cleanup and Restoration | Backhoe - ZX4 | Diesel | 2 | 8 | Excavators | | 68 | 0.38 | 3 | 2 | 2026 | 0.663007 | 4.875954 | 3.823545 | 0.004483 | 0.504673 | 0.464299 | 486.6267 | 0.01974 | 0.003948 |
| 129 | L-21 | Cleanup and Restoration | Skid steer loader | Diesel | 1 | 10 | Skid Steer Loaders | | 74 | 0.37 | 3 | 2 | 2026 | 0.080773 | 1.090896 | 1.958466 | 0.002948 | 0.031046 | 0.028562 | 319.089 | 0.012944 | 0.002580 |
| 130 | L-21 | Cleanup and Restoration | Excavator | Diesel | 1 | 10 | Excavators | | 250 | 0.38 | 6 | 5 | 2026 | 0.772267 | 1.922435 | 2.301975 | 0.010221 | 0.065119 | 0.058991 | 1106.211 | 0.048973 | 0.008975 |
| 131 | L-21 | Cleanup and Restoration | 06 Type Dozer | Diesel | 1 | 10 | Rubber Tired Dozers | | 250 | 0.4 | 6 | 5 | 2026 | 1.051061 | 11.20188 | 7.866908 | 0.010746 | 0.496453 | 0.456377 | 1165.117 | 0.047262 | 0.009452 |

Table 18: Off-Road Uncontrolled Emissions (tons)

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1 | L-02 | 76 | 0.024288 | 0.185521 | 0.161734 | 0.000675 | 0.006229 | 0.005731 | 73.0555 | 0.002963 | 0.000593 |
| 2 | L-02 | 76 | 0.037624 | 0.363896 | 0.205511 | 0.000837 | 0.012237 | 0.011258 | 90.62666 | 0.003676 | 0.000735 |
| 3 | L-02 | 76 | 0.129297 | 1.1479 | 1.015019 | 0.003221 | 0.044766 | 0.041184 | 348.7694 | 0.014148 | 0.00283 |
| 4 | L-02 | 76 | 0.012057 | 0.099992 | 0.290978 | 0.000487 | 0.004447 | 0.004091 | 52.71627 | 0.002138 | 0.000428 |
| 5 | L-02 | 76 | 0.015081 | 0.150979 | 0.166546 | 0.000328 | 0.003532 | 0.00325 | 25.36708 | 0.001029 | 0.000206 |
| 6 | L-02 | 76 | 0.010052 | 0.075001 | 0.165114 | 0.000255 | 0.003764 | 0.003463 | 27.5739 | 0.001119 | 0.000224 |
| 7 | L-02 | 76 | 0.014104 | 0.098355 | 0.093182 | 0.000367 | 0.003667 | 0.003374 | 39.78145 | 0.001614 | 0.000323 |
| 8 | L-03 | 152 | 0.020236 | 0.13889 | 0.422398 | 0.000671 | 0.00669 | 0.006155 | 72.59801 | 0.002945 | 0.000589 |
| 9 | L-03 | 152 | 0.020104 | 0.150002 | 0.330228 | 0.000509 | 0.007527 | 0.006925 | 55.14779 | 0.002237 | 0.000447 |
| 10 | L-03 | 152 | 0.037791 | 0.277929 | 0.217942 | 0.000256 | 0.028766 | 0.026465 | 27.73772 | 0.001125 | 0.000225 |
| 11 | L-03 | 152 | 0.01621 | 0.11921 | 0.09348 | 0.00011 | 0.012339 | 0.011351 | 11.89731 | 0.000483 | 9.65E-05 |
| 12 | L-03 | 152 | 0.015081 | 0.150979 | 0.166546 | 0.000328 | 0.003532 | 0.00325 | 25.36708 | 0.001029 | 0.000206 |
| 13 | L-03 | 152 | 0.048577 | 0.371042 | 0.323468 | 0.00135 | 0.012459 | 0.011462 | 146.111 | 0.005927 | 0.001185 |
| 14 | L-03 | 152 | 0.021452 | 0.197716 | 0.195553 | 0.000895 | 0.006492 | 0.005973 | 96.83652 | 0.003928 | 0.000786 |
| 15 | L-03 | 152 | 0.022761 | 0.160716 | 0.192445 | 0.000854 | 0.005444 | 0.005008 | 92.47923 | 0.003751 | 0.00075 |
| 16 | L-03 | 152 | 0.023739 | 0.234219 | 0.227283 | 0.000307 | 0.014553 | 0.013389 | 33.26029 | 0.001349 | 0.00027 |
| 17 | L-03 | 152 | 0.012278 | 0.165816 | 0.297687 | 0.000448 | 0.004719 | 0.004341 | 48.50153 | 0.001967 | 0.000393 |
| 18 | L-03 | 152 | 0.012589 | 0.12611 | 0.084619 | 0.000301 | 0.005018 | 0.004616 | 32.5891 | 0.001322 | 0.000264 |
| 19 | L-03 | 152 | 0.012589 | 0.12611 | 0.084619 | 0.000301 | 0.005018 | 0.004616 | 32.5891 | 0.001322 | 0.000264 |
| 20 | L-04 | 333 | 0.027579 | 0.276281 | 0.185383 | 0.000659 | 0.010993 | 0.010114 | 71.39586 | 0.002896 | 0.000579 |
| 21 | L-04 | 333 | 0.027579 | 0.276281 | 0.185383 | 0.000659 | 0.010993 | 0.010114 | 71.39586 | 0.002896 | 0.000579 |
| 22 | L-04 | 333 | 0.029263 | 0.29398 | 0.173716 | 0.00057 | 0.012229 | 0.011251 | 61.77507 | 0.002506 | 0.000501 |
| 23 | L-04 | 333 | 0.066077 | 0.661525 | 0.729733 | 0.001437 | 0.015477 | 0.014239 | 111.1478 | 0.004509 | 0.000902 |
| 24 | L-04 | 333 | 0.066507 | 0.668136 | 0.39481 | 0.001296 | 0.027794 | 0.02557 | 140.3979 | 0.005695 | 0.001139 |
| 25 | L-04 | 333 | 0.014681 | 0.109541 | 0.241153 | 0.000372 | 0.005497 | 0.005057 | 40.2724 | 0.001634 | 0.000327 |
| 26 | L-04 | 333 | 0.007341 | 0.054771 | 0.120577 | 0.000186 | 0.002749 | 0.002529 | 20.1362 | 0.000817 | 0.000163 |
| 27 | L-04 | 333 | 0.190763 | 1.510731 | 0.618407 | 0.000473 | 0.110764 | 0.101903 | 51.63394 | 0.002094 | 0.000419 |
| 28 | L-04 | 333 | 0.006919 | 0.104633 | 0.213017 | 0.000329 | 0.002058 | 0.001893 | 35.5598 | 0.001442 | 0.000288 |
| 29 | P-05 | 40 | 0.005645 | 0.05203 | 0.051461 | 0.000235 | 0.001708 | 0.001572 | 25.4833 | 0.001034 | 0.000207 |
| 30 | P-05 | 40 | 0.001615 | 0.021818 | 0.039169 | 5.9E-05 | 0.000621 | 0.000571 | 6.381781 | 0.000259 | 5.18E-05 |
| 31 | P-05 | 40 | 0.003527 | 0.026316 | 0.057935 | 8.94E-05 | 0.001321 | 0.001215 | 9.675052 | 0.000392 | 7.85E-05 |
| 32 | P-05 | 40 | 0.003196 | 0.032103 | 0.01897 | 6.23E-05 | 0.001335 | 0.001229 | 6.745844 | 0.000274 | 5.47E-05 |

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 33 | P-05 | 40 | 0.005113 | 0.039057 | 0.034049 | 0.000142 | 0.001311 | 0.001207 | 15.3801 | 0.000624 | 0.000125 |
| 34 | P-05 | 40 | 0.001182 | 0.011878 | 0.007019 | 2.3E-05 | 0.000494 | 0.000455 | 2.495962 | 0.000101 | 2.02E-05 |
| 35 | P-05 | 40 | 0.009901 | 0.095762 | 0.054082 | 0.00022 | 0.00322 | 0.002963 | 23.84912 | 0.000967 | 0.000193 |
| 36 | P-05 | 40 | 0.021021 | 0.224038 | 0.157338 | 0.000215 | 0.009929 | 0.009135 | 23.30235 | 0.000945 | 0.000189 |
| 37 | P-05 | 40 | 0.005445 | 0.038449 | 0.04604 | 0.000204 | 0.001302 | 0.001198 | 22.12422 | 0.000897 | 0.000179 |
| 38 | P-05 | 40 | 0.002526 | 0.02095 | 0.060966 | 0.000102 | 0.000932 | 0.000857 | 11.04515 | 0.000448 | 8.96E-05 |
| 39 | P-06 | 21 | 0.008388 | 0.084269 | 0.049796 | 0.000164 | 0.003506 | 0.003225 | 17.70784 | 0.000718 | 0.000144 |
| 40 | P-06 | 21 | 0.000579 | 0.004318 | 0.009505 | 1.47E-05 | 0.000217 | 0.000199 | 1.587313 | 6.44E-05 | 1.29E-05 |
| 41 | P-06 | 21 | 0.004614 | 0.046348 | 0.027388 | 8.99E-05 | 0.001928 | 0.001774 | 9.739312 | 0.000395 | 7.9E-05 |
| 42 | P-06 | 21 | 0.005196 | 0.036236 | 0.03433 | 0.000135 | 0.001351 | 0.001243 | 14.65632 | 0.000595 | 0.000119 |
| 43 | P-07 | 20 | 0.023966 | 0.24077 | 0.142274 | 0.000467 | 0.010016 | 0.009215 | 50.59383 | 0.002052 | 0.00041 |
| 44 | P-07 | 20 | 0.025225 | 0.268845 | 0.188806 | 0.000258 | 0.011915 | 0.010962 | 27.96282 | 0.001134 | 0.000227 |
| 45 | P-07 | 20 | 0.001656 | 0.016593 | 0.011134 | 3.96E-05 | 0.00066 | 0.000607 | 4.28804 | 0.000174 | 3.48E-05 |
| 46 | P-07 | 20 | 0.001656 | 0.016593 | 0.011134 | 3.96E-05 | 0.00066 | 0.000607 | 4.28804 | 0.000174 | 3.48E-05 |
| 47 | L-08 | 16 | 0.00396 | 0.038305 | 0.021633 | 8.81E-05 | 0.001288 | 0.001185 | 9.539648 | 0.000387 | 7.74E-05 |
| 48 | L-08 | 16 | 0.000646 | 0.008727 | 0.015668 | 2.36E-05 | 0.000248 | 0.000228 | 2.552712 | 0.000104 | 2.07E-05 |
| 49 | L-08 | 16 | 0.008408 | 0.089615 | 0.062935 | 8.6E-05 | 0.003972 | 0.003654 | 9.32094 | 0.000378 | 7.56E-05 |
| 50 | L-08 | 16 | 0.002178 | 0.015379 | 0.018416 | 8.18E-05 | 0.000521 | 0.000479 | 8.849688 | 0.000359 | 7.18E-05 |
| 51 | L-08 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52 | L-09 | 22 | 0.003105 | 0.028617 | 0.028304 | 0.00013 | 0.00094 | 0.000864 | 14.01581 | 0.000569 | 0.000114 |
| 53 | L-09 | 22 | 0.000889 | 0.012 | 0.021543 | 3.24E-05 | 0.000342 | 0.000314 | 3.509979 | 0.000142 | 2.85E-05 |
| 54 | L-09 | 22 | 0.00194 | 0.014474 | 0.031864 | 4.91E-05 | 0.000726 | 0.000668 | 5.321278 | 0.000216 | 4.32E-05 |
| 55 | L-09 | 22 | 0.001758 | 0.017656 | 0.010433 | 3.43E-05 | 0.000734 | 0.000676 | 3.710214 | 0.000151 | 3.01E-05 |
| 56 | L-09 | 22 | 0.005444 | 0.037962 | 0.035965 | 0.000142 | 0.001415 | 0.001302 | 15.35424 | 0.000623 | 0.000125 |
| 57 | L-09 | 22 | 0.00065 | 0.006533 | 0.00386 | 1.27E-05 | 0.000272 | 0.00025 | 1.372779 | 5.57E-05 | 1.11E-05 |
| 58 | L-10 | 24 | 0.009587 | 0.096308 | 0.056909 | 0.000187 | 0.004006 | 0.003686 | 20.23753 | 0.000821 | 0.000164 |
| 59 | L-10 | 24 | 0.000661 | 0.004934 | 0.010863 | 1.68E-05 | 0.000248 | 0.000228 | 1.814072 | 7.36E-05 | 1.47E-05 |
| 60 | L-10 | 24 | 0.005273 | 0.052969 | 0.0313 | 0.000103 | 0.002203 | 0.002027 | 11.13064 | 0.000452 | 9.03E-05 |
| 61 | L-10 | 24 | 0.005939 | 0.041413 | 0.039235 | 0.000155 | 0.001544 | 0.001421 | 16.75008 | 0.000679 | 0.000136 |
| 62 | L-11 | 26 | 0.031156 | 0.313001 | 0.184956 | 0.000607 | 0.013021 | 0.011979 | 65.77198 | 0.002668 | 0.000534 |
| 63 | L-11 | 26 | 0.032793 | 0.349499 | 0.245448 | 0.000335 | 0.015489 | 0.01425 | 36.35167 | 0.001475 | 0.000295 |
| 64 | L-11 | 26 | 0.002153 | 0.021571 | 0.014474 | 5.15E-05 | 0.000858 | 0.00079 | 5.574452 | 0.000226 | 4.52E-05 |
| 65 | L-11 | 26 | 0.002153 | 0.021571 | 0.014474 | 5.15E-05 | 0.000858 | 0.00079 | 5.574452 | 0.000226 | 4.52E-05 |

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 66 | L-11 | 26 | 0.009745 | 0.097562 | 0.107622 | 0.000212 | 0.002283 | 0.0021 | 16.39217 | 0.000665 | 0.000133 |
| 67 | L-11 | 26 | 0.004266 | 0.037668 | 0.060569 | 9.38E-05 | 0.001947 | 0.001791 | 10.15245 | 0.000412 | 8.24E-05 |
| 68 | L-12 | 150 | 0.003076 | 0.027164 | 0.04368 | 6.76E-05 | 0.001404 | 0.001292 | 7.321479 | 0.000297 | 5.94E-05 |
| 69 | L-12 | 150 | 0.006389 | 0.064003 | 0.042946 | 0.000153 | 0.002547 | 0.002343 | 16.53958 | 0.000671 | 0.000134 |
| 70 | L-12 | 150 | 0.047879 | 0.440351 | 0.50282 | 0.000944 | 0.01083 | 0.009964 | 73.02071 | 0.002962 | 0.000592 |
| 71 | L-12 | 150 | 0.325755 | 3.261273 | 3.597534 | 0.007084 | 0.0763 | 0.070196 | 547.9511 | 0.022227 | 0.004445 |
| 72 | L-12 | 150 | 0.042993 | 0.430422 | 0.474801 | 0.000935 | 0.01007 | 0.009264 | 72.31842 | 0.002934 | 0.000587 |
| 73 | L-12 | 150 | 0.016258 | 0.115736 | 0.153085 | 0.000233 | 0.003129 | 0.002879 | 18.04113 | 0.000732 | 0.000146 |
| 74 | L-12 | 150 | 0.057688 | 0.544777 | 0.414529 | 0.001806 | 0.018578 | 0.017092 | 195.4924 | 0.00793 | 0.001586 |
| 75 | L-12 | 150 | 0.017256 | 0.173354 | 0.102437 | 0.000336 | 0.007211 | 0.006634 | 36.42756 | 0.001478 | 0.000296 |
| 76 | L-12 | 150 | 0.003458 | 0.026564 | 0.033432 | 5.47E-05 | 0.000711 | 0.000654 | 4.228419 | 0.000172 | 3.43E-05 |
| 77 | L-13 | 25 | 0.003994 | 0.040128 | 0.023712 | 7.79E-05 | 0.001669 | 0.001536 | 8.432305 | 0.000342 | 6.84E-05 |
| 78 | L-13 | 25 | 0.00937 | 0.09381 | 0.103482 | 0.000204 | 0.002195 | 0.002019 | 15.76171 | 0.000639 | 0.000128 |
| 79 | L-13 | 25 | 0.00271 | 0.019289 | 0.025514 | 3.89E-05 | 0.000521 | 0.00048 | 3.006854 | 0.000122 | 2.44E-05 |
| 80 | L-13 | 25 | 0.054293 | 0.543545 | 0.599589 | 0.001181 | 0.012717 | 0.011699 | 91.32518 | 0.003705 | 0.000741 |
| 81 | L-14 | 147 | 0.012683 | 0.127415 | 0.075291 | 0.000247 | 0.0053 | 0.004876 | 26.77426 | 0.001086 | 0.000217 |
| 82 | L-14 | 147 | 0.024117 | 0.212966 | 0.342449 | 0.00053 | 0.011006 | 0.010126 | 57.4004 | 0.002328 | 0.000466 |
| 83 | L-14 | 147 | 0.072923 | 0.730062 | 0.805336 | 0.001586 | 0.01708 | 0.015714 | 122.6632 | 0.004976 | 0.000995 |
| 84 | L-14 | 147 | 0.018088 | 0.159725 | 0.256837 | 0.000398 | 0.008255 | 0.007594 | 43.0503 | 0.001746 | 0.000349 |
| 85 | L-14 | 147 | 0.348557 | 3.205755 | 3.66053 | 0.006872 | 0.078845 | 0.072537 | 531.5908 | 0.021564 | 0.004313 |
| 86 | L-14 | 147 | 0.018088 | 0.159725 | 0.256837 | 0.000398 | 0.008255 | 0.007594 | 43.0503 | 0.001746 | 0.000349 |
| 87 | L-14 | 147 | 0.047798 | 0.340265 | 0.450069 | 0.000686 | 0.009199 | 0.008463 | 53.04091 | 0.002152 | 0.00043 |
| 88 | L-14 | 147 | 0.024308 | 0.243354 | 0.268445 | 0.000529 | 0.005693 | 0.005238 | 40.88772 | 0.001659 | 0.000332 |
| 89 | L-14 | 147 | 0.028184 | 0.283145 | 0.167314 | 0.000549 | 0.011779 | 0.010836 | 59.49835 | 0.002414 | 0.000483 |
| 90 | L-15 | 138 | 0.068201 | 0.591303 | 0.535589 | 0.002041 | 0.020922 | 0.019248 | 220.8894 | 0.00896 | 0.001792 |
| 91 | L-15 | 138 | 0.026773 | 0.215449 | 0.205933 | 0.000823 | 0.008421 | 0.007747 | 89.08404 | 0.003614 | 0.000723 |
| 92 | L-15 | 138 | 0.023813 | 0.239229 | 0.141363 | 0.000464 | 0.009952 | 0.009156 | 50.27003 | 0.002039 | 0.000408 |
| 93 | L-15 | 138 | 0.01819 | 0.182744 | 0.107986 | 0.000355 | 0.007602 | 0.006994 | 38.40072 | 0.001558 | 0.000312 |
| 94 | L-15 | 138 | 0.034219 | 0.293974 | 0.28489 | 0.001123 | 0.011105 | 0.010217 | 121.5618 | 0.004931 | 0.000986 |
| 95 | L-15 | 138 | 0.022436 | 0.159716 | 0.211257 | 0.000322 | 0.004318 | 0.003972 | 24.89675 | 0.00101 | 0.000202 |
| 96 | L-15 | 138 | 0.08805 | 0.753065 | 0.363478 | 0.000368 | 0.057928 | 0.053294 | 40.07274 | 0.001626 | 0.000325 |
| 97 | L-16 | 70 | 0.01389 | 0.139059 | 0.153397 | 0.000302 | 0.003253 | 0.002993 | 23.36441 | 0.000948 | 0.00019 |
| 98 | L-16 | 70 | 0.01398 | 0.140449 | 0.082993 | 0.000273 | 0.005843 | 0.005375 | 29.51307 | 0.001197 | 0.000239 |

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 99 | L-16 | 70 | 0.003086 | 0.023027 | 0.050693 | 7.82E-05 | 0.001156 | 0.001063 | 8.46567 | 0.000343 | 6.87E-05 |
| 100 | L-16 | 70 | 0.001543 | 0.011513 | 0.025346 | 3.91E-05 | 0.000578 | 0.000532 | 4.232835 | 0.000172 | 3.43E-05 |
| 101 | L-16 | 70 | 0.0401 | 0.317571 | 0.129995 | 9.94E-05 | 0.023284 | 0.021421 | 10.85398 | 0.00044 | 8.81E-05 |
| 102 | L-16 | 70 | 0.005797 | 0.058077 | 0.038969 | 0.000139 | 0.002311 | 0.002126 | 15.00814 | 0.000609 | 0.000122 |
| 103 | L-16 | 70 | 0.005797 | 0.058077 | 0.038969 | 0.000139 | 0.002311 | 0.002126 | 15.00814 | 0.000609 | 0.000122 |
| 104 | L-16 | 70 | 0.005654 | 0.076363 | 0.137093 | 0.000206 | 0.002173 | 0.001999 | 22.33623 | 0.000906 | 0.000181 |
| 105 | L-16 | 70 | 0.017404 | 0.127994 | 0.100368 | 0.000118 | 0.013248 | 0.012188 | 12.77395 | 0.000518 | 0.000104 |
| 106 | P-17 | 51 | 0.004224 | 0.042313 | 0.028392 | 0.000101 | 0.001684 | 0.001549 | 10.9345 | 0.000444 | 8.87E-05 |
| 107 | P-17 | 51 | 0.004224 | 0.042313 | 0.028392 | 0.000101 | 0.001684 | 0.001549 | 10.9345 | 0.000444 | 8.87E-05 |
| 108 | P-17 | 51 | 0.020371 | 0.204654 | 0.120933 | 0.000397 | 0.008513 | 0.007832 | 43.00476 | 0.001744 | 0.000349 |
| 109 | P-17 | 51 | 0.003373 | 0.025165 | 0.0554 | 8.55E-05 | 0.001263 | 0.001162 | 9.251768 | 0.000375 | 7.51E-05 |
| 110 | P-17 | 51 | 0.007198 | 0.066339 | 0.065613 | 0.0003 | 0.002178 | 0.002004 | 32.4912 | 0.001318 | 0.000264 |
| 111 | P-17 | 51 | 0.004119 | 0.055636 | 0.099882 | 0.00015 | 0.001583 | 0.001457 | 16.27354 | 0.00066 | 0.000132 |
| 112 | P-17 | 51 | 0.008453 | 0.062168 | 0.04875 | 5.72E-05 | 0.006435 | 0.00592 | 6.20449 | 0.000252 | 5.03E-05 |
| 113 | L-18 | 103 | 0.041142 | 0.413321 | 0.244237 | 0.000802 | 0.017194 | 0.015818 | 86.85274 | 0.003523 | 0.000705 |
| 114 | L-18 | 103 | 0.002838 | 0.021176 | 0.046619 | 7.19E-05 | 0.001063 | 0.000978 | 7.785393 | 0.000316 | 6.32E-05 |
| 115 | L-18 | 103 | 0.021968 | 0.161561 | 0.12669 | 0.000149 | 0.016722 | 0.015384 | 16.12398 | 0.000654 | 0.000131 |
| 116 | L-18 | 103 | 0.00832 | 0.112362 | 0.201722 | 0.000304 | 0.003198 | 0.002942 | 32.86617 | 0.001333 | 0.000267 |
| 117 | L-18 | 103 | 0.016086 | 0.158714 | 0.154014 | 0.000208 | 0.009862 | 0.009073 | 22.53822 | 0.000914 | 0.000183 |
| 118 | L-18 | 103 | 0.008531 | 0.085456 | 0.057341 | 0.000204 | 0.0034 | 0.003128 | 22.08341 | 0.000896 | 0.000179 |
| 119 | L-18 | 103 | 0.008531 | 0.085456 | 0.057341 | 0.000204 | 0.0034 | 0.003128 | 22.08341 | 0.000896 | 0.000179 |
| 120 | P-19 | 102 | 0.040743 | 0.409309 | 0.241865 | 0.000794 | 0.017027 | 0.015665 | 86.00951 | 0.003489 | 0.000698 |
| 121 | P-19 | 102 | 0.002248 | 0.016777 | 0.036933 | 5.7E-05 | 0.000842 | 0.000775 | 6.167845 | 0.00025 | 5E-05 |
| 122 | P-19 | 102 | 0.007812 | 0.147243 | 0.157575 | 0.000278 | 0.001061 | 0.000976 | 30.07096 | 0.00122 | 0.000244 |
| 123 | P-19 | 102 | 0.002119 | 0.03205 | 0.065248 | 0.000101 | 0.00063 | 0.00058 | 10.89219 | 0.000442 | 8.84E-05 |
| 124 | L-20 | 174 | 0.013327 | 0.25118 | 0.268805 | 0.000474 | 0.00181 | 0.001665 | 51.29752 | 0.002081 | 0.000416 |
| 125 | L-20 | 174 | 0.065217 | 0.652917 | 0.720237 | 0.001418 | 0.015275 | 0.014053 | 109.7015 | 0.00445 | 0.00089 |
| 126 | L-20 | 174 | 0.069502 | 0.698232 | 0.412594 | 0.001355 | 0.029046 | 0.026722 | 146.7221 | 0.005952 | 0.00119 |
| 127 | L-21 | 140 | 0.069308 | 0.670335 | 0.378573 | 0.001542 | 0.022543 | 0.020739 | 166.9438 | 0.006772 | 0.001354 |
| 128 | L-21 | 140 | 0.046411 | 0.341317 | 0.267648 | 0.000314 | 0.035327 | 0.032501 | 34.06387 | 0.001382 | 0.000276 |
| 129 | L-21 | 140 | 0.005654 | 0.076363 | 0.137093 | 0.000206 | 0.002173 | 0.001999 | 22.33623 | 0.000906 | 0.000181 |
| 130 | L-21 | 140 | 0.019059 | 0.13457 | 0.161138 | 0.000715 | 0.004558 | 0.004194 | 77.43477 | 0.003141 | 0.000628 |
| 131 | L-21 | 140 | 0.073574 | 0.784131 | 0.550684 | 0.000752 | 0.034752 | 0.031972 | 81.55822 | 0.003308 | 0.000662 |

Table 19: Off-Road Controlled Daily Emissions (pounds/day)

| Count | Activity Index | Activity Name | Equipment Name | Fuel Type | Quantity | Hours Per Day | CA/EEModType | HP | LF | CA/EEMod Bin | Tier Bin Name | Year | ROG | NOX | CO | SO2 | PM10 | PM2.5 | 1922 | CH4 | N2O |
|-------|----------------|--------------------------------|--------------------------------|-----------|----------|---------------|------------------------------|-----|------|--------------|---------------|------|-----------|----------|-----------|----------|----------|----------|----------|----------|----------|
| 1 | L-02 | Site Development/Staging Yards | Loader - 4.5 Yd | Diesel | 2 | 10 | Rubber Tired Loaders | 230 | 0.36 | 0.182543 | 0.949221 | 2026 | 0.182543 | 0.949221 | 0.492212 | 0.017759 | 0.036509 | 0.036509 | 1922.513 | 0.007398 | 0.015197 |
| 2 | L-02 | Site Development/Staging Yards | Motor Grader | Diesel | 2 | 10 | Graders | 250 | 0.41 | 0.225974 | 1.175062 | 2026 | 0.225974 | 1.175062 | 1.175062 | 0.020225 | 0.045195 | 0.045195 | 2384.912 | 0.096742 | 0.019348 |
| 3 | L-02 | Site Development/Staging Yards | Scrapper | Diesel | 4 | 10 | Scrapers | 410 | 0.48 | 0.867738 | 4.12224 | 2026 | 0.867738 | 4.12224 | 4.12224 | 0.084772 | 0.173548 | 0.173548 | 9178.141 | 0.373206 | 0.074461 |
| 4 | L-02 | Site Development/Staging Yards | Vibratory Roller | Diesel | 2 | 10 | Rollers | 157 | 0.38 | 0.132528 | 0.683944 | 2026 | 0.132528 | 0.683944 | 0.9733045 | 0.012818 | 0.028306 | 0.028306 | 1387.27 | 0.056274 | 0.011255 |
| 5 | L-02 | Site Development/Staging Yards | Generator - 25 Kw | Diesel | 2 | 10 | Generator Sets | 36 | 0.74 | 0.396859 | 3.97124 | 2026 | 0.396859 | 3.97124 | 4.382782 | 0.008683 | 0.029540 | 0.029540 | 317.989 | 0.027079 | 0.005416 |
| 6 | L-02 | Site Development/Staging Yards | Forklift - 15,000 lb | Diesel | 4 | 6 | Forklifts | 130 | 0.2 | 0.068784 | 0.37678 | 2026 | 0.068784 | 0.37678 | 5.090027 | 0.006702 | 0.013757 | 0.013757 | 725.6289 | 0.029435 | 0.005887 |
| 7 | L-02 | Site Development/Staging Yards | 844 Loader | Diesel | 4 | 6 | Rubber Tired Loaders | 417 | 0.36 | 0.099287 | 0.516294 | 2026 | 0.099287 | 0.516294 | 5.162938 | 0.00967 | 0.019857 | 0.019857 | 1046.88 | 0.042466 | 0.008493 |
| 8 | L-03 | Below-Grade Construction | Excavator | Diesel | 2 | 10 | Excavators | 108 | 0.38 | 0.090478 | 0.470484 | 2026 | 0.090478 | 0.470484 | 6.695343 | 0.008825 | 0.018096 | 0.018096 | 955.237 | 0.038749 | 0.00775 |
| 9 | L-03 | Below-Grade Construction | Forklift - 15 K Reach | Diesel | 3 | 8 | Forklifts | 130 | 0.2 | 0.068784 | 0.37678 | 2026 | 0.068784 | 0.37678 | 5.090027 | 0.006702 | 0.013757 | 0.013757 | 725.6289 | 0.029435 | 0.005887 |
| 10 | L-03 | Below-Grade Construction | Backhoe - 2X4 | Diesel | 2 | 6 | Excavators | 68 | 0.38 | 0.049755 | 3.659695 | 2026 | 0.049755 | 3.659695 | 2.867659 | 0.003362 | 0.037805 | 0.037805 | 364.97 | 0.014805 | 0.002961 |
| 11 | L-03 | Below-Grade Construction | Excavator - Mini | Diesel | 1 | 5 | Excavators | 70 | 0.38 | 0.213284 | 1.568551 | 2026 | 0.213284 | 1.568551 | 1.230001 | 0.001442 | 0.162349 | 0.162349 | 156.5435 | 0.00635 | 0.00127 |
| 12 | L-03 | Below-Grade Construction | Generator - 25 Kw | Diesel | 1 | 10 | Generator Sets | 36 | 0.74 | 0.19843 | 1.986562 | 2026 | 0.19843 | 1.986562 | 2.191391 | 0.004315 | 0.046477 | 0.046477 | 333.7773 | 0.013339 | 0.002708 |
| 13 | L-03 | Below-Grade Construction | Loader - 4.5 Yd | Diesel | 2 | 10 | Rubber Tired Loaders | 230 | 0.36 | 0.182543 | 0.949221 | 2026 | 0.182543 | 0.949221 | 0.492212 | 0.017759 | 0.036509 | 0.036509 | 1922.513 | 0.007398 | 0.015197 |
| 14 | L-03 | Below-Grade Construction | Pressure Digger - Lo-Drill (T) | Diesel | 1 | 8 | Bore/Drill Rigs | 275 | 0.5 | 0.121254 | 0.630521 | 2026 | 0.121254 | 0.630521 | 6.305213 | 0.017773 | 0.024251 | 0.024251 | 1274.165 | 0.051686 | 0.010337 |
| 15 | L-03 | Below-Grade Construction | Excavator | Diesel | 1 | 10 | Excavators | 275 | 0.38 | 0.115191 | 0.589995 | 2026 | 0.115191 | 0.589995 | 5.899952 | 0.011243 | 0.023038 | 0.023038 | 1216.832 | 0.04936 | 0.009872 |
| 16 | L-03 | Below-Grade Construction | Trencher | Diesel | 2 | 5 | Trenchers | 75 | 0.5 | 0.312351 | 3.08183 | 2026 | 0.312351 | 3.08183 | 2.990568 | 0.004038 | 0.193488 | 0.193488 | 457.6353 | 0.071752 | 0.00355 |
| 17 | L-03 | Below-Grade Construction | Skid Steer loader | Diesel | 2 | 10 | Skid Steer Loaders | 74 | 0.37 | 0.161546 | 2.189793 | 2026 | 0.161546 | 2.189793 | 3.916933 | 0.005896 | 0.063091 | 0.063091 | 638.1781 | 0.017587 | 0.005177 |
| 18 | L-03 | Below-Grade Construction | Wire Trailer/ Tensioner | Diesel | 1 | 5 | Other Construction Equipment | 175 | 0.42 | 0.04051 | 0.210651 | 2026 | 0.04051 | 0.210651 | 2.106514 | 0.00396 | 0.080102 | 0.080102 | 428.804 | 0.017394 | 0.003479 |
| 19 | L-03 | Below-Grade Construction | Wire Puller | Diesel | 1 | 5 | Other Construction Equipment | 175 | 0.42 | 0.04051 | 0.210651 | 2026 | 0.04051 | 0.210651 | 2.106514 | 0.00396 | 0.080102 | 0.080102 | 428.804 | 0.017394 | 0.003479 |
| 20 | L-04 | Above-Grade Construction | Wire Trailer/ Tensioner | Diesel | 1 | 5 | Other Construction Equipment | 175 | 0.42 | 0.04051 | 0.210651 | 2026 | 0.04051 | 0.210651 | 2.106514 | 0.00396 | 0.080102 | 0.080102 | 428.804 | 0.017394 | 0.003479 |
| 21 | L-04 | Above-Grade Construction | Wire Puller | Diesel | 1 | 5 | Other Construction Equipment | 175 | 0.42 | 0.04051 | 0.210651 | 2026 | 0.04051 | 0.210651 | 2.106514 | 0.00396 | 0.080102 | 0.080102 | 428.804 | 0.017394 | 0.003479 |
| 22 | L-04 | Above-Grade Construction | Crane - 200 Ton | Diesel | 1 | 4 | Cranes | 275 | 0.29 | 0.035164 | 0.182851 | 2026 | 0.035164 | 0.182851 | 1.828512 | 0.003426 | 0.007033 | 0.007033 | 371.0214 | 0.01505 | 0.00301 |
| 23 | L-04 | Above-Grade Construction | Generator - 25 Kw | Diesel | 2 | 10 | Generator Sets | 36 | 0.74 | 0.396859 | 3.97124 | 2026 | 0.396859 | 3.97124 | 4.382782 | 0.008683 | 0.029540 | 0.029540 | 367.5546 | 0.027079 | 0.005416 |
| 24 | L-04 | Above-Grade Construction | Crane - 35 Ton (Manlift) | Diesel | 2 | 5 | Cranes | 250 | 0.29 | 0.079917 | 0.415571 | 2026 | 0.079917 | 0.415571 | 4.155709 | 0.007786 | 0.015983 | 0.015983 | 843.2305 | 0.034205 | 0.006481 |
| 25 | L-04 | Above-Grade Construction | Forklift - 10 K Reach | Diesel | 2 | 4 | Forklifts | 130 | 0.2 | 0.022928 | 0.119226 | 2026 | 0.022928 | 0.119226 | 1.696676 | 0.004586 | 0.004586 | 0.004586 | 241.8763 | 0.009820 | 0.001962 |
| 26 | L-04 | Above-Grade Construction | Forklift - 15,000 lb | Diesel | 1 | 4 | Forklifts | 130 | 0.2 | 0.011464 | 0.059613 | 2026 | 0.011464 | 0.059613 | 0.848338 | 0.001117 | 0.002293 | 0.002293 | 120.9381 | 0.004906 | 0.000881 |
| 27 | L-04 | Above-Grade Construction | Loader - 4.5 Yd | Diesel | 2 | 5 | Rubber Tired Loaders | 74 | 0.36 | 0.145721 | 0.973461 | 2026 | 0.145721 | 0.973461 | 3.714154 | 0.002839 | 0.065249 | 0.065249 | 310.1138 | 0.012056 | 0.002516 |
| 28 | L-04 | Above-Grade Construction | 120' Manlift | Diesel | 2 | 4 | Aerial Lifts | 74 | 0.31 | 0.041555 | 0.28427 | 2026 | 0.041555 | 0.28427 | 1.27938 | 0.001974 | 0.01236 | 0.01236 | 213.5724 | 0.008663 | 0.001733 |
| 29 | P-05 | Foundation Installation | Pressure Digger - Lo-Drill (T) | Diesel | 1 | 8 | Bore/Drill Rigs | 275 | 0.5 | 0.121254 | 0.630521 | 2026 | 0.121254 | 0.630521 | 6.305213 | 0.017773 | 0.024251 | 0.024251 | 1274.165 | 0.051686 | 0.010337 |
| 30 | P-05 | Foundation Installation | Skid Steer loader | Diesel | 1 | 10 | Skid Steer Loaders | 74 | 0.37 | 0.161546 | 2.189793 | 2026 | 0.161546 | 2.189793 | 3.916933 | 0.005896 | 0.063091 | 0.063091 | 638.1781 | 0.017587 | 0.005177 |
| 31 | P-05 | Foundation Installation | Forklift - 10 K Reach | Diesel | 1 | 8 | Forklifts | 130 | 0.2 | 0.048586 | 0.238452 | 2026 | 0.048586 | 0.238452 | 3.293351 | 0.004468 | 0.009171 | 0.009171 | 483.7526 | 0.019623 | 0.003925 |
| 32 | P-05 | Foundation Installation | Crane - 35 Ton (Manlift) | Diesel | 1 | 4 | Cranes | 250 | 0.29 | 0.031967 | 0.166228 | 2026 | 0.031967 | 0.166228 | 1.662283 | 0.003114 | 0.006393 | 0.006393 | 337.2922 | 0.013682 | 0.002736 |
| 33 | P-05 | Foundation Installation | Loader - 4.5 Yd | Diesel | 1 | 8 | Rubber Tired Loaders | 230 | 0.36 | 0.073017 | 0.379688 | 2026 | 0.073017 | 0.379688 | 3.796885 | 0.007103 | 0.014603 | 0.014603 | 769.0052 | 0.031194 | 0.006239 |
| 34 | P-05 | Foundation Installation | Rough Terrain Crane | Diesel | 1 | 2 | Cranes | 185 | 0.29 | 0.011828 | 0.061504 | 2026 | 0.011828 | 0.061504 | 0.615045 | 0.001152 | 0.002366 | 0.002366 | 124.7981 | 0.009026 | 0.001012 |
| 35 | P-05 | Foundation Installation | Motor Grader | Diesel | 1 | 10 | Graders | 250 | 0.41 | 0.112987 | 0.587531 | 2026 | 0.112987 | 0.587531 | 5.875312 | 0.011013 | 0.022597 | 0.022597 | 1192.456 | 0.048371 | 0.009674 |
| 36 | P-05 | Foundation Installation | D6 Type Dozer | Diesel | 1 | 10 | Rubber Tired Dozers | 250 | 0.4 | 0.110231 | 0.573201 | 2026 | 0.110231 | 0.573201 | 5.732012 | 0.010746 | 0.022046 | 0.022046 | 1165.117 | 0.047262 | 0.009452 |
| 37 | P-05 | Foundation Installation | Excavator | Diesel | 1 | 10 | Excavators | 250 | 0.38 | 0.104719 | 0.545441 | 2026 | 0.104719 | 0.545441 | 5.445411 | 0.010221 | 0.020944 | 0.020944 | 1106.211 | 0.044873 | 0.008975 |
| 38 | P-05 | Foundation Installation | Vibratory Roller | Diesel | 1 | 10 | Rollers | 125 | 0.38 | 0.05236 | 0.272271 | 2026 | 0.05236 | 0.272271 | 3.87462 | 0.005123 | 0.010472 | 0.010472 | 552.2573 | 0.024202 | 0.00448 |
| 39 | P-06 | Structure Installation | Crane - 35 Ton (Manlift) | Diesel | 2 | 10 | Cranes | 250 | 0.29 | 0.159835 | 0.831142 | 2026 | 0.159835 | 0.831142 | 8.311417 | 0.015572 | 0.031967 | 0.031967 | 1686.461 | 0.06841 | 0.013682 |
| 40 | P-06 | Structure Installation | Forklift - 15,000 lb | Diesel | 1 | 5 | Forklifts | 130 | 0.2 | 0.01433 | 0.074516 | 2026 | 0.01433 | 0.074516 | 1.060422 | 0.001396 | 0.002866 | 0.002866 | 151.1727 | 0.006362 | 0.001226 |
| 41 | P-06 | Structure Installation | Crane - 200 Ton | Diesel | 1 | 10 | Cranes | 275 | 0.29 | 0.087909 | 0.457128 | 2026 | 0.087909 | 0.457128 | 4.571279 | 0.008565 | 0.017582 | 0.017582 | 927.5536 | 0.037626 | 0.007525 |
| 42 | P-06 | Structure Installation | 844 Loader | Diesel | 1 | 8 | Rubber Tired Loaders | 417 | 0.36 | 0.132383 | 0.688392 | 2026 | 0.132383 | 0.688392 | 6.883917 | 0.012893 | 0.026477 | 0.026477 | 1395.84 | 0.056621 | 0.011324 |
| 43 | P-07 | Conductor Installation | Crane - 35 Ton (Manlift) | Diesel | 6 | 10 | Cranes | 250 | 0.29 | 0.0749505 | 2.493425 | 2026 | 0.0749505 | 2.493425 | 24.93425 | 0.046717 | 0.095901 | 0.095901 | 5059.383 | 0.052331 | 0.010406 |
| 44 | P-07 | Conductor Installation | D8 Sag Dozer | Diesel | 3 | 10 | Rubber Tired Dozers | 200 | 0.4 | 0.264554 | 1.375683 | 2026 | 0.264554 | 1.375683 | 13.75683 | 0.02579 | 0.052911 | 0.052911 | 2796.282 | 0.113429 | 0.022686 |
| 45 | P-07 | Conductor Installation | Wire Puller | Diesel | 1 | 5 | Other Construction Equipment | 175 | 0.42 | 0.04051 | 0.210651 | 2026 | 0.04051 | 0.210651 | 2.106514 | 0.00396 | 0.080102 | 0.080102 | 428.804 | 0.017394 | 0.003479 |
| 46 | P-07 | Conductor Installation | Wire Trailer/ Tensioner | Diesel | 1 | 5 | Other Construction Equipment | 175 | 0.42 | 0.04051 | 0.210651 | 2026 | 0.04051 | 0.210651 | 2.106514 | 0.00396 | 0.080102 | 0.080102 | 428.804 | 0.017394 | 0.003479 |
| 47 | L-08 | Access Road Construction | Motor Grader | Diesel | 1 | 10 | Graders | 250 | 0.41 | 0.112987 | 0.587531 | 2026 | 0.112987 | 0.587531 | 5.875312 | 0.011013 | 0.022597 | 0.022597 | 1192.456 | 0.048371 | 0.009674 |
| | | | | | | | | | | | | | | | | | | | | | |

| Count | Activity Index | Activity Name | Equipment Name | Fuel Type | Quantity | Hours Per Day | CA/EEModType | HP | LF | CA/EEMod Bin | Tier Bin Name | Year | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|--|--------------------------------|-----------|----------|---------------|------------------------------|-----|------|--------------|------------------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 90 | L-15 | Southern Transition Approach Construction | Onshore Excavator | Diesel | 1 | 12 | Excavators | 600 | 0.38 | | 8 Tier 4 Final_7 | 2026 | 0.301592 | 1.568278 | 15.68278 | 0.029573 | 0.060318 | 0.060318 | 3201.296 | 0.129859 | 0.025972 |
| 91 | L-15 | Southern Transition Approach Construction | Onshore End Loader | Diesel | 1 | 12 | Tractors/Loaders/Backhoes | 250 | 0.37 | | 6 Tier 4 Final_5 | 2026 | 0.122356 | 0.636253 | 6.362533 | 0.019271 | 0.024471 | 0.024471 | 1291.073 | 0.052372 | 0.010474 |
| 92 | L-15 | Southern Transition Approach Construction | Onshore Crane | Diesel | 1 | 12 | Cranes | 180 | 0.29 | | 6 Tier 4 Final_5 | 2026 | 0.069049 | 0.359053 | 3.590532 | 0.006727 | 0.01381 | 0.01381 | 728.5512 | 0.029553 | 0.005911 |
| 93 | L-15 | Southern Transition Approach Construction | Crane - 200 ton | Diesel | 1 | 6 | Cranes | 275 | 0.29 | | 6 Tier 4 Final_5 | 2026 | 0.052746 | 0.274277 | 2.742768 | 0.005139 | 0.010549 | 0.010549 | 556.5321 | 0.027575 | 0.004515 |
| 94 | L-15 | Southern Transition Approach Construction | Onshore Vibratory Hammer | Diesel | 1 | 12 | Other Construction Equipment | 300 | 0.42 | | 7 Tier 4 Final_6 | 2026 | 0.166669 | 0.86668 | 8.666802 | 0.016276 | 0.033334 | 0.033334 | 1761.765 | 0.071465 | 0.014293 |
| 95 | L-15 | Southern Transition Approach Construction | Air Compressor | Diesel | 1 | 12 | Air Compressors | 50 | 0.48 | | 2 Tier 4 Final_2 | 2026 | 0.325158 | 2.314727 | 3.061693 | 0.004665 | 0.063577 | 0.057671 | 360.8225 | 0.014637 | 0.002927 |
| 96 | L-15 | Southern Transition Approach Construction | Onshore Dewatering Equip | Diesel | 1 | 12 | Other Construction Equipment | 50 | 0.42 | | 2 Tier 4 Final_2 | 2026 | 1.276081 | 10.91399 | 5.26779 | 0.005338 | 0.839523 | 0.772371 | 580.7643 | 0.023568 | 0.004712 |
| 97 | L-16 | Substation Getaways | Generator - 25 Kw | Diesel | 2 | 10 | Generator Sets | 36 | 0.74 | | 2 Tier 4 Final_1 | 2026 | 0.396859 | 3.973124 | 4.38278 | 0.00863 | 0.092954 | 0.085518 | 667.5546 | 0.027079 | 0.005416 |
| 98 | L-16 | Substation Getaways | Crane - 35 Ton (Manlift) | Diesel | 2 | 5 | Cranes | 250 | 0.29 | | 6 Tier 4 Final_5 | 2026 | 0.079917 | 0.415571 | 4.155709 | 0.007786 | 0.015983 | 0.015983 | 843.2305 | 0.034205 | 0.006841 |
| 99 | L-16 | Substation Getaways | Forklift - 10 K Reach | Diesel | 2 | 4 | Forklifts | 130 | 0.2 | | 5 Tier 4 Final_4 | 2026 | 0.022928 | 0.119226 | 1.696676 | 0.002234 | 0.004586 | 0.004586 | 241.8763 | 0.009812 | 0.001962 |
| 100 | L-16 | Substation Getaways | Forklift -15,000 lb | Diesel | 1 | 4 | Forklifts | 130 | 0.2 | | 5 Tier 4 Final_4 | 2026 | 0.011464 | 0.059613 | 0.848338 | 0.001117 | 0.002293 | 0.002293 | 120.9381 | 0.004906 | 0.000981 |
| 101 | L-16 | Substation Getaways | Loader - 4-5 Yd | Diesel | 2 | 5 | Rubber Tired Loaders | 74 | 0.36 | | 3 Tier 4 Final_2 | 2026 | 1.145721 | 9.073461 | 3.714154 | 0.002839 | 0.665249 | 0.612029 | 310.1138 | 0.01258 | 0.002516 |
| 102 | L-16 | Substation Getaways | Wire Trailer/ Tensioner | Diesel | 1 | 5 | Other Construction Equipment | 175 | 0.42 | | 6 Tier 4 Final_5 | 2026 | 0.04051 | 0.210651 | 2.106514 | 0.00396 | 0.008102 | 0.008102 | 428.804 | 0.017394 | 0.003479 |
| 103 | L-16 | Substation Getaways | Wire Puller | Diesel | 1 | 5 | Other Construction Equipment | 175 | 0.42 | | 6 Tier 4 Final_5 | 2026 | 0.04051 | 0.210651 | 2.106514 | 0.00396 | 0.008102 | 0.008102 | 428.804 | 0.017394 | 0.003479 |
| 104 | L-16 | Substation Getaways | Skid steer loader | Diesel | 2 | 10 | Skid Steer Loaders | 74 | 0.37 | | 3 Tier 4 Final_2 | 2026 | 0.161546 | 2.181793 | 3.916933 | 0.005896 | 0.062091 | 0.057124 | 638.1781 | 0.025887 | 0.005177 |
| 105 | L-16 | Substation Getaways | Backhoe - 2X4 | Diesel | 2 | 6 | Excavators | 68 | 0.38 | | 3 Tier 4 Final_2 | 2026 | 0.497255 | 3.656965 | 2.867659 | 0.003362 | 0.378055 | 0.348224 | 364.97 | 0.014805 | 0.002961 |
| 106 | P-17 | Distribution Extension to Substation | Wire Trailer/ Tensioner | Diesel | 1 | 5 | Other Construction Equipment | 175 | 0.42 | | 6 Tier 4 Final_5 | 2026 | 0.04051 | 0.210651 | 2.106514 | 0.00396 | 0.008102 | 0.008102 | 428.804 | 0.017394 | 0.003479 |
| 107 | P-17 | Distribution Extension to Substation | Wire Puller | Diesel | 1 | 5 | Other Construction Equipment | 175 | 0.42 | | 6 Tier 4 Final_5 | 2026 | 0.04051 | 0.210651 | 2.106514 | 0.00396 | 0.008102 | 0.008102 | 428.804 | 0.017394 | 0.003479 |
| 108 | P-17 | Distribution Extension to Substation | Crane - 35 Ton (Manlift) | Diesel | 2 | 10 | Cranes | 250 | 0.29 | | 6 Tier 4 Final_5 | 2026 | 0.159835 | 0.831142 | 8.311417 | 0.015572 | 0.031967 | 0.031967 | 1686.461 | 0.06841 | 0.013682 |
| 109 | P-17 | Distribution Extension to Substation | Forklift - 15 K Reach | Diesel | 2 | 6 | Forklifts | 130 | 0.2 | | 5 Tier 4 Final_4 | 2026 | 0.034392 | 0.178839 | 2.545013 | 0.003351 | 0.006878 | 0.006878 | 362.8144 | 0.014717 | 0.002943 |
| 110 | P-17 | Distribution Extension to Substation | Pressure Digger - Lo-Drill (T) | Diesel | 1 | 8 | Bore/Drill Rigs | 275 | 0.5 | | 6 Tier 4 Final_5 | 2026 | 0.121254 | 0.630521 | 6.305213 | 0.011773 | 0.024251 | 0.024251 | 1274.165 | 0.051686 | 0.010337 |
| 111 | P-17 | Distribution Extension to Substation | Skid steer loader | Diesel | 2 | 10 | Skid Steer Loaders | 74 | 0.37 | | 3 Tier 4 Final_2 | 2026 | 0.161546 | 2.181793 | 3.916933 | 0.005896 | 0.062091 | 0.057124 | 638.1781 | 0.025887 | 0.005177 |
| 112 | P-17 | Distribution Extension to Substation | Backhoe - 2X4 | Diesel | 1 | 8 | Excavators | 68 | 0.38 | | 3 Tier 4 Final_2 | 2026 | 0.331504 | 2.437977 | 1.911772 | 0.002241 | 0.252336 | 0.232149 | 243.3133 | 0.009871 | 0.001974 |
| 113 | L-18 | Fiber Extension to Substation | Crane - 35 Ton (Manlift) | Diesel | 2 | 10 | Cranes | 250 | 0.29 | | 6 Tier 4 Final_5 | 2026 | 0.159835 | 0.831142 | 8.311417 | 0.015572 | 0.031967 | 0.031967 | 1686.461 | 0.06841 | 0.013682 |
| 114 | L-18 | Fiber Extension to Substation | Forklift - 10 K Reach | Diesel | 1 | 5 | Forklifts | 130 | 0.2 | | 5 Tier 4 Final_4 | 2026 | 0.01433 | 0.074516 | 1.060422 | 0.001396 | 0.002866 | 0.002866 | 151.1727 | 0.006132 | 0.001226 |
| 115 | L-18 | Fiber Extension to Substation | Excavator - Mini | Diesel | 2 | 5 | Excavators | 70 | 0.38 | | 6 Tier 4 Final_2 | 2026 | 0.426567 | 3.137103 | 2.460001 | 0.002884 | 0.324697 | 0.298722 | 313.087 | 0.0127 | 0.00254 |
| 116 | L-18 | Fiber Extension to Substation | Skid steer loader | Diesel | 2 | 10 | Skid Steer Loaders | 74 | 0.37 | | 3 Tier 4 Final_2 | 2026 | 0.161546 | 2.181793 | 3.916933 | 0.005896 | 0.062091 | 0.057124 | 638.1781 | 0.025887 | 0.005177 |
| 117 | L-18 | Fiber Extension to Substation | Trencher | Diesel | 1 | 10 | Trenchers | 75 | 0.5 | | 4 Tier 4 Final_3 | 2026 | 0.312351 | 3.08183 | 2.990568 | 0.004038 | 0.191488 | 0.176169 | 437.6353 | 0.017752 | 0.00355 |
| 118 | L-18 | Fiber Extension to Substation | Wire Trailer/ Tensioner | Diesel | 1 | 5 | Other Construction Equipment | 175 | 0.42 | | 6 Tier 4 Final_5 | 2026 | 0.04051 | 0.210651 | 2.106514 | 0.00396 | 0.008102 | 0.008102 | 428.804 | 0.017394 | 0.003479 |
| 119 | L-18 | Fiber Extension to Substation | Wire Puller | Diesel | 1 | 5 | Other Construction Equipment | 175 | 0.42 | | 6 Tier 4 Final_5 | 2026 | 0.04051 | 0.210651 | 2.106514 | 0.00396 | 0.008102 | 0.008102 | 428.804 | 0.017394 | 0.003479 |
| 120 | P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | Crane - 35 Ton (Manlift) | Diesel | 2 | 10 | Cranes | 250 | 0.29 | | 6 Tier 4 Final_5 | 2026 | 0.159835 | 0.831142 | 8.311417 | 0.015572 | 0.031967 | 0.031967 | 1686.461 | 0.06841 | 0.013682 |
| 121 | P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | Forklift -15,000 lb | Diesel | 1 | 4 | Forklifts | 130 | 0.2 | | 5 Tier 4 Final_4 | 2026 | 0.011464 | 0.059613 | 0.848338 | 0.001117 | 0.002293 | 0.002293 | 120.9381 | 0.004906 | 0.000981 |
| 122 | P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | Manlift - 40' | Diesel | 3 | 10 | Aerial Lifts | 49 | 0.31 | | 2 Tier 4 Final_1 | 2026 | 0.153184 | 2.887125 | 3.089707 | 0.005448 | 0.020799 | 0.019135 | 589.6267 | 0.023918 | 0.004784 |
| 123 | P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | 120' Manlift | Diesel | 2 | 4 | Aerial Lifts | 74 | 0.31 | | 3 Tier 4 Final_2 | 2026 | 0.041555 | 0.628427 | 1.27938 | 0.001974 | 0.01236 | 0.011372 | 213.5724 | 0.008663 | 0.001733 |
| 124 | L-20 | Commissioning and Testing | Manlift - 40' | Diesel | 3 | 10 | Aerial Lifts | 49 | 0.31 | | 2 Tier 4 Final_1 | 2026 | 0.153184 | 2.887125 | 3.089707 | 0.005448 | 0.020799 | 0.019135 | 589.6267 | 0.023918 | 0.004784 |
| 125 | L-20 | Commissioning and Testing | Deck Generator | Diesel | 1 | 8 | Generator Sets | 170 | 0.74 | | 2 Tier 4 Final_4 | 2026 | 0.110936 | 0.57687 | 8.2093 | 0.016301 | 0.022187 | 0.022187 | 1260.936 | 0.051149 | 0.01023 |
| 126 | L-20 | Commissioning and Testing | Crane - 35 Ton (Manlift) | Diesel | 2 | 10 | Cranes | 250 | 0.29 | | 6 Tier 4 Final_5 | 2026 | 0.159835 | 0.831142 | 8.311417 | 0.015572 | 0.031967 | 0.031967 | 1686.461 | 0.06841 | 0.013682 |
| 127 | L-21 | Cleanup and Restoration | Motor Grader | Diesel | 2 | 10 | Graders | 250 | 0.41 | | 6 Tier 4 Final_5 | 2026 | 0.225974 | 1.175062 | 11.75062 | 0.022025 | 0.045195 | 0.045195 | 2384.912 | 0.096742 | 0.019348 |
| 128 | L-21 | Cleanup and Restoration | Backhoe - 2X4 | Diesel | 2 | 8 | Excavators | 68 | 0.38 | | 3 Tier 4 Final_2 | 2026 | 0.663007 | 4.875954 | 3.823545 | 0.004483 | 0.504673 | 0.464299 | 486.6267 | 0.01974 | 0.003948 |
| 129 | L-21 | Cleanup and Restoration | Skid steer loader | Diesel | 1 | 10 | Skid Steer Loaders | 74 | 0.37 | | 3 Tier 4 Final_2 | 2026 | 0.080773 | 1.090896 | 1.958466 | 0.002948 | 0.031046 | 0.028562 | 319.089 | 0.012944 | 0.002589 |
| 130 | L-21 | Cleanup and Restoration | Excavator | Diesel | 1 | 10 | Excavators | 250 | 0.38 | | 6 Tier 4 Final_5 | 2026 | 0.104719 | 0.544541 | 5.445411 | 0.010221 | 0.020944 | 0.020944 | 1106.211 | 0.044873 | 0.008975 |
| 131 | L-21 | Cleanup and Restoration | D6 Type Dozer | Diesel | 1 | 10 | Rubber Tired Dozers | 250 | 0.4 | | 6 Tier 4 Final_5 | 2026 | 0.110231 | 0.573201 | 5.732012 | 0.010746 | 0.022046 | 0.022046 | 1165.117 | 0.047262 | 0.009452 |

Table 20: Off-Road Controlled Emissions (tons)

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1 | L-02 | 76 | 0.006937 | 0.03607 | 0.360704 | 0.000675 | 0.001387 | 0.001387 | 73.0555 | 0.002963 | 0.000593 |
| 2 | L-02 | 76 | 0.008587 | 0.044652 | 0.446524 | 0.000837 | 0.001717 | 0.001717 | 90.62666 | 0.003676 | 0.000735 |
| 3 | L-02 | 76 | 0.032974 | 0.171465 | 1.714651 | 0.003221 | 0.006595 | 0.006595 | 348.7694 | 0.014148 | 0.00283 |
| 4 | L-02 | 76 | 0.004998 | 0.02599 | 0.369856 | 0.000487 | 0.001 | 0.001 | 52.71627 | 0.002138 | 0.000428 |
| 5 | L-02 | 76 | 0.015081 | 0.150979 | 0.166546 | 0.000328 | 0.003532 | 0.00325 | 25.36708 | 0.001029 | 0.000206 |
| 6 | L-02 | 76 | 0.002614 | 0.013592 | 0.193421 | 0.000255 | 0.000523 | 0.000523 | 27.5739 | 0.001119 | 0.000224 |
| 7 | L-02 | 76 | 0.003773 | 0.019619 | 0.196192 | 0.000367 | 0.000755 | 0.000755 | 39.78145 | 0.001614 | 0.000323 |
| 8 | L-03 | 152 | 0.006876 | 0.035757 | 0.508846 | 0.000671 | 0.001375 | 0.001375 | 72.59801 | 0.002945 | 0.000589 |
| 9 | L-03 | 152 | 0.005228 | 0.027183 | 0.386842 | 0.000509 | 0.001046 | 0.001046 | 55.14779 | 0.002237 | 0.000447 |
| 10 | L-03 | 152 | 0.037791 | 0.277929 | 0.217942 | 0.000256 | 0.028766 | 0.026465 | 27.73772 | 0.001125 | 0.000225 |
| 11 | L-03 | 152 | 0.01621 | 0.11921 | 0.09348 | 0.00011 | 0.012339 | 0.011351 | 11.89731 | 0.000483 | 9.65E-05 |
| 12 | L-03 | 152 | 0.015081 | 0.150979 | 0.166546 | 0.000328 | 0.003532 | 0.00325 | 25.36708 | 0.001029 | 0.000206 |
| 13 | L-03 | 152 | 0.013873 | 0.072141 | 0.721408 | 0.00135 | 0.002775 | 0.002775 | 146.111 | 0.005927 | 0.001185 |
| 14 | L-03 | 152 | 0.009215 | 0.04792 | 0.479196 | 0.000895 | 0.001843 | 0.001843 | 96.83652 | 0.003928 | 0.000786 |
| 15 | L-03 | 152 | 0.008755 | 0.045524 | 0.455236 | 0.000854 | 0.001751 | 0.001751 | 92.47923 | 0.003751 | 0.00075 |
| 16 | L-03 | 152 | 0.023739 | 0.234219 | 0.227283 | 0.000307 | 0.014553 | 0.013389 | 33.26029 | 0.001349 | 0.00027 |
| 17 | L-03 | 152 | 0.012278 | 0.165816 | 0.297687 | 0.000448 | 0.004719 | 0.004341 | 48.50153 | 0.001967 | 0.000393 |
| 18 | L-03 | 152 | 0.003079 | 0.01601 | 0.160095 | 0.000301 | 0.000616 | 0.000616 | 32.5891 | 0.001322 | 0.000264 |
| 19 | L-03 | 152 | 0.003079 | 0.01601 | 0.160095 | 0.000301 | 0.000616 | 0.000616 | 32.5891 | 0.001322 | 0.000264 |
| 20 | L-04 | 333 | 0.006745 | 0.035073 | 0.350735 | 0.000659 | 0.001349 | 0.001349 | 71.39586 | 0.002896 | 0.000579 |
| 21 | L-04 | 333 | 0.006745 | 0.035073 | 0.350735 | 0.000659 | 0.001349 | 0.001349 | 71.39586 | 0.002896 | 0.000579 |
| 22 | L-04 | 333 | 0.005855 | 0.030445 | 0.304447 | 0.00057 | 0.001171 | 0.001171 | 61.77507 | 0.002506 | 0.000501 |
| 23 | L-04 | 333 | 0.066077 | 0.661525 | 0.729733 | 0.001437 | 0.015477 | 0.014239 | 111.1478 | 0.004509 | 0.000902 |
| 24 | L-04 | 333 | 0.013306 | 0.069193 | 0.691925 | 0.001296 | 0.002661 | 0.002661 | 140.3979 | 0.005695 | 0.001139 |
| 25 | L-04 | 333 | 0.003818 | 0.019851 | 0.282496 | 0.000372 | 0.000764 | 0.000764 | 40.2724 | 0.001634 | 0.000327 |
| 26 | L-04 | 333 | 0.001909 | 0.009926 | 0.141248 | 0.000186 | 0.000382 | 0.000382 | 20.1362 | 0.000817 | 0.000163 |
| 27 | L-04 | 333 | 0.190763 | 1.510731 | 0.618407 | 0.000473 | 0.110764 | 0.101903 | 51.63394 | 0.002094 | 0.000419 |
| 28 | L-04 | 333 | 0.006919 | 0.104633 | 0.213017 | 0.000329 | 0.002058 | 0.001893 | 35.5598 | 0.001442 | 0.000288 |
| 29 | P-05 | 40 | 0.002425 | 0.01261 | 0.126104 | 0.000235 | 0.000485 | 0.000485 | 25.4833 | 0.001034 | 0.000207 |
| 30 | P-05 | 40 | 0.001615 | 0.021818 | 0.039169 | 5.9E-05 | 0.000621 | 0.000571 | 6.381781 | 0.000259 | 5.18E-05 |
| 31 | P-05 | 40 | 0.000917 | 0.004769 | 0.067867 | 8.94E-05 | 0.000183 | 0.000183 | 9.675052 | 0.000392 | 7.85E-05 |
| 32 | P-05 | 40 | 0.000639 | 0.003325 | 0.033246 | 6.23E-05 | 0.000128 | 0.000128 | 6.745844 | 0.000274 | 5.47E-05 |
| 33 | P-05 | 40 | 0.00146 | 0.007594 | 0.075938 | 0.000142 | 0.000292 | 0.000292 | 15.3801 | 0.000624 | 0.000125 |

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 34 | P-05 | 40 | 0.000237 | 0.00123 | 0.012301 | 2.3E-05 | 4.73E-05 | 4.73E-05 | 2.495962 | 0.000101 | 2.02E-05 |
| 35 | P-05 | 40 | 0.00226 | 0.011751 | 0.117506 | 0.00022 | 0.000452 | 0.000452 | 23.84912 | 0.000967 | 0.000193 |
| 36 | P-05 | 40 | 0.002205 | 0.011464 | 0.11464 | 0.000215 | 0.000441 | 0.000441 | 23.30235 | 0.000945 | 0.000189 |
| 37 | P-05 | 40 | 0.002094 | 0.010891 | 0.108908 | 0.000204 | 0.000419 | 0.000419 | 22.12422 | 0.000897 | 0.000179 |
| 38 | P-05 | 40 | 0.001047 | 0.005445 | 0.077492 | 0.000102 | 0.000209 | 0.000209 | 11.04515 | 0.000448 | 8.96E-05 |
| 39 | P-06 | 21 | 0.001678 | 0.008727 | 0.08727 | 0.000164 | 0.000336 | 0.000336 | 17.70784 | 0.000718 | 0.000144 |
| 40 | P-06 | 21 | 0.00015 | 0.000782 | 0.011134 | 1.47E-05 | 3.01E-05 | 3.01E-05 | 1.587313 | 6.44E-05 | 1.29E-05 |
| 41 | P-06 | 21 | 0.000923 | 0.0048 | 0.047998 | 8.99E-05 | 0.000185 | 0.000185 | 9.739312 | 0.000395 | 7.9E-05 |
| 42 | P-06 | 21 | 0.00139 | 0.007228 | 0.072281 | 0.000135 | 0.000278 | 0.000278 | 14.65632 | 0.000595 | 0.000119 |
| 43 | P-07 | 20 | 0.004795 | 0.024934 | 0.249343 | 0.000467 | 0.000959 | 0.000959 | 50.59383 | 0.002052 | 0.00041 |
| 44 | P-07 | 20 | 0.002646 | 0.013757 | 0.137568 | 0.000258 | 0.000529 | 0.000529 | 27.96282 | 0.001134 | 0.000227 |
| 45 | P-07 | 20 | 0.000405 | 0.002107 | 0.021065 | 3.96E-05 | 8.1E-05 | 8.1E-05 | 4.28804 | 0.000174 | 3.48E-05 |
| 46 | P-07 | 20 | 0.000405 | 0.002107 | 0.021065 | 3.96E-05 | 8.1E-05 | 8.1E-05 | 4.28804 | 0.000174 | 3.48E-05 |
| 47 | L-08 | 16 | 0.000904 | 0.0047 | 0.047002 | 8.81E-05 | 0.000181 | 0.000181 | 9.539648 | 0.000387 | 7.74E-05 |
| 48 | L-08 | 16 | 0.000646 | 0.008727 | 0.015668 | 2.36E-05 | 0.000248 | 0.000228 | 2.552712 | 0.000104 | 2.07E-05 |
| 49 | L-08 | 16 | 0.000882 | 0.004586 | 0.045856 | 8.6E-05 | 0.000176 | 0.000176 | 9.32094 | 0.000378 | 7.56E-05 |
| 50 | L-08 | 16 | 0.000838 | 0.004356 | 0.043563 | 8.18E-05 | 0.000168 | 0.000168 | 8.849688 | 0.000359 | 7.18E-05 |
| 51 | L-08 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52 | L-09 | 22 | 0.001334 | 0.006936 | 0.069357 | 0.00013 | 0.000267 | 0.000267 | 14.01581 | 0.000569 | 0.000114 |
| 53 | L-09 | 22 | 0.000889 | 0.012 | 0.021543 | 3.24E-05 | 0.000342 | 0.000314 | 3.509979 | 0.000142 | 2.85E-05 |
| 54 | L-09 | 22 | 0.000504 | 0.002623 | 0.037327 | 4.91E-05 | 0.000101 | 0.000101 | 5.321278 | 0.000216 | 4.32E-05 |
| 55 | L-09 | 22 | 0.000352 | 0.001829 | 0.018285 | 3.43E-05 | 7.03E-05 | 7.03E-05 | 3.710214 | 0.000151 | 3.01E-05 |
| 56 | L-09 | 22 | 0.001456 | 0.007572 | 0.075723 | 0.000142 | 0.000291 | 0.000291 | 15.35424 | 0.000623 | 0.000125 |
| 57 | L-09 | 22 | 0.00013 | 0.000677 | 0.006765 | 1.27E-05 | 2.6E-05 | 2.6E-05 | 1.372779 | 5.57E-05 | 1.11E-05 |
| 58 | L-10 | 24 | 0.001918 | 0.009974 | 0.099737 | 0.000187 | 0.000384 | 0.000384 | 20.23753 | 0.000821 | 0.000164 |
| 59 | L-10 | 24 | 0.000172 | 0.000894 | 0.012725 | 1.68E-05 | 3.44E-05 | 3.44E-05 | 1.814072 | 7.36E-05 | 1.47E-05 |
| 60 | L-10 | 24 | 0.001055 | 0.005486 | 0.054855 | 0.000103 | 0.000211 | 0.000211 | 11.13064 | 0.000452 | 9.03E-05 |
| 61 | L-10 | 24 | 0.001589 | 0.008261 | 0.082607 | 0.000155 | 0.000318 | 0.000318 | 16.75008 | 0.000679 | 0.000136 |
| 62 | L-11 | 26 | 0.006234 | 0.032415 | 0.324145 | 0.000607 | 0.001247 | 0.001247 | 65.77198 | 0.002668 | 0.000534 |
| 63 | L-11 | 26 | 0.003439 | 0.017884 | 0.178839 | 0.000335 | 0.000688 | 0.000688 | 36.35167 | 0.001475 | 0.000295 |
| 64 | L-11 | 26 | 0.000527 | 0.002738 | 0.027385 | 5.15E-05 | 0.000105 | 0.000105 | 5.574452 | 0.000226 | 4.52E-05 |
| 65 | L-11 | 26 | 0.000527 | 0.002738 | 0.027385 | 5.15E-05 | 0.000105 | 0.000105 | 5.574452 | 0.000226 | 4.52E-05 |
| 66 | L-11 | 26 | 0.001442 | 0.007499 | 0.106721 | 0.000212 | 0.000288 | 0.000288 | 16.39217 | 0.000665 | 0.000133 |
| 67 | L-11 | 26 | 0.000963 | 0.005007 | 0.07126 | 9.38E-05 | 0.000193 | 0.000193 | 10.15245 | 0.000412 | 8.24E-05 |

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 68 | L-12 | 150 | 0.000694 | 0.003611 | 0.05139 | 6.76E-05 | 0.000139 | 0.000139 | 7.321479 | 0.000297 | 5.94E-05 |
| 69 | L-12 | 150 | 0.001563 | 0.008125 | 0.081251 | 0.000153 | 0.000313 | 0.000313 | 16.53958 | 0.000671 | 0.000134 |
| 70 | L-12 | 150 | 0.006424 | 0.033403 | 0.334033 | 0.000944 | 0.001285 | 0.001285 | 73.02071 | 0.002962 | 0.000592 |
| 71 | L-12 | 150 | 0.048208 | 2.159737 | 2.506838 | 0.007084 | 0.019283 | 0.019283 | 547.9511 | 0.022227 | 0.004445 |
| 72 | L-12 | 150 | 0.006363 | 0.033085 | 0.470827 | 0.000935 | 0.001273 | 0.001273 | 72.31842 | 0.002934 | 0.000587 |
| 73 | L-12 | 150 | 0.016258 | 0.115736 | 0.153085 | 0.000233 | 0.003129 | 0.002879 | 18.04113 | 0.000732 | 0.000146 |
| 74 | L-12 | 150 | 0.018473 | 0.096057 | 0.960571 | 0.001806 | 0.003695 | 0.003695 | 195.4924 | 0.00793 | 0.001586 |
| 75 | L-12 | 150 | 0.003452 | 0.017953 | 0.179527 | 0.000336 | 0.00069 | 0.00069 | 36.42756 | 0.001478 | 0.000296 |
| 76 | L-12 | 150 | 0.003458 | 0.026564 | 0.033432 | 5.47E-05 | 0.000711 | 0.000654 | 4.228419 | 0.000172 | 3.43E-05 |
| 77 | L-13 | 25 | 0.000799 | 0.004156 | 0.041557 | 7.79E-05 | 0.00016 | 0.00016 | 8.432305 | 0.000342 | 6.84E-05 |
| 78 | L-13 | 25 | 0.001387 | 0.007211 | 0.102616 | 0.000204 | 0.000277 | 0.000277 | 15.76171 | 0.000639 | 0.000128 |
| 79 | L-13 | 25 | 0.00271 | 0.019289 | 0.025514 | 3.89E-05 | 0.000521 | 0.00048 | 3.006854 | 0.000122 | 2.44E-05 |
| 80 | L-13 | 25 | 0.008035 | 0.359956 | 0.417806 | 0.001181 | 0.003214 | 0.003214 | 91.32518 | 0.003705 | 0.000741 |
| 81 | L-14 | 147 | 0.002538 | 0.013195 | 0.131952 | 0.000247 | 0.000508 | 0.000508 | 26.77426 | 0.001086 | 0.000217 |
| 82 | L-14 | 147 | 0.005445 | 0.028312 | 0.402895 | 0.00053 | 0.001089 | 0.001089 | 57.4004 | 0.002328 | 0.000466 |
| 83 | L-14 | 147 | 0.010792 | 0.056118 | 0.798596 | 0.001586 | 0.002158 | 0.002158 | 122.6632 | 0.004976 | 0.000995 |
| 84 | L-14 | 147 | 0.004083 | 0.021234 | 0.302171 | 0.000398 | 0.000817 | 0.000817 | 43.0503 | 0.001746 | 0.000349 |
| 85 | L-14 | 147 | 0.046765 | 0.243176 | 2.43176 | 0.006872 | 0.009353 | 0.009353 | 531.5908 | 0.021564 | 0.004313 |
| 86 | L-14 | 147 | 0.004083 | 0.021234 | 0.302171 | 0.000398 | 0.000817 | 0.000817 | 43.0503 | 0.001746 | 0.000349 |
| 87 | L-14 | 147 | 0.047798 | 0.340265 | 0.450069 | 0.000686 | 0.009199 | 0.008463 | 53.04091 | 0.002152 | 0.00043 |
| 88 | L-14 | 147 | 0.024308 | 0.243354 | 0.268445 | 0.000529 | 0.005693 | 0.005238 | 40.88772 | 0.001659 | 0.000332 |
| 89 | L-14 | 147 | 0.005639 | 0.029323 | 0.293227 | 0.000549 | 0.001128 | 0.001128 | 59.49835 | 0.002414 | 0.000483 |
| 90 | L-15 | 138 | 0.02081 | 0.108211 | 1.082112 | 0.002041 | 0.004162 | 0.004162 | 220.8894 | 0.00896 | 0.001792 |
| 91 | L-15 | 138 | 0.008443 | 0.043901 | 0.439015 | 0.000823 | 0.001689 | 0.001689 | 89.08404 | 0.003614 | 0.000723 |
| 92 | L-15 | 138 | 0.004764 | 0.024775 | 0.247747 | 0.000464 | 0.000953 | 0.000953 | 50.27003 | 0.002039 | 0.000408 |
| 93 | L-15 | 138 | 0.003639 | 0.018925 | 0.189251 | 0.000355 | 0.000728 | 0.000728 | 38.40072 | 0.001558 | 0.000312 |
| 94 | L-15 | 138 | 0.0115 | 0.059801 | 0.598009 | 0.001123 | 0.0023 | 0.0023 | 121.5618 | 0.004931 | 0.000986 |
| 95 | L-15 | 138 | 0.022436 | 0.159716 | 0.211257 | 0.000322 | 0.004318 | 0.003972 | 24.89675 | 0.00101 | 0.000202 |
| 96 | L-15 | 138 | 0.08805 | 0.753065 | 0.363478 | 0.000368 | 0.057928 | 0.053294 | 40.07274 | 0.001626 | 0.000325 |
| 97 | L-16 | 70 | 0.01389 | 0.139059 | 0.153397 | 0.000302 | 0.003253 | 0.002993 | 23.36441 | 0.000948 | 0.00019 |
| 98 | L-16 | 70 | 0.002797 | 0.014545 | 0.14545 | 0.000273 | 0.000559 | 0.000559 | 29.51307 | 0.001197 | 0.000239 |
| 99 | L-16 | 70 | 0.000802 | 0.004173 | 0.059384 | 7.82E-05 | 0.00016 | 0.00016 | 8.46567 | 0.000343 | 6.87E-05 |
| 100 | L-16 | 70 | 0.000401 | 0.002086 | 0.029692 | 3.91E-05 | 8.02E-05 | 8.02E-05 | 4.232835 | 0.000172 | 3.43E-05 |
| 101 | L-16 | 70 | 0.0401 | 0.317571 | 0.129995 | 9.94E-05 | 0.023284 | 0.021421 | 10.85398 | 0.00044 | 8.81E-05 |

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 102 | L-16 | 70 | 0.001418 | 0.007373 | 0.073728 | 0.000139 | 0.000284 | 0.000284 | 15.00814 | 0.000609 | 0.000122 |
| 103 | L-16 | 70 | 0.001418 | 0.007373 | 0.073728 | 0.000139 | 0.000284 | 0.000284 | 15.00814 | 0.000609 | 0.000122 |
| 104 | L-16 | 70 | 0.005654 | 0.076363 | 0.137093 | 0.000206 | 0.002173 | 0.001999 | 22.33623 | 0.000906 | 0.000181 |
| 105 | L-16 | 70 | 0.017404 | 0.127994 | 0.100368 | 0.000118 | 0.013248 | 0.012188 | 12.77395 | 0.000518 | 0.000104 |
| 106 | P-17 | 51 | 0.001033 | 0.005372 | 0.053716 | 0.000101 | 0.000207 | 0.000207 | 10.9345 | 0.000444 | 8.87E-05 |
| 107 | P-17 | 51 | 0.001033 | 0.005372 | 0.053716 | 0.000101 | 0.000207 | 0.000207 | 10.9345 | 0.000444 | 8.87E-05 |
| 108 | P-17 | 51 | 0.004076 | 0.021194 | 0.211941 | 0.000397 | 0.000815 | 0.000815 | 43.00476 | 0.001744 | 0.000349 |
| 109 | P-17 | 51 | 0.000877 | 0.00456 | 0.064898 | 8.55E-05 | 0.000175 | 0.000175 | 9.251768 | 0.000375 | 7.51E-05 |
| 110 | P-17 | 51 | 0.003092 | 0.016078 | 0.160783 | 0.0003 | 0.000618 | 0.000618 | 32.4912 | 0.001318 | 0.000264 |
| 111 | P-17 | 51 | 0.004119 | 0.055636 | 0.099882 | 0.00015 | 0.001583 | 0.001457 | 16.27354 | 0.00066 | 0.000132 |
| 112 | P-17 | 51 | 0.008453 | 0.062168 | 0.04875 | 5.72E-05 | 0.006435 | 0.00592 | 6.20449 | 0.000252 | 5.03E-05 |
| 113 | L-18 | 103 | 0.008232 | 0.042804 | 0.428038 | 0.000802 | 0.001646 | 0.001646 | 86.85274 | 0.003523 | 0.000705 |
| 114 | L-18 | 103 | 0.000738 | 0.003838 | 0.054612 | 7.19E-05 | 0.000148 | 0.000148 | 7.785393 | 0.000316 | 6.32E-05 |
| 115 | L-18 | 103 | 0.021968 | 0.161561 | 0.12669 | 0.000149 | 0.016722 | 0.015384 | 16.12398 | 0.000654 | 0.000131 |
| 116 | L-18 | 103 | 0.00832 | 0.112362 | 0.201722 | 0.000304 | 0.003198 | 0.002942 | 32.86617 | 0.001333 | 0.000267 |
| 117 | L-18 | 103 | 0.016086 | 0.158714 | 0.154014 | 0.000208 | 0.009862 | 0.009073 | 22.53822 | 0.000914 | 0.000183 |
| 118 | L-18 | 103 | 0.002086 | 0.010849 | 0.108485 | 0.000204 | 0.000417 | 0.000417 | 22.08341 | 0.000896 | 0.000179 |
| 119 | L-18 | 103 | 0.002086 | 0.010849 | 0.108485 | 0.000204 | 0.000417 | 0.000417 | 22.08341 | 0.000896 | 0.000179 |
| 120 | P-19 | 102 | 0.008152 | 0.042388 | 0.423882 | 0.000794 | 0.00163 | 0.00163 | 86.00951 | 0.003489 | 0.000698 |
| 121 | P-19 | 102 | 0.000585 | 0.00304 | 0.043265 | 5.7E-05 | 0.000117 | 0.000117 | 6.167845 | 0.00025 | 5E-05 |
| 122 | P-19 | 102 | 0.007812 | 0.147243 | 0.157575 | 0.000278 | 0.001061 | 0.000976 | 30.07096 | 0.00122 | 0.000244 |
| 123 | P-19 | 102 | 0.002119 | 0.03205 | 0.065248 | 0.000101 | 0.00063 | 0.00058 | 10.89219 | 0.000442 | 8.84E-05 |
| 124 | L-20 | 174 | 0.013327 | 0.25118 | 0.268805 | 0.000474 | 0.00181 | 0.001665 | 51.29752 | 0.002081 | 0.000416 |
| 125 | L-20 | 174 | 0.009651 | 0.050188 | 0.714209 | 0.001418 | 0.00193 | 0.00193 | 109.7015 | 0.00445 | 0.00089 |
| 126 | L-20 | 174 | 0.013906 | 0.072309 | 0.723093 | 0.001355 | 0.002781 | 0.002781 | 146.7221 | 0.005952 | 0.00119 |
| 127 | L-21 | 140 | 0.015818 | 0.082254 | 0.822544 | 0.001542 | 0.003164 | 0.003164 | 166.9438 | 0.006772 | 0.001354 |
| 128 | L-21 | 140 | 0.046411 | 0.341317 | 0.267648 | 0.000314 | 0.035327 | 0.032501 | 34.06387 | 0.001382 | 0.000276 |
| 129 | L-21 | 140 | 0.005654 | 0.076363 | 0.137093 | 0.000206 | 0.002173 | 0.001999 | 22.33623 | 0.000906 | 0.000181 |
| 130 | L-21 | 140 | 0.00733 | 0.038118 | 0.381179 | 0.000715 | 0.001466 | 0.001466 | 77.43477 | 0.003141 | 0.000628 |
| 131 | L-21 | 140 | 0.007716 | 0.040124 | 0.401241 | 0.000752 | 0.001543 | 0.001543 | 81.55822 | 0.003308 | 0.000662 |

Table 21: On-Road Uncontrolled Daily Exhaust Emissions (pounds/day)

| Count | Activity Index | Activity Name | Equipment Name | Fuel Type | HP | Quantity | Year | Trips/Day | Trip Length | VMT | Paved Percent | Paved VMT | Unpaved VMT | On Type | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|--|-----------------------|-----------|-----|----------|------|-----------|-------------|-----|---------------|-----------|-------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1 | L-01 | Survey | Pickup - 1/2 Ton | Gasoline | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | passenger | 0.021031 | 0.028534 | 0.360099 | 0.001077 | 0.006343 | 0.002243 | 108.9024 | 0.00197 | 0.002535 |
| 2 | L-02 | Site Development/Staging Yards | Truck - Water 4 K | Diesel | 300 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | vendor | 0.018248 | 0.846513 | 0.127619 | 0.007754 | 0.048351 | 0.020768 | 818.8371 | 0.000848 | 0.129008 |
| 3 | L-02 | Site Development/Staging Yards | Truck - Dump 10-12 Yd | Diesel | 415 | 5 | 2026 | 10 | 40 | 400 | 95 | 380 | 20 | hdt | 0.064682 | 2.247711 | 0.802305 | 0.014322 | 0.124741 | 0.055056 | 1512.409 | 0.003006 | 0.238281 |
| 4 | L-02 | Site Development/Staging Yards | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.042061 | 0.057068 | 0.720198 | 0.002153 | 0.012686 | 0.004486 | 217.8048 | 0.00394 | 0.050569 |
| 5 | L-02 | Site Development/Staging Yards | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.112621 | 0.604868 | 0.675053 | 0.002296 | 0.012756 | 0.09033 | 242.3598 | 0.005231 | 0.038184 |
| 6 | L-02 | Site Development/Staging Yards | Semi Truck | Diesel | 500 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | hdt | 0.025873 | 0.899084 | 0.320922 | 0.005729 | 0.049896 | 0.022022 | 604.9636 | 0.001202 | 0.095312 |
| 7 | L-03 | Below-Grade Construction | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0.009124 | 0.423257 | 0.06381 | 0.003877 | 0.024176 | 0.010384 | 409.4185 | 0.000424 | 0.064504 |
| 8 | L-03 | Below-Grade Construction | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.042061 | 0.057068 | 0.720198 | 0.002153 | 0.012686 | 0.004486 | 217.8048 | 0.00394 | 0.050569 |
| 9 | L-03 | Below-Grade Construction | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.112621 | 0.604868 | 0.675053 | 0.002296 | 0.012756 | 0.09033 | 242.3598 | 0.005231 | 0.038184 |
| 10 | L-03 | Below-Grade Construction | Truck - Concrete | Diesel | 425 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | hdt | 0.057446 | 2.433526 | 0.668621 | 0.016751 | 0.149569 | 0.065952 | 1768.935 | 0.002668 | 0.278696 |
| 11 | L-03 | Below-Grade Construction | Truck - Dump 10-12 Yd | Diesel | 415 | 3 | 2026 | 6 | 40 | 240 | 95 | 228 | 12 | hdt | 0.038809 | 1.348627 | 0.481383 | 0.008593 | 0.074845 | 0.033034 | 907.4454 | 0.001803 | 0.142968 |
| 12 | L-04 | Above-Grade Construction | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.042061 | 0.057068 | 0.720198 | 0.002153 | 0.012686 | 0.004486 | 217.8048 | 0.00394 | 0.050569 |
| 13 | L-04 | Above-Grade Construction | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.112621 | 0.604868 | 0.675053 | 0.002296 | 0.012756 | 0.09033 | 242.3598 | 0.005231 | 0.038184 |
| 14 | L-04 | Above-Grade Construction | Welding Truck | Diesel | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0.009124 | 0.423257 | 0.06381 | 0.003877 | 0.024176 | 0.010384 | 409.4185 | 0.000424 | 0.064504 |
| 15 | P-05 | Foundation Installation | Truck - Concrete | Diesel | 425 | 4 | 2026 | 8 | 40 | 320 | 95 | 456 | 24 | hdt | 0.057446 | 2.433526 | 0.668621 | 0.016751 | 0.149569 | 0.065952 | 1768.935 | 0.002668 | 0.278696 |
| 16 | P-05 | Foundation Installation | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 456 | 24 | passenger | 0.168932 | 0.907303 | 1.01258 | 0.003445 | 0.154133 | 0.135495 | 363.5397 | 0.007847 | 0.057276 |
| 17 | P-05 | Foundation Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 228 | 12 | vendor | 0.013247 | 0.603851 | 0.080859 | 0.003877 | 0.036224 | 0.015538 | 609.7323 | 0.000615 | 0.096064 |
| 18 | P-05 | Foundation Installation | Truck - Dump 10-12 Yd | Diesel | 415 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | hdt | 0.025873 | 0.899084 | 0.320922 | 0.005729 | 0.049896 | 0.022022 | 604.9636 | 0.001202 | 0.095312 |
| 19 | P-06 | Structure Installation | Pickup - 1/2 Ton | Gasoline | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | passenger | 0.021031 | 0.028534 | 0.360099 | 0.001077 | 0.006343 | 0.002243 | 108.9024 | 0.00197 | 0.002535 |
| 20 | P-06 | Structure Installation | Pickup - 1 ton | Diesel | 410 | 2 | 2026 | 4 | 40 | 160 | 95 | 228 | 12 | passenger | 0.084466 | 0.453651 | 0.50629 | 0.001722 | 0.077067 | 0.067747 | 181.7699 | 0.003923 | 0.028638 |
| 21 | P-06 | Structure Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 228 | 12 | vendor | 0.013247 | 0.603851 | 0.080859 | 0.003877 | 0.036224 | 0.015538 | 609.7323 | 0.000615 | 0.096064 |
| 22 | P-06 | Structure Installation | Jet Fuel Truck | Diesel | 300 | 1 | 2026 | 2 | 40 | 80 | 95 | 76 | 4 | vendor | 0.004562 | 0.211628 | 0.031905 | 0.001938 | 0.012088 | 0.005192 | 204.7093 | 0.000212 | 0.032252 |
| 23 | P-07 | Conductor Installation | Jet Fuel Truck | Diesel | 300 | 1 | 2026 | 2 | 40 | 80 | 95 | 76 | 4 | vendor | 0.004562 | 0.211628 | 0.031905 | 0.001938 | 0.012088 | 0.005192 | 204.7093 | 0.000212 | 0.032252 |
| 24 | P-07 | Conductor Installation | Pickup - 1/2 ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.042061 | 0.057068 | 0.720198 | 0.002153 | 0.012686 | 0.004486 | 217.8048 | 0.00394 | 0.050569 |
| 25 | P-07 | Conductor Installation | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 456 | 24 | passenger | 0.168932 | 0.907303 | 1.01258 | 0.003445 | 0.154133 | 0.135495 | 363.5397 | 0.007847 | 0.057276 |
| 26 | P-07 | Conductor Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 228 | 12 | vendor | 0.013247 | 0.603851 | 0.080859 | 0.003877 | 0.036224 | 0.015538 | 609.7323 | 0.000615 | 0.096064 |
| 27 | L-08 | Access Road Construction | Pickup - 1/2 Ton | Gasoline | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | passenger | 0.021031 | 0.028534 | 0.360099 | 0.001077 | 0.006343 | 0.002243 | 108.9024 | 0.00197 | 0.002535 |
| 28 | L-08 | Access Road Construction | Pickup - 1 ton | Diesel | 410 | 2 | 2026 | 4 | 40 | 160 | 95 | 228 | 12 | passenger | 0.056311 | 0.302434 | 0.337527 | 0.001148 | 0.051378 | 0.045105 | 121.1799 | 0.002616 | 0.019092 |
| 29 | L-08 | Access Road Construction | Truck - Dump 10-12 Yd | Diesel | 415 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | hdt | 0.025873 | 0.899084 | 0.320922 | 0.005729 | 0.049896 | 0.022022 | 604.9636 | 0.001202 | 0.095312 |
| 30 | L-08 | Access Road Construction | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | hdt | 0.009124 | 0.423257 | 0.06381 | 0.003877 | 0.024176 | 0.010384 | 409.4185 | 0.000424 | 0.064504 |
| 31 | -09 | Foundation Installation | Truck - Concrete | Diesel | 425 | 4 | 2026 | 8 | 40 | 320 | 95 | 456 | 24 | hdt | 0.057446 | 2.433526 | 0.668621 | 0.016751 | 0.149569 | 0.065952 | 1768.935 | 0.002668 | 0.278696 |
| 32 | -09 | Foundation Installation | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 456 | 24 | passenger | 0.112621 | 0.604868 | 0.675053 | 0.002296 | 0.012756 | 0.09033 | 242.3598 | 0.005231 | 0.038184 |
| 33 | -09 | Foundation Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0.009124 | 0.423257 | 0.06381 | 0.003877 | 0.024176 | 0.010384 | 409.4185 | 0.000424 | 0.064504 |
| 34 | -09 | Foundation Installation | Truck - Dump 10-12 Yd | Diesel | 415 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | hdt | 0.025873 | 0.899084 | 0.320922 | 0.005729 | 0.049896 | 0.022022 | 604.9636 | 0.001202 | 0.095312 |
| 35 | L-10 | Structure Installation | Pickup - 1/2 ton | Gasoline | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | passenger | 0.021031 | 0.028534 | 0.360099 | 0.001077 | 0.006343 | 0.002243 | 108.9024 | 0.00197 | 0.002535 |
| 36 | L-10 | Structure Installation | Pickup - 1 ton | Diesel | 410 | 2 | 2026 | 4 | 40 | 160 | 95 | 228 | 12 | passenger | 0.056311 | 0.302434 | 0.337527 | 0.001148 | 0.051378 | 0.045105 | 121.1799 | 0.002616 | 0.019092 |
| 37 | L-10 | Structure Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0.009124 | 0.423257 | 0.06381 | 0.003877 | 0.024176 | 0.010384 | 409.4185 | 0.000424 | 0.064504 |
| 38 | L-11 | Conductor Installation | Jet Fuel Truck | Diesel | 300 | 1 | 2026 | 2 | 40 | 80 | 95 | 76 | 4 | vendor | 0.000624 | 0.301925 | 0.04043 | 0.002887 | 0.018112 | 0.007769 | 304.8662 | 0.000308 | 0.048032 |
| 39 | L-11 | Conductor Installation | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.042061 | 0.057068 | 0.720198 | 0.002153 | 0.012686 | 0.004486 | 217.8048 | 0.00394 | 0.050569 |
| 40 | L-11 | Conductor Installation | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 456 | 24 | passenger | 0.112621 | 0.604868 | 0.675053 | 0.002296 | 0.012756 | 0.09033 | 242.3598 | 0.005231 | 0.038184 |
| 41 | L-11 | Conductor Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0.009124 | 0.423257 | 0.06381 | 0.003877 | 0.024176 | 0.010384 | 409.4185 | 0.000424 | 0.064504 |
| 42 | L-12 | Transition Structure Foundation Installation | Truck - Concrete | Diesel | 425 | 1 | 2026 | 2 | 60 | 120 | 95 | 114 | 6 | hdt | 0.014362 | 0.608382 | 0.037392 | 0.004188 | 0.021648 | 0.016468 | 442.2338 | 0.000667 | 0.069674 |
| 43 | -15 | Southern Transition Approach Construction | Truck - Dump 10-12 Yd | Diesel | 415 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | hdt | 0.051745 | 1.798169 | 0.64184 | 0.013457 | 0.099793 | 0.004405 | 1209.937 | 0.002403 | 0.186255 |
| 44 | -15 | Southern Transition Approach Construction | Onshore Trucks | Diesel | 300 | 4 | 2026 | 8 | 40 | 320 | 95 | 456 | 24 | vendor | 0.026495 | 1.207701 | 0.161719 | 0.011548 | 0.072447 | 0.031076 | 1219.465 | 0.001231 | 0.191277 |
| 45 | -16 | Substation Getaways | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.042061 | 0.057068 | 0.720198 | 0.002153 | 0.012686 | 0.004486 | 217.8048 | 0.00394 | 0.050569 |
| 46 | -16 | Substation Getaways | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 456 | 24 | passenger | 0.112621 | 0.604868 | 0.675053 | 0.002296 | 0.012756 | 0.09033 | 242.3598 | 0.005231 | 0.038184 |
| 47 | -16 | Substation Getaways | Welding Truck | Diesel | 395 | 2 | 2026 | 4 | 40 | 160 | | | | | | | | | | | | | |

Table 22: On-Road Uncontrolled Exhaust Emissions (tons)

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1 | L-01 | 26 | 0.000273 | 0.000371 | 0.004681 | 1.4E-05 | 8.25E-05 | 2.92E-05 | 1.415731 | 2.56E-05 | 3.3E-05 |
| 2 | L-02 | 76 | 0.000693 | 0.032168 | 0.00485 | 0.000295 | 0.001837 | 0.000789 | 31.11581 | 3.22E-05 | 0.004902 |
| 3 | L-02 | 76 | 0.002458 | 0.085413 | 0.030488 | 0.000544 | 0.00474 | 0.002092 | 57.47154 | 0.000114 | 0.009055 |
| 4 | L-02 | 76 | 0.001598 | 0.002169 | 0.027368 | 8.18E-05 | 0.000482 | 0.00017 | 8.276582 | 0.00015 | 0.000193 |
| 5 | L-02 | 76 | 0.00428 | 0.022985 | 0.025652 | 8.73E-05 | 0.003905 | 0.003433 | 9.209673 | 0.000199 | 0.001451 |
| 6 | L-02 | 76 | 0.000983 | 0.034165 | 0.012195 | 0.000218 | 0.001896 | 0.000837 | 22.98862 | 4.57E-05 | 0.003622 |
| 7 | L-03 | 152 | 0.000693 | 0.032168 | 0.00485 | 0.000295 | 0.001837 | 0.000789 | 31.11581 | 3.22E-05 | 0.004902 |
| 8 | L-03 | 152 | 0.003197 | 0.004337 | 0.054735 | 0.000164 | 0.000964 | 0.000341 | 16.55316 | 0.000299 | 0.000385 |
| 9 | L-03 | 152 | 0.008559 | 0.04597 | 0.051304 | 0.000175 | 0.007809 | 0.006865 | 18.41935 | 0.000398 | 0.002902 |
| 10 | L-03 | 152 | 0.004366 | 0.184948 | 0.050815 | 0.001273 | 0.011367 | 0.005012 | 134.4391 | 0.000203 | 0.021181 |
| 11 | L-03 | 152 | 0.002949 | 0.102496 | 0.036585 | 0.000653 | 0.005688 | 0.002511 | 68.96585 | 0.000137 | 0.010866 |
| 12 | L-04 | 333 | 0.007003 | 0.009502 | 0.119913 | 0.000359 | 0.002112 | 0.000747 | 36.2645 | 0.000656 | 0.000844 |
| 13 | L-04 | 333 | 0.018751 | 0.100711 | 0.112396 | 0.000382 | 0.017109 | 0.01504 | 40.35291 | 0.000871 | 0.006358 |
| 14 | L-04 | 333 | 0.001519 | 0.070472 | 0.010624 | 0.000646 | 0.004025 | 0.001729 | 68.16819 | 7.06E-05 | 0.01074 |
| 15 | P-05 | 40 | 0.001149 | 0.048671 | 0.013372 | 0.000335 | 0.002991 | 0.001319 | 35.3787 | 5.34E-05 | 0.005574 |
| 16 | P-05 | 40 | 0.003379 | 0.018146 | 0.020252 | 6.89E-05 | 0.003083 | 0.00271 | 7.270795 | 0.000157 | 0.001146 |
| 17 | P-05 | 40 | 0.000265 | 0.012077 | 0.001617 | 0.000115 | 0.000724 | 0.000311 | 12.19465 | 1.23E-05 | 0.001921 |
| 18 | P-05 | 40 | 0.000517 | 0.017982 | 0.006418 | 0.000115 | 0.000998 | 0.00044 | 12.09927 | 2.4E-05 | 0.001906 |
| 19 | P-06 | 21 | 0.000221 | 0.0003 | 0.003781 | 1.13E-05 | 6.66E-05 | 2.36E-05 | 1.143475 | 2.07E-05 | 2.66E-05 |
| 20 | P-06 | 21 | 0.000887 | 0.004763 | 0.005316 | 1.81E-05 | 0.000809 | 0.000711 | 1.908584 | 4.12E-05 | 0.000301 |
| 21 | P-06 | 21 | 0.000139 | 0.00634 | 0.000849 | 6.06E-05 | 0.00038 | 0.000163 | 6.402189 | 6.46E-06 | 0.001009 |
| 22 | P-06 | 21 | 4.79E-05 | 0.002222 | 0.000335 | 2.04E-05 | 0.000127 | 5.45E-05 | 2.149447 | 2.22E-06 | 0.000339 |
| 23 | P-07 | 20 | 4.56E-05 | 0.002116 | 0.000319 | 1.94E-05 | 0.000121 | 5.19E-05 | 2.047093 | 2.12E-06 | 0.000323 |
| 24 | P-07 | 20 | 0.000421 | 0.000571 | 0.007202 | 2.15E-05 | 0.000127 | 4.49E-05 | 2.178048 | 3.94E-05 | 5.07E-05 |
| 25 | P-07 | 20 | 0.001689 | 0.009073 | 0.010126 | 3.44E-05 | 0.001541 | 0.001355 | 3.635397 | 7.85E-05 | 0.000573 |
| 26 | P-07 | 20 | 0.000132 | 0.006039 | 0.000809 | 5.77E-05 | 0.000362 | 0.000155 | 6.097323 | 6.15E-06 | 0.000961 |
| 27 | L-08 | 16 | 0.000168 | 0.000228 | 0.002881 | 8.61E-06 | 5.07E-05 | 1.79E-05 | 0.871219 | 1.58E-05 | 2.03E-05 |
| 28 | L-08 | 16 | 0.00045 | 0.002419 | 0.0027 | 9.19E-06 | 0.000411 | 0.000361 | 0.969439 | 2.09E-05 | 0.000153 |
| 29 | L-08 | 16 | 0.000207 | 0.007193 | 0.002567 | 4.58E-05 | 0.000399 | 0.000176 | 4.839709 | 9.61E-06 | 0.000762 |
| 30 | L-08 | 16 | 7.3E-05 | 0.003386 | 0.00051 | 3.1E-05 | 0.000193 | 8.31E-05 | 3.275348 | 3.39E-06 | 0.000516 |
| 31 | L-09 | 22 | 0.000632 | 0.026769 | 0.007355 | 0.000184 | 0.001645 | 0.000725 | 19.45829 | 2.94E-05 | 0.003066 |
| 32 | L-09 | 22 | 0.001239 | 0.006654 | 0.007426 | 2.53E-05 | 0.00113 | 0.000994 | 2.665958 | 5.75E-05 | 0.00042 |
| 33 | L-09 | 22 | 0.0001 | 0.004656 | 0.000702 | 4.26E-05 | 0.000266 | 0.000114 | 4.503604 | 4.66E-06 | 0.00071 |

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 34 | L-09 | 22 | 0.000285 | 0.00989 | 0.00353 | 6.3E-05 | 0.000549 | 0.000242 | 6.6546 | 1.32E-05 | 0.001048 |
| 35 | L-10 | 24 | 0.000252 | 0.000342 | 0.004321 | 1.29E-05 | 7.61E-05 | 2.69E-05 | 1.306829 | 2.36E-05 | 3.04E-05 |
| 36 | L-10 | 24 | 0.000676 | 0.003629 | 0.00405 | 1.38E-05 | 0.000617 | 0.000542 | 1.454159 | 3.14E-05 | 0.000229 |
| 37 | L-10 | 24 | 0.000109 | 0.005079 | 0.000766 | 4.65E-05 | 0.00029 | 0.000125 | 4.913023 | 5.09E-06 | 0.000774 |
| 38 | L-11 | 26 | 8.61E-05 | 0.003925 | 0.000526 | 3.75E-05 | 0.000235 | 0.000101 | 3.96326 | 4E-06 | 0.000624 |
| 39 | L-11 | 26 | 0.000547 | 0.000742 | 0.009363 | 2.8E-05 | 0.000165 | 5.83E-05 | 2.831462 | 5.12E-05 | 6.59E-05 |
| 40 | L-11 | 26 | 0.001464 | 0.007863 | 0.008776 | 2.99E-05 | 0.001336 | 0.001174 | 3.150678 | 6.8E-05 | 0.000496 |
| 41 | L-11 | 26 | 0.000119 | 0.005502 | 0.00083 | 5.04E-05 | 0.000314 | 0.000135 | 5.322441 | 5.51E-06 | 0.000839 |
| 42 | L-12 | 150 | 0.001077 | 0.045629 | 0.012537 | 0.000314 | 0.002804 | 0.001237 | 33.16753 | 5E-05 | 0.005226 |
| 43 | L-15 | 138 | 0.00357 | 0.124074 | 0.044287 | 0.000791 | 0.006886 | 0.003039 | 83.48498 | 0.000166 | 0.013153 |
| 44 | L-15 | 138 | 0.001828 | 0.083331 | 0.011159 | 0.000797 | 0.004999 | 0.002144 | 84.14306 | 8.49E-05 | 0.013257 |
| 45 | L-16 | 70 | 0.001472 | 0.001997 | 0.025207 | 7.54E-05 | 0.000444 | 0.000157 | 7.623168 | 0.000138 | 0.000177 |
| 46 | L-16 | 70 | 0.003942 | 0.02117 | 0.023627 | 8.04E-05 | 0.003596 | 0.003162 | 8.482594 | 0.000183 | 0.001336 |
| 47 | L-16 | 70 | 0.000319 | 0.014814 | 0.002233 | 0.000136 | 0.000846 | 0.000363 | 14.32965 | 1.48E-05 | 0.002258 |
| 48 | P-17 | 51 | 0.000536 | 0.000728 | 0.009183 | 2.75E-05 | 0.000162 | 5.72E-05 | 2.777011 | 5.02E-05 | 6.46E-05 |
| 49 | P-17 | 51 | 0.002154 | 0.011568 | 0.01291 | 4.39E-05 | 0.001965 | 0.001728 | 4.635132 | 0.0001 | 0.00073 |
| 50 | P-17 | 51 | 0.00066 | 0.022927 | 0.008184 | 0.000146 | 0.001272 | 0.000562 | 15.42657 | 3.06E-05 | 0.00243 |
| 51 | P-17 | 51 | 0.001465 | 0.062055 | 0.01705 | 0.000427 | 0.003814 | 0.001682 | 45.10784 | 6.8E-05 | 0.007107 |
| 52 | L-18 | 103 | 0.001999 | 0.069454 | 0.024791 | 0.000443 | 0.003854 | 0.001701 | 46.73344 | 9.28E-05 | 0.007363 |
| 53 | L-18 | 103 | 0.00435 | 0.023363 | 0.026074 | 8.87E-05 | 0.003969 | 0.003489 | 9.361148 | 0.000202 | 0.001475 |
| 54 | L-18 | 103 | 0.001479 | 0.062663 | 0.017217 | 0.000431 | 0.003851 | 0.001698 | 45.55008 | 6.87E-05 | 0.007176 |
| 55 | L-18 | 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | P-19 | 102 | 0.002145 | 0.00291 | 0.03673 | 0.00011 | 0.000647 | 0.000229 | 11.10804 | 0.000201 | 0.000259 |
| 57 | P-19 | 102 | 0.008616 | 0.046272 | 0.051642 | 0.000176 | 0.007861 | 0.00691 | 18.54053 | 0.0004 | 0.002921 |
| 58 | P-19 | 102 | 0.00015 | 0.007771 | 0.00195 | 5.26E-05 | 0.000311 | 0.000135 | 5.556344 | 6.96E-06 | 0.000875 |
| 59 | L-20 | 174 | 0.003659 | 0.004965 | 0.062657 | 0.000187 | 0.001104 | 0.00039 | 18.94902 | 0.000343 | 0.000441 |
| 60 | L-20 | 174 | 0.009798 | 0.052624 | 0.05873 | 0.0002 | 0.00894 | 0.007859 | 21.0853 | 0.000455 | 0.003322 |
| 61 | L-20 | 174 | 0.000397 | 0.018412 | 0.002776 | 0.000169 | 0.001052 | 0.000452 | 17.80971 | 1.84E-05 | 0.002806 |
| 62 | L-21 | 140 | 0.007883 | 0.042341 | 0.047254 | 0.000161 | 0.007193 | 0.006323 | 16.96519 | 0.000366 | 0.002673 |
| 63 | L-21 | 140 | 0.000639 | 0.029628 | 0.004467 | 0.000271 | 0.001692 | 0.000727 | 28.6593 | 2.97E-05 | 0.004515 |
| 64 | L-21 | 140 | 0.002944 | 0.003995 | 0.050414 | 0.000151 | 0.000888 | 0.000314 | 15.24634 | 0.000276 | 0.000355 |
| 65 | L-21 | 140 | 0.001811 | 0.062936 | 0.022465 | 0.000401 | 0.003493 | 0.001542 | 42.34745 | 8.41E-05 | 0.006672 |
| 66 | L-01 | 26 | 0.000614 | 0.001077 | 0.013588 | 4.19E-05 | 0.000247 | 8.72E-05 | 4.238114 | 6.73E-05 | 9.48E-05 |
| 67 | L-02 | 76 | 0.005384 | 0.009445 | 0.11916 | 0.000367 | 0.002167 | 0.000765 | 37.165 | 0.00059 | 0.000831 |

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 68 | L-03 | 152 | 0.035892 | 0.062966 | 0.794398 | 0.002449 | 0.014446 | 0.005099 | 247.7667 | 0.003935 | 0.005542 |
| 69 | L-04 | 333 | 0.058975 | 0.10346 | 1.30527 | 0.004025 | 0.023737 | 0.008379 | 407.1035 | 0.006466 | 0.009107 |
| 70 | P-05 | 40 | 0.003542 | 0.006214 | 0.078395 | 0.000242 | 0.001426 | 0.000503 | 24.45066 | 0.000388 | 0.000547 |
| 71 | P-06 | 21 | 0.00186 | 0.003262 | 0.041157 | 0.000127 | 0.000748 | 0.000264 | 12.8366 | 0.000204 | 0.000287 |
| 72 | P-07 | 20 | 0.003542 | 0.006214 | 0.078395 | 0.000242 | 0.001426 | 0.000503 | 24.45066 | 0.000388 | 0.000547 |
| 73 | L-08 | 16 | 0.001133 | 0.001988 | 0.025086 | 7.74E-05 | 0.000456 | 0.000161 | 7.824211 | 0.000124 | 0.000175 |
| 74 | L-09 | 22 | 0.001558 | 0.002734 | 0.034494 | 0.000106 | 0.000627 | 0.000221 | 10.75829 | 0.000171 | 0.000241 |
| 75 | L-10 | 24 | 0.0017 | 0.002983 | 0.037629 | 0.000116 | 0.000684 | 0.000242 | 11.73632 | 0.000186 | 0.000263 |
| 76 | L-11 | 26 | 0.004605 | 0.008078 | 0.101913 | 0.000314 | 0.001853 | 0.000654 | 31.78586 | 0.000505 | 0.000711 |
| 77 | L-12 | 150 | 0.01771 | 0.031069 | 0.391973 | 0.001209 | 0.007128 | 0.002516 | 122.2533 | 0.001942 | 0.002735 |
| 78 | L-13 | 25 | 0.002952 | 0.005178 | 0.065329 | 0.000201 | 0.001188 | 0.000419 | 20.37555 | 0.000324 | 0.000456 |
| 79 | L-14 | 147 | 0.021695 | 0.038059 | 0.480167 | 0.001481 | 0.008732 | 0.003082 | 149.7603 | 0.002379 | 0.00335 |
| 80 | L-15 | 138 | 0.020367 | 0.035729 | 0.450769 | 0.00139 | 0.008197 | 0.002894 | 140.5913 | 0.002233 | 0.003145 |
| 81 | L-16 | 70 | 0.008265 | 0.014499 | 0.182921 | 0.000564 | 0.003326 | 0.001174 | 57.05154 | 0.000906 | 0.001276 |
| 82 | P-17 | 51 | 0.003011 | 0.005282 | 0.066635 | 0.000205 | 0.001212 | 0.000428 | 20.78306 | 0.00033 | 0.000465 |
| 83 | L-18 | 103 | 0.007297 | 0.0128 | 0.161493 | 0.000498 | 0.002937 | 0.001037 | 50.36836 | 0.0008 | 0.001127 |
| 84 | P-19 | 102 | 0.009032 | 0.015845 | 0.199906 | 0.000616 | 0.003635 | 0.001283 | 62.34918 | 0.00099 | 0.001395 |
| 85 | L-20 | 174 | 0.024652 | 0.043248 | 0.545626 | 0.001682 | 0.009922 | 0.003502 | 170.1766 | 0.002703 | 0.003807 |

Table 23: On-Road Controlled Daily Exhaust Emissions (pounds/day)

| Count | Activity Index | Activity Name | Equipment Name | Fuel Type | HP | Quantity | Year | Trips/Day | Trip Length | VMT | Paved Percent | Paved VMT | Unpaved VMT | On Type | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|--|-----------------------|-----------|-----|----------|------|-----------|-------------|-----|---------------|-----------|-------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1 | L-01 | Survey | Pickup - 1/2 Ton | Gasoline | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | passenger | 0.021031 | 0.028534 | 0.360099 | 0.010774 | 0.006343 | 0.002243 | 108.9024 | 0.00197 | 0.002535 |
| 2 | L-02 | Site Development/Staging Yards | Truck - Water 4 K | Diesel | 400 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | vendor | 0.018248 | 0.846513 | 0.127619 | 0.007754 | 0.048351 | 0.020766 | 818.8371 | 0.000848 | 0.129008 |
| 3 | L-02 | Site Development/Staging Yards | Truck - Dump 10-12 Yd | Diesel | 415 | 5 | 2026 | 10 | 40 | 400 | 95 | 380 | 20 | hhd | 0.064682 | 2.247711 | 0.802305 | 0.014322 | 0.124741 | 0.050506 | 1517.409 | 0.003004 | 0.238281 |
| 4 | L-02 | Site Development/Staging Yards | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.042061 | 0.057068 | 0.720198 | 0.002153 | 0.016486 | 0.004486 | 217.8048 | 0.00394 | 0.005069 |
| 5 | L-02 | Site Development/Staging Yards | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.112621 | 0.604868 | 0.675053 | 0.002296 | 0.010933 | 0.003931 | 242.3598 | 0.005231 | 0.038184 |
| 6 | L-02 | Site Development/Staging Yards | Semi Truck | Diesel | 500 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | hhd | 0.025873 | 0.899084 | 0.320922 | 0.005729 | 0.049896 | 0.022022 | 604.9636 | 0.01202 | 0.095312 |
| 7 | L-03 | Below-Grade Construction | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0.009124 | 0.423257 | 0.06381 | 0.003877 | 0.024176 | 0.010384 | 409.4185 | 0.00424 | 0.064504 |
| 8 | L-03 | Below-Grade Construction | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.042061 | 0.057068 | 0.720198 | 0.002153 | 0.016486 | 0.004486 | 217.8048 | 0.00394 | 0.005069 |
| 9 | L-03 | Below-Grade Construction | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.112621 | 0.604868 | 0.675053 | 0.002296 | 0.010933 | 0.003931 | 242.3598 | 0.005231 | 0.038184 |
| 10 | L-03 | Below-Grade Construction | Truck - Concrete | Diesel | 425 | 4 | 2026 | 8 | 40 | 480 | 95 | 456 | 24 | hhd | 0.057446 | 2.433526 | 0.668621 | 0.016751 | 0.149569 | 0.069592 | 1768.935 | 0.002668 | 0.278896 |
| 11 | L-03 | Below-Grade Construction | Truck - Dump 10-12 Yd | Diesel | 415 | 3 | 2026 | 6 | 40 | 240 | 95 | 228 | 12 | hhd | 0.038809 | 1.348627 | 0.481383 | 0.008593 | 0.074845 | 0.033034 | 907.4454 | 0.01803 | 0.142966 |
| 12 | L-04 | Above-Grade Construction | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.042061 | 0.057068 | 0.720198 | 0.002153 | 0.016486 | 0.004486 | 217.8048 | 0.00394 | 0.005069 |
| 13 | L-04 | Above-Grade Construction | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.112621 | 0.604868 | 0.675053 | 0.002296 | 0.010933 | 0.003931 | 242.3598 | 0.005231 | 0.038184 |
| 14 | L-04 | Above-Grade Construction | Welding Truck | Diesel | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0.009124 | 0.423257 | 0.06381 | 0.003877 | 0.024176 | 0.010384 | 409.4185 | 0.00424 | 0.064504 |
| 15 | P-05 | Foundation Installation | Truck - Concrete | Diesel | 425 | 4 | 2026 | 8 | 40 | 480 | 95 | 456 | 24 | hhd | 0.057446 | 2.433526 | 0.668621 | 0.016751 | 0.149569 | 0.069592 | 1768.935 | 0.002668 | 0.278896 |
| 16 | P-05 | Foundation Installation | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.112621 | 0.604868 | 0.675053 | 0.002296 | 0.010933 | 0.003931 | 242.3598 | 0.005231 | 0.038184 |
| 17 | P-05 | Foundation Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0.018248 | 0.846513 | 0.127619 | 0.007754 | 0.048351 | 0.020766 | 818.8371 | 0.000848 | 0.129008 |
| 18 | P-05 | Foundation Installation | Truck - Dump 10-12 Yd | Diesel | 415 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | hhd | 0.025873 | 0.899084 | 0.320922 | 0.005729 | 0.049896 | 0.022022 | 604.9636 | 0.01202 | 0.095312 |
| 19 | P-06 | Structure Installation | Pickup - 1/2 Ton | Gasoline | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | passenger | 0.021031 | 0.028534 | 0.360099 | 0.010774 | 0.006343 | 0.002243 | 108.9024 | 0.00197 | 0.002535 |
| 20 | P-06 | Structure Installation | Pickup - 1 Ton | Diesel | 410 | 2 | 2026 | 4 | 40 | 240 | 95 | 228 | 12 | passenger | 0.084466 | 0.453651 | 0.50629 | 0.01722 | 0.077067 | 0.067747 | 181.7699 | 0.003923 | 0.028638 |
| 21 | P-06 | Structure Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0.013247 | 0.603851 | 0.080859 | 0.005774 | 0.036224 | 0.015538 | 609.7323 | 0.00615 | 0.096064 |
| 22 | P-06 | Structure Installation | Jet Fuel Truck | Diesel | 300 | 1 | 2026 | 2 | 40 | 80 | 95 | 76 | 4 | vendor | 0.004562 | 0.211628 | 0.031905 | 0.001938 | 0.012088 | 0.005192 | 204.7093 | 0.00212 | 0.032252 |
| 23 | P-07 | Conductor Installation | Jet Fuel Truck | Diesel | 300 | 1 | 2026 | 2 | 40 | 80 | 95 | 76 | 4 | vendor | 0.004562 | 0.211628 | 0.031905 | 0.001938 | 0.012088 | 0.005192 | 204.7093 | 0.00212 | 0.032252 |
| 24 | P-07 | Conductor Installation | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.042061 | 0.057068 | 0.720198 | 0.002153 | 0.016486 | 0.004486 | 217.8048 | 0.00394 | 0.005069 |
| 25 | P-07 | Conductor Installation | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.112621 | 0.604868 | 0.675053 | 0.002296 | 0.010933 | 0.003931 | 242.3598 | 0.005231 | 0.038184 |
| 26 | P-07 | Conductor Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0.013247 | 0.603851 | 0.080859 | 0.005774 | 0.036224 | 0.015538 | 609.7323 | 0.00615 | 0.096064 |
| 27 | L-08 | Access Road Construction | Pickup - 1/2 Ton | Gasoline | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | passenger | 0.021031 | 0.028534 | 0.360099 | 0.010774 | 0.006343 | 0.002243 | 108.9024 | 0.00197 | 0.002535 |
| 28 | L-08 | Access Road Construction | Pickup - 1 Ton | Diesel | 410 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | passenger | 0.056311 | 0.302434 | 0.337527 | 0.01148 | 0.051378 | 0.045165 | 121.1799 | 0.00216 | 0.019092 |
| 29 | L-08 | Access Road Construction | Truck - Dump 10-12 Yd | Diesel | 415 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | hhd | 0.025873 | 0.899084 | 0.320922 | 0.005729 | 0.049896 | 0.022022 | 604.9636 | 0.01202 | 0.095312 |
| 30 | L-08 | Access Road Construction | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0.009124 | 0.423257 | 0.06381 | 0.003877 | 0.024176 | 0.010384 | 409.4185 | 0.00424 | 0.064504 |
| 31 | -09 | Foundation Installation | Truck - Concrete | Diesel | 425 | 4 | 2026 | 8 | 40 | 480 | 95 | 456 | 24 | hhd | 0.057446 | 2.433526 | 0.668621 | 0.016751 | 0.149569 | 0.069592 | 1768.935 | 0.002668 | 0.278896 |
| 32 | -09 | Foundation Installation | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.112621 | 0.604868 | 0.675053 | 0.002296 | 0.010933 | 0.003931 | 242.3598 | 0.005231 | 0.038184 |
| 33 | -09 | Foundation Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0.009124 | 0.423257 | 0.06381 | 0.003877 | 0.024176 | 0.010384 | 409.4185 | 0.00424 | 0.064504 |
| 34 | -09 | Foundation Installation | Truck - Dump 10-12 Yd | Diesel | 415 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | hhd | 0.025873 | 0.899084 | 0.320922 | 0.005729 | 0.049896 | 0.022022 | 604.9636 | 0.01202 | 0.095312 |
| 35 | -10 | Structure Installation | Pickup - 1/2 Ton | Gasoline | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | passenger | 0.021031 | 0.028534 | 0.360099 | 0.010774 | 0.006343 | 0.002243 | 108.9024 | 0.00197 | 0.002535 |
| 36 | -10 | Structure Installation | Pickup - 1 Ton | Diesel | 410 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | passenger | 0.056311 | 0.302434 | 0.337527 | 0.01148 | 0.051378 | 0.045165 | 121.1799 | 0.00216 | 0.019092 |
| 37 | -10 | Structure Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0.009124 | 0.423257 | 0.06381 | 0.003877 | 0.024176 | 0.010384 | 409.4185 | 0.00424 | 0.064504 |
| 38 | -11 | Conductor Installation | Jet Fuel Truck | Diesel | 300 | 1 | 2026 | 2 | 40 | 80 | 95 | 76 | 4 | vendor | 0.006624 | 0.301925 | 0.04043 | 0.002887 | 0.018112 | 0.007769 | 304.8662 | 0.00308 | 0.048032 |
| 39 | -11 | Conductor Installation | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.042061 | 0.057068 | 0.720198 | 0.002153 | 0.016486 | 0.004486 | 217.8048 | 0.00394 | 0.005069 |
| 40 | -11 | Conductor Installation | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.112621 | 0.604868 | 0.675053 | 0.002296 | 0.010933 | 0.003931 | 242.3598 | 0.005231 | 0.038184 |
| 41 | -11 | Conductor Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0.009124 | 0.423257 | 0.06381 | 0.003877 | 0.024176 | 0.010384 | 409.4185 | 0.00424 | 0.064504 |
| 42 | -12 | Transition Structure Foundation Installation | Truck - Concrete | Diesel | 425 | 1 | 2026 | 2 | 60 | 300 | 95 | 114 | 8 | hhd | 0.014362 | 0.608382 | 0.167155 | 0.004188 | 0.016486 | 0.004486 | 442.2338 | 0.00667 | 0.069674 |
| 43 | -15 | Southern Transition Approach Construction | Truck - Dump 10-12 Yd | Diesel | 415 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | hhd | 0.051745 | 1.794369 | 0.641844 | 0.011457 | 0.099793 | 0.040465 | 1209.927 | 0.003402 | 0.190625 |
| 44 | -15 | Southern Transition Approach Construction | Onshore Trucks | Diesel | 300 | 4 | 2026 | 8 | 40 | 480 | 95 | 456 | 24 | vendor | 0.026495 | 2.07701 | 0.161719 | 0.011548 | 0.074247 | 0.031076 | 1219.465 | 0.01231 | 0.192127 |
| 45 | -16 | Substation Getaways | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.042061 | 0.057068 | 0.720198 | 0.002153 | 0.016486 | 0.004486 | 217.8048 | 0.00394 | 0.005069 |
| 46 | -16 | Substation Getaways | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0.112621 | 0.604868 | 0.675053 | 0.002296 | 0.010933 | 0.003931 | 242.3598 | 0.005231 | 0.038184 |
| 47 | -16 | Substation Getaways | Welding Truck | Diesel | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | | | | | | | | | |

Table 24: On-Road Controlled Exhaust Emissions (tons)

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1 | L-01 | 26 | 0.000273 | 0.000371 | 0.004681 | 1.4E-05 | 8.25E-05 | 2.92E-05 | 1.415731 | 2.56E-05 | 3.3E-05 |
| 2 | L-02 | 76 | 0.000693 | 0.032168 | 0.00485 | 0.000295 | 0.001837 | 0.000789 | 31.11581 | 3.22E-05 | 0.004902 |
| 3 | L-02 | 76 | 0.002458 | 0.085413 | 0.030488 | 0.000544 | 0.00474 | 0.002092 | 57.47154 | 0.000114 | 0.009055 |
| 4 | L-02 | 76 | 0.001598 | 0.002169 | 0.027368 | 8.18E-05 | 0.000482 | 0.00017 | 8.276582 | 0.00015 | 0.000193 |
| 5 | L-02 | 76 | 0.00428 | 0.022985 | 0.025652 | 8.73E-05 | 0.003905 | 0.003433 | 9.209673 | 0.000199 | 0.001451 |
| 6 | L-02 | 76 | 0.000983 | 0.034165 | 0.012195 | 0.000218 | 0.001896 | 0.000837 | 22.98862 | 4.57E-05 | 0.003622 |
| 7 | L-03 | 152 | 0.000693 | 0.032168 | 0.00485 | 0.000295 | 0.001837 | 0.000789 | 31.11581 | 3.22E-05 | 0.004902 |
| 8 | L-03 | 152 | 0.003197 | 0.004337 | 0.054735 | 0.000164 | 0.000964 | 0.000341 | 16.55316 | 0.000299 | 0.000385 |
| 9 | L-03 | 152 | 0.008559 | 0.04597 | 0.051304 | 0.000175 | 0.007809 | 0.006865 | 18.41935 | 0.000398 | 0.002902 |
| 10 | L-03 | 152 | 0.004366 | 0.184948 | 0.050815 | 0.001273 | 0.011367 | 0.005012 | 134.4391 | 0.000203 | 0.021181 |
| 11 | L-03 | 152 | 0.002949 | 0.102496 | 0.036585 | 0.000653 | 0.005688 | 0.002511 | 68.96585 | 0.000137 | 0.010866 |
| 12 | L-04 | 333 | 0.007003 | 0.009502 | 0.119913 | 0.000359 | 0.002112 | 0.000747 | 36.2645 | 0.000656 | 0.000844 |
| 13 | L-04 | 333 | 0.018751 | 0.100711 | 0.112396 | 0.000382 | 0.017109 | 0.01504 | 40.35291 | 0.000871 | 0.006358 |
| 14 | L-04 | 333 | 0.001519 | 0.070472 | 0.010624 | 0.000646 | 0.004025 | 0.001729 | 68.16819 | 7.06E-05 | 0.01074 |
| 15 | P-05 | 40 | 0.001149 | 0.048671 | 0.013372 | 0.000335 | 0.002991 | 0.001319 | 35.3787 | 5.34E-05 | 0.005574 |
| 16 | P-05 | 40 | 0.003379 | 0.018146 | 0.020252 | 6.89E-05 | 0.003083 | 0.00271 | 7.270795 | 0.000157 | 0.001146 |
| 17 | P-05 | 40 | 0.000265 | 0.012077 | 0.001617 | 0.000115 | 0.000724 | 0.000311 | 12.19465 | 1.23E-05 | 0.001921 |
| 18 | P-05 | 40 | 0.000517 | 0.017982 | 0.006418 | 0.000115 | 0.000998 | 0.00044 | 12.09927 | 2.4E-05 | 0.001906 |
| 19 | P-06 | 21 | 0.000221 | 0.0003 | 0.003781 | 1.13E-05 | 6.66E-05 | 2.36E-05 | 1.143475 | 2.07E-05 | 2.66E-05 |
| 20 | P-06 | 21 | 0.000887 | 0.004763 | 0.005316 | 1.81E-05 | 0.000809 | 0.000711 | 1.908584 | 4.12E-05 | 0.000301 |
| 21 | P-06 | 21 | 0.000139 | 0.00634 | 0.000849 | 6.06E-05 | 0.00038 | 0.000163 | 6.402189 | 6.46E-06 | 0.001009 |
| 22 | P-06 | 21 | 4.79E-05 | 0.002222 | 0.000335 | 2.04E-05 | 0.000127 | 5.45E-05 | 2.149447 | 2.22E-06 | 0.000339 |
| 23 | P-07 | 20 | 4.56E-05 | 0.002116 | 0.000319 | 1.94E-05 | 0.000121 | 5.19E-05 | 2.047093 | 2.12E-06 | 0.000323 |
| 24 | P-07 | 20 | 0.000421 | 0.000571 | 0.007202 | 2.15E-05 | 0.000127 | 4.49E-05 | 2.178048 | 3.94E-05 | 5.07E-05 |
| 25 | P-07 | 20 | 0.001689 | 0.009073 | 0.010126 | 3.44E-05 | 0.001541 | 0.001355 | 3.635397 | 7.85E-05 | 0.000573 |
| 26 | P-07 | 20 | 0.000132 | 0.006039 | 0.000809 | 5.77E-05 | 0.000362 | 0.000155 | 6.097323 | 6.15E-06 | 0.000961 |
| 27 | L-08 | 16 | 0.000168 | 0.000228 | 0.002881 | 8.61E-06 | 5.07E-05 | 1.79E-05 | 0.871219 | 1.58E-05 | 2.03E-05 |
| 28 | L-08 | 16 | 0.00045 | 0.002419 | 0.0027 | 9.19E-06 | 0.000411 | 0.000361 | 0.969439 | 2.09E-05 | 0.000153 |
| 29 | L-08 | 16 | 0.000207 | 0.007193 | 0.002567 | 4.58E-05 | 0.000399 | 0.000176 | 4.839709 | 9.61E-06 | 0.000762 |
| 30 | L-08 | 16 | 7.3E-05 | 0.003386 | 0.00051 | 3.1E-05 | 0.000193 | 8.31E-05 | 3.275348 | 3.39E-06 | 0.000516 |
| 31 | L-09 | 22 | 0.000632 | 0.026769 | 0.007355 | 0.000184 | 0.001645 | 0.000725 | 19.45829 | 2.94E-05 | 0.003066 |
| 32 | L-09 | 22 | 0.001239 | 0.006654 | 0.007426 | 2.53E-05 | 0.00113 | 0.000994 | 2.665958 | 5.75E-05 | 0.00042 |
| 33 | L-09 | 22 | 0.0001 | 0.004656 | 0.000702 | 4.26E-05 | 0.000266 | 0.000114 | 4.503604 | 4.66E-06 | 0.00071 |

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 34 | L-09 | 22 | 0.000285 | 0.00989 | 0.00353 | 6.3E-05 | 0.000549 | 0.000242 | 6.6546 | 1.32E-05 | 0.001048 |
| 35 | L-10 | 24 | 0.000252 | 0.000342 | 0.004321 | 1.29E-05 | 7.61E-05 | 2.69E-05 | 1.306829 | 2.36E-05 | 3.04E-05 |
| 36 | L-10 | 24 | 0.000676 | 0.003629 | 0.00405 | 1.38E-05 | 0.000617 | 0.000542 | 1.454159 | 3.14E-05 | 0.000229 |
| 37 | L-10 | 24 | 0.000109 | 0.005079 | 0.000766 | 4.65E-05 | 0.00029 | 0.000125 | 4.913023 | 5.09E-06 | 0.000774 |
| 38 | L-11 | 26 | 8.61E-05 | 0.003925 | 0.000526 | 3.75E-05 | 0.000235 | 0.000101 | 3.96326 | 4E-06 | 0.000624 |
| 39 | L-11 | 26 | 0.000547 | 0.000742 | 0.009363 | 2.8E-05 | 0.000165 | 5.83E-05 | 2.831462 | 5.12E-05 | 6.59E-05 |
| 40 | L-11 | 26 | 0.001464 | 0.007863 | 0.008776 | 2.99E-05 | 0.001336 | 0.001174 | 3.150678 | 6.8E-05 | 0.000496 |
| 41 | L-11 | 26 | 0.000119 | 0.005502 | 0.00083 | 5.04E-05 | 0.000314 | 0.000135 | 5.322441 | 5.51E-06 | 0.000839 |
| 42 | L-12 | 150 | 0.001077 | 0.045629 | 0.012537 | 0.000314 | 0.002804 | 0.001237 | 33.16753 | 5E-05 | 0.005226 |
| 43 | L-15 | 138 | 0.00357 | 0.124074 | 0.044287 | 0.000791 | 0.006886 | 0.003039 | 83.48498 | 0.000166 | 0.013153 |
| 44 | L-15 | 138 | 0.001828 | 0.083331 | 0.011159 | 0.000797 | 0.004999 | 0.002144 | 84.14306 | 8.49E-05 | 0.013257 |
| 45 | L-16 | 70 | 0.001472 | 0.001997 | 0.025207 | 7.54E-05 | 0.000444 | 0.000157 | 7.623168 | 0.000138 | 0.000177 |
| 46 | L-16 | 70 | 0.003942 | 0.02117 | 0.023627 | 8.04E-05 | 0.003596 | 0.003162 | 8.482594 | 0.000183 | 0.001336 |
| 47 | L-16 | 70 | 0.000319 | 0.014814 | 0.002233 | 0.000136 | 0.000846 | 0.000363 | 14.32965 | 1.48E-05 | 0.002258 |
| 48 | P-17 | 51 | 0.000536 | 0.000728 | 0.009183 | 2.75E-05 | 0.000162 | 5.72E-05 | 2.777011 | 5.02E-05 | 6.46E-05 |
| 49 | P-17 | 51 | 0.002154 | 0.011568 | 0.01291 | 4.39E-05 | 0.001965 | 0.001728 | 4.635132 | 0.0001 | 0.00073 |
| 50 | P-17 | 51 | 0.00066 | 0.022927 | 0.008184 | 0.000146 | 0.001272 | 0.000562 | 15.42657 | 3.06E-05 | 0.00243 |
| 51 | P-17 | 51 | 0.001465 | 0.062055 | 0.01705 | 0.000427 | 0.003814 | 0.001682 | 45.10784 | 6.8E-05 | 0.007107 |
| 52 | L-18 | 103 | 0.001999 | 0.069454 | 0.024791 | 0.000443 | 0.003854 | 0.001701 | 46.73344 | 9.28E-05 | 0.007363 |
| 53 | L-18 | 103 | 0.00435 | 0.023363 | 0.026074 | 8.87E-05 | 0.003969 | 0.003489 | 9.361148 | 0.000202 | 0.001475 |
| 54 | L-18 | 103 | 0.001479 | 0.062663 | 0.017217 | 0.000431 | 0.003851 | 0.001698 | 45.55008 | 6.87E-05 | 0.007176 |
| 55 | L-18 | 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | P-19 | 102 | 0.002145 | 0.00291 | 0.03673 | 0.00011 | 0.000647 | 0.000229 | 11.10804 | 0.000201 | 0.000259 |
| 57 | P-19 | 102 | 0.008616 | 0.046272 | 0.051642 | 0.000176 | 0.007861 | 0.00691 | 18.54053 | 0.0004 | 0.002921 |
| 58 | P-19 | 102 | 0.00015 | 0.007771 | 0.00195 | 5.26E-05 | 0.000311 | 0.000135 | 5.556344 | 6.96E-06 | 0.000875 |
| 59 | L-20 | 174 | 0.003659 | 0.004965 | 0.062657 | 0.000187 | 0.001104 | 0.00039 | 18.94902 | 0.000343 | 0.000441 |
| 60 | L-20 | 174 | 0.009798 | 0.052624 | 0.05873 | 0.0002 | 0.00894 | 0.007859 | 21.0853 | 0.000455 | 0.003322 |
| 61 | L-20 | 174 | 0.000397 | 0.018412 | 0.002776 | 0.000169 | 0.001052 | 0.000452 | 17.80971 | 1.84E-05 | 0.002806 |
| 62 | L-21 | 140 | 0.007883 | 0.042341 | 0.047254 | 0.000161 | 0.007193 | 0.006323 | 16.96519 | 0.000366 | 0.002673 |
| 63 | L-21 | 140 | 0.000639 | 0.029628 | 0.004467 | 0.000271 | 0.001692 | 0.000727 | 28.6593 | 2.97E-05 | 0.004515 |
| 64 | L-21 | 140 | 0.002944 | 0.003995 | 0.050414 | 0.000151 | 0.000888 | 0.000314 | 15.24634 | 0.000276 | 0.000355 |
| 65 | L-21 | 140 | 0.001811 | 0.062936 | 0.022465 | 0.000401 | 0.003493 | 0.001542 | 42.34745 | 8.41E-05 | 0.006672 |
| 66 | L-01 | 26 | 0.000614 | 0.001077 | 0.013588 | 4.19E-05 | 0.000247 | 8.72E-05 | 4.238114 | 6.73E-05 | 9.48E-05 |
| 67 | L-02 | 76 | 0.005384 | 0.009445 | 0.11916 | 0.000367 | 0.002167 | 0.000765 | 37.165 | 0.00059 | 0.000831 |

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 68 | L-03 | 152 | 0.035892 | 0.062966 | 0.794398 | 0.002449 | 0.014446 | 0.005099 | 247.7667 | 0.003935 | 0.005542 |
| 69 | L-04 | 333 | 0.058975 | 0.10346 | 1.30527 | 0.004025 | 0.023737 | 0.008379 | 407.1035 | 0.006466 | 0.009107 |
| 70 | P-05 | 40 | 0.003542 | 0.006214 | 0.078395 | 0.000242 | 0.001426 | 0.000503 | 24.45066 | 0.000388 | 0.000547 |
| 71 | P-06 | 21 | 0.00186 | 0.003262 | 0.041157 | 0.000127 | 0.000748 | 0.000264 | 12.8366 | 0.000204 | 0.000287 |
| 72 | P-07 | 20 | 0.003542 | 0.006214 | 0.078395 | 0.000242 | 0.001426 | 0.000503 | 24.45066 | 0.000388 | 0.000547 |
| 73 | L-08 | 16 | 0.001133 | 0.001988 | 0.025086 | 7.74E-05 | 0.000456 | 0.000161 | 7.824211 | 0.000124 | 0.000175 |
| 74 | L-09 | 22 | 0.001558 | 0.002734 | 0.034494 | 0.000106 | 0.000627 | 0.000221 | 10.75829 | 0.000171 | 0.000241 |
| 75 | L-10 | 24 | 0.0017 | 0.002983 | 0.037629 | 0.000116 | 0.000684 | 0.000242 | 11.73632 | 0.000186 | 0.000263 |
| 76 | L-11 | 26 | 0.004605 | 0.008078 | 0.101913 | 0.000314 | 0.001853 | 0.000654 | 31.78586 | 0.000505 | 0.000711 |
| 77 | L-12 | 150 | 0.01771 | 0.031069 | 0.391973 | 0.001209 | 0.007128 | 0.002516 | 122.2533 | 0.001942 | 0.002735 |
| 78 | L-13 | 25 | 0.002952 | 0.005178 | 0.065329 | 0.000201 | 0.001188 | 0.000419 | 20.37555 | 0.000324 | 0.000456 |
| 79 | L-14 | 147 | 0.021695 | 0.038059 | 0.480167 | 0.001481 | 0.008732 | 0.003082 | 149.7603 | 0.002379 | 0.00335 |
| 80 | L-15 | 138 | 0.020367 | 0.035729 | 0.450769 | 0.00139 | 0.008197 | 0.002894 | 140.5913 | 0.002233 | 0.003145 |
| 81 | L-16 | 70 | 0.008265 | 0.014499 | 0.182921 | 0.000564 | 0.003326 | 0.001174 | 57.05154 | 0.000906 | 0.001276 |
| 82 | P-17 | 51 | 0.003011 | 0.005282 | 0.066635 | 0.000205 | 0.001212 | 0.000428 | 20.78306 | 0.00033 | 0.000465 |
| 83 | L-18 | 103 | 0.007297 | 0.0128 | 0.161493 | 0.000498 | 0.002937 | 0.001037 | 50.36836 | 0.0008 | 0.001127 |
| 84 | P-19 | 102 | 0.009032 | 0.015845 | 0.199906 | 0.000616 | 0.003635 | 0.001283 | 62.34918 | 0.00099 | 0.001395 |
| 85 | L-20 | 174 | 0.024652 | 0.043248 | 0.545626 | 0.001682 | 0.009922 | 0.003502 | 170.1766 | 0.002703 | 0.003807 |

Table 25: On-Road Uncontrolled Daily Dust Emissions (pounds/day)

| Count | Activity Index | Activity Name | Equipment Name | Fuel Type | HP | Quantity | Year | Trips/Day | Trip Length | VMT | Paved Percent | Paved VMT | Unpaved VMT | On Type | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|--|-----------------------|-----------|-----|----------|------|-----------|-------------|-----|---------------|-----------|-------------|-----------|-----|-----|----|-----|----------|----------|-----|-----|-----|
| 1 | L-01 | Survey | Pickup - 1/2 Ton | Gasoline | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | passenger | 0 | 0 | 0 | 0 | 11.81022 | 1.193615 | 0 | 0 | 0 |
| 2 | L-02 | Site Development/Staging Yards | Truck - Water 4 K | Diesel | 300 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | vendor | 0 | 0 | 0 | 0 | 23.62045 | 2.38723 | 0 | 0 | 0 |
| 3 | L-02 | Site Development/Staging Yards | Truck - Dump 10-12 Yd | Diesel | 415 | 5 | 2026 | 10 | 40 | 400 | 95 | 380 | 20 | hhdt | 0 | 0 | 0 | 0 | 29.52556 | 2.984038 | 0 | 0 | 0 |
| 4 | L-02 | Site Development/Staging Yards | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 23.62045 | 2.38723 | 0 | 0 | 0 |
| 5 | L-02 | Site Development/Staging Yards | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 23.62045 | 2.38723 | 0 | 0 | 0 |
| 6 | L-02 | Site Development/Staging Yards | Semi Truck | Diesel | 500 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | hhdt | 0 | 0 | 0 | 0 | 11.81022 | 1.193615 | 0 | 0 | 0 |
| 7 | L-03 | Below-Grade Construction | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0 | 0 | 0 | 0 | 11.81022 | 1.193615 | 0 | 0 | 0 |
| 8 | L-03 | Below-Grade Construction | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 23.62045 | 2.38723 | 0 | 0 | 0 |
| 9 | L-03 | Below-Grade Construction | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 23.62045 | 2.38723 | 0 | 0 | 0 |
| 10 | L-03 | Below-Grade Construction | Truck - Concrete | Diesel | 425 | 4 | 2026 | 8 | 60 | 480 | 95 | 456 | 24 | hhdt | 0 | 0 | 0 | 0 | 35.43067 | 3.580845 | 0 | 0 | 0 |
| 11 | L-03 | Below-Grade Construction | Truck - Dump 10-12 Yd | Diesel | 415 | 3 | 2026 | 6 | 40 | 240 | 95 | 228 | 12 | hhdt | 0 | 0 | 0 | 0 | 17.71533 | 1.790423 | 0 | 0 | 0 |
| 12 | L-04 | Above-Grade Construction | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 23.62045 | 2.38723 | 0 | 0 | 0 |
| 13 | L-04 | Above-Grade Construction | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 23.62045 | 2.38723 | 0 | 0 | 0 |
| 14 | L-04 | Above-Grade Construction | Welding Truck | Diesel | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0 | 0 | 0 | 0 | 11.81022 | 1.193615 | 0 | 0 | 0 |
| 15 | P-05 | Foundation Installation | Truck - Concrete | Diesel | 425 | 4 | 2026 | 8 | 60 | 480 | 95 | 456 | 24 | hhdt | 0 | 0 | 0 | 0 | 35.43067 | 3.580845 | 0 | 0 | 0 |
| 16 | P-05 | Foundation Installation | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 60 | 480 | 95 | 456 | 24 | passenger | 0 | 0 | 0 | 0 | 35.43067 | 3.580845 | 0 | 0 | 0 |
| 17 | P-05 | Foundation Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 60 | 240 | 95 | 228 | 12 | vendor | 0 | 0 | 0 | 0 | 17.71533 | 1.790423 | 0 | 0 | 0 |
| 18 | P-05 | Foundation Installation | Truck - Dump 10-12 Yd | Diesel | 415 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | hhdt | 0 | 0 | 0 | 0 | 11.81022 | 1.193615 | 0 | 0 | 0 |
| 19 | P-06 | Structure Installation | Pickup - 1/2 Ton | Gasoline | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | passenger | 0 | 0 | 0 | 0 | 11.81022 | 1.193615 | 0 | 0 | 0 |
| 20 | P-06 | Structure Installation | Pickup - 1 ton | Diesel | 410 | 2 | 2026 | 4 | 60 | 240 | 95 | 228 | 12 | passenger | 0 | 0 | 0 | 0 | 17.71533 | 1.790423 | 0 | 0 | 0 |
| 21 | P-06 | Structure Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 60 | 240 | 95 | 228 | 12 | vendor | 0 | 0 | 0 | 0 | 17.71533 | 1.790423 | 0 | 0 | 0 |
| 22 | P-06 | Structure Installation | Jet Fuel Truck | Diesel | 300 | 1 | 2026 | 2 | 40 | 80 | 95 | 76 | 4 | vendor | 0 | 0 | 0 | 0 | 5.905111 | 0.596808 | 0 | 0 | 0 |
| 23 | P-07 | Conductor Installation | Jet Fuel Truck | Diesel | 300 | 1 | 2026 | 2 | 40 | 80 | 95 | 76 | 4 | vendor | 0 | 0 | 0 | 0 | 5.905111 | 0.596808 | 0 | 0 | 0 |
| 24 | P-07 | Conductor Installation | Pickup - 1/2 ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 23.62045 | 2.38723 | 0 | 0 | 0 |
| 25 | P-07 | Conductor Installation | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 60 | 480 | 95 | 456 | 24 | passenger | 0 | 0 | 0 | 0 | 35.43067 | 3.580845 | 0 | 0 | 0 |
| 26 | P-07 | Conductor Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 60 | 240 | 95 | 228 | 12 | vendor | 0 | 0 | 0 | 0 | 17.71533 | 1.790423 | 0 | 0 | 0 |
| 27 | L-08 | Access Road Construction | Pickup - 1/2 ton | Gasoline | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | passenger | 0 | 0 | 0 | 0 | 11.81022 | 1.193615 | 0 | 0 | 0 |
| 28 | L-08 | Access Road Construction | Pickup - 1 ton | Diesel | 410 | 2 | 2026 | 4 | 60 | 160 | 95 | 152 | 8 | passenger | 0 | 0 | 0 | 0 | 11.81022 | 1.193615 | 0 | 0 | 0 |
| 29 | L-08 | Access Road Construction | Truck - Dump 10-12 Yd | Diesel | 415 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | hhdt | 0 | 0 | 0 | 0 | 11.81022 | 1.193615 | 0 | 0 | 0 |
| 30 | L-08 | Access Road Construction | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 60 | 160 | 95 | 152 | 8 | vendor | 0 | 0 | 0 | 0 | 11.81022 | 1.193615 | 0 | 0 | 0 |
| 31 | L-09 | Foundation Installation | Truck - Concrete | Diesel | 425 | 4 | 2026 | 8 | 60 | 480 | 95 | 456 | 24 | hhdt | 0 | 0 | 0 | 0 | 35.43067 | 3.580845 | 0 | 0 | 0 |
| 32 | L-09 | Foundation Installation | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 60 | 480 | 95 | 456 | 24 | passenger | 0 | 0 | 0 | 0 | 35.43067 | 3.580845 | 0 | 0 | 0 |
| 33 | L-09 | Foundation Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0 | 0 | 0 | 0 | 11.81022 | 1.193615 | 0 | 0 | 0 |
| 34 | L-09 | Foundation Installation | Truck - Dump 10-12 Yd | Diesel | 415 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | hhdt | 0 | 0 | 0 | 0 | 11.81022 | 1.193615 | 0 | 0 | 0 |
| 35 | L-10 | Structure Installation | Pickup - 1/2 ton | Gasoline | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | passenger | 0 | 0 | 0 | 0 | 11.81022 | 1.193615 | 0 | 0 | 0 |
| 36 | L-10 | Structure Installation | Pickup - 1 ton | Diesel | 410 | 2 | 2026 | 4 | 60 | 160 | 95 | 152 | 8 | passenger | 0 | 0 | 0 | 0 | 11.81022 | 1.193615 | 0 | 0 | 0 |
| 37 | L-10 | Structure Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0 | 0 | 0 | 0 | 11.81022 | 1.193615 | 0 | 0 | 0 |
| 38 | L-11 | Conductor Installation | Jet Fuel Truck | Diesel | 300 | 1 | 2026 | 2 | 60 | 120 | 95 | 114 | 6 | vendor | 0 | 0 | 0 | 0 | 8.857667 | 0.895211 | 0 | 0 | 0 |
| 39 | L-11 | Conductor Installation | Pickup - 1/2 ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 23.62045 | 2.38723 | 0 | 0 | 0 |
| 40 | L-11 | Conductor Installation | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 60 | 480 | 95 | 456 | 24 | passenger | 0 | 0 | 0 | 0 | 35.43067 | 3.580845 | 0 | 0 | 0 |
| 41 | L-11 | Conductor Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0 | 0 | 0 | 0 | 11.81022 | 1.193615 | 0 | 0 | 0 |
| 42 | L-12 | Transition Structure Foundation Installation | Truck - Concrete | Diesel | 425 | 1 | 2026 | 2 | 60 | 120 | 95 | 114 | 6 | hhdt | 0 | 0 | 0 | 0 | 8.857667 | 0.895211 | 0 | 0 | 0 |
| 43 | L-15 | Southern Transition Approach Construction | Truck - Dump 10-12 Yd | Diesel | 415 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | hhdt | 0 | 0 | 0 | 0 | 23.62045 | 2.38723 | 0 | 0 | 0 |
| 44 | L-15 | Southern Transition Approach Construction | Onshore Trucks | Diesel | 300 | 4 | 2026 | 8 | 60 | 480 | 95 | 456 | 24 | vendor | 0 | 0 | 0 | 0 | 35.43067 | 3.580845 | 0 | 0 | 0 |
| 45 | L-16 | Substation Getaways | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 23.62045 | 2.38723 | 0 | 0 | 0 |
| 46 | L-16 | Substation Getaways | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 23.62045 | 2.38723 | 0 | 0 | 0 |
| 47 | L-16 | Substation Getaways | Welding Truck | Diesel | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0 | 0 | 0 | 0 | 11.81022 | 1.193615 | 0 | 0 | 0 |
| 48 | P-17 | Distribution Extension to Substation | Pickup - 1/2 ton | Gasoline | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | passenger | 0 | 0 | 0 | 0 | 11.81022 | 1.193615 | 0 | 0 | 0 |
| 49 | P-17 | Distribution Extension to Substation | Pickup - 1 Ton | Diesel | 410 | 2 | 2026 | 4 | 60 | 240 | 95 | 228 | 12 | passenger | 0 | 0 | 0 | 0 | 17.71533 | 1.790423 | 0 | 0 | 0 |
| 50 | P-17 | Distribution Extension to Substation | Truck - Dump 10-12 Yd | Diesel | 415 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | hhdt | 0 | 0 | 0 | 0 | 11.81022 | 1.193615 | 0 | 0 | 0 |
| 51 | P-17 | Distribution Extension to Substation | Truck - Concrete | Diesel | 425 | 4 | 2026 | 8 | 60 | 480 | 95 | 456 | 24 | hhdt | 0 | 0 | 0 | 0 | 35.43067 | 3.580845 | 0 | 0 | 0 |
| 52 | L-18 | Fiber Extension to Substation | Truck - Dump 10-12 Yd | Diesel | 415 | 3 | 2026 | 6 | 40 | 240 | 95 | 228 | 12 | hhdt | 0 | 0 | 0 | 0 | 17.71533 | 1.790423 | 0 | 0 | 0 |
| 53 | L-18 | Fiber Extension to Substation | Pickup - 1 Ton | Diesel | 410 | 3 | 2026 | 6 | 40 | 240 | 95 | 228 | 12 | passenger | 0 | 0 | 0 | 0 | 17.71533 | 1.790423 | 0 | 0 | 0 |
| 54 | L-18 | Fiber Extension to Substation | Truck - Concrete | Diesel | 425 | 2 | 2026 | 4 | 60 | 240 | 95 | 228 | 12 | hhdt | 0 | 0 | 0 | 0 | 17.71533 | 1.790423 | 0 | 0 | 0 |
| 55 | L-18 | Fiber Extension to Substation | Truck - Water 4 K | Diesel | 300 | 0 | 2026 | 0 | 40 | 0 | 95 | 0 | 0 | vendor | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 23.62045 | 2.38723 | 0 | 0 | 0 |
| 57 | P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 60 | 480 | 95 | 456 | 24 | passenger | 0 | 0 | 0 | 0 | 35.43067 | 3.580845 | | | |

Table 26: On-Road Uncontrolled Dust Emissions (tons)

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|-----|-----|----|-----|----------|----------|-----|-----|-----|
| 1 | L-01 | 26 | 0 | 0 | 0 | 0 | 0.153533 | 0.015517 | 0 | 0 | 0 |
| 2 | L-02 | 76 | 0 | 0 | 0 | 0 | 0.897577 | 0.090715 | 0 | 0 | 0 |
| 3 | L-02 | 76 | 0 | 0 | 0 | 0 | 1.121971 | 0.113393 | 0 | 0 | 0 |
| 4 | L-02 | 76 | 0 | 0 | 0 | 0 | 0.897577 | 0.090715 | 0 | 0 | 0 |
| 5 | L-02 | 76 | 0 | 0 | 0 | 0 | 0.897577 | 0.090715 | 0 | 0 | 0 |
| 6 | L-02 | 76 | 0 | 0 | 0 | 0 | 0.448788 | 0.045357 | 0 | 0 | 0 |
| 7 | L-03 | 152 | 0 | 0 | 0 | 0 | 0.897577 | 0.090715 | 0 | 0 | 0 |
| 8 | L-03 | 152 | 0 | 0 | 0 | 0 | 1.795154 | 0.181429 | 0 | 0 | 0 |
| 9 | L-03 | 152 | 0 | 0 | 0 | 0 | 1.795154 | 0.181429 | 0 | 0 | 0 |
| 10 | L-03 | 152 | 0 | 0 | 0 | 0 | 2.692731 | 0.272144 | 0 | 0 | 0 |
| 11 | L-03 | 152 | 0 | 0 | 0 | 0 | 1.346365 | 0.136072 | 0 | 0 | 0 |
| 12 | L-04 | 333 | 0 | 0 | 0 | 0 | 3.932804 | 0.397474 | 0 | 0 | 0 |
| 13 | L-04 | 333 | 0 | 0 | 0 | 0 | 3.932804 | 0.397474 | 0 | 0 | 0 |
| 14 | L-04 | 333 | 0 | 0 | 0 | 0 | 1.966402 | 0.198737 | 0 | 0 | 0 |
| 15 | P-05 | 40 | 0 | 0 | 0 | 0 | 0.708613 | 0.071617 | 0 | 0 | 0 |
| 16 | P-05 | 40 | 0 | 0 | 0 | 0 | 0.708613 | 0.071617 | 0 | 0 | 0 |
| 17 | P-05 | 40 | 0 | 0 | 0 | 0 | 0.354307 | 0.035808 | 0 | 0 | 0 |
| 18 | P-05 | 40 | 0 | 0 | 0 | 0 | 0.236204 | 0.023872 | 0 | 0 | 0 |
| 19 | P-06 | 21 | 0 | 0 | 0 | 0 | 0.124007 | 0.012533 | 0 | 0 | 0 |
| 20 | P-06 | 21 | 0 | 0 | 0 | 0 | 0.186011 | 0.018799 | 0 | 0 | 0 |
| 21 | P-06 | 21 | 0 | 0 | 0 | 0 | 0.186011 | 0.018799 | 0 | 0 | 0 |
| 22 | P-06 | 21 | 0 | 0 | 0 | 0 | 0.062004 | 0.006266 | 0 | 0 | 0 |
| 23 | P-07 | 20 | 0 | 0 | 0 | 0 | 0.059051 | 0.005968 | 0 | 0 | 0 |
| 24 | P-07 | 20 | 0 | 0 | 0 | 0 | 0.236204 | 0.023872 | 0 | 0 | 0 |
| 25 | P-07 | 20 | 0 | 0 | 0 | 0 | 0.354307 | 0.035808 | 0 | 0 | 0 |
| 26 | P-07 | 20 | 0 | 0 | 0 | 0 | 0.177153 | 0.017904 | 0 | 0 | 0 |
| 27 | L-08 | 16 | 0 | 0 | 0 | 0 | 0.094482 | 0.009549 | 0 | 0 | 0 |
| 28 | L-08 | 16 | 0 | 0 | 0 | 0 | 0.094482 | 0.009549 | 0 | 0 | 0 |
| 29 | L-08 | 16 | 0 | 0 | 0 | 0 | 0.094482 | 0.009549 | 0 | 0 | 0 |
| 30 | L-08 | 16 | 0 | 0 | 0 | 0 | 0.094482 | 0.009549 | 0 | 0 | 0 |
| 31 | L-09 | 22 | 0 | 0 | 0 | 0 | 0.389737 | 0.039389 | 0 | 0 | 0 |
| 32 | L-09 | 22 | 0 | 0 | 0 | 0 | 0.259825 | 0.02626 | 0 | 0 | 0 |
| 33 | L-09 | 22 | 0 | 0 | 0 | 0 | 0.129912 | 0.01313 | 0 | 0 | 0 |

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|-----|-----|----|-----|----------|----------|-----|-----|-----|
| 34 | L-09 | 22 | 0 | 0 | 0 | 0 | 0.129912 | 0.01313 | 0 | 0 | 0 |
| 35 | L-10 | 24 | 0 | 0 | 0 | 0 | 0.141723 | 0.014323 | 0 | 0 | 0 |
| 36 | L-10 | 24 | 0 | 0 | 0 | 0 | 0.141723 | 0.014323 | 0 | 0 | 0 |
| 37 | L-10 | 24 | 0 | 0 | 0 | 0 | 0.141723 | 0.014323 | 0 | 0 | 0 |
| 38 | L-11 | 26 | 0 | 0 | 0 | 0 | 0.11515 | 0.011638 | 0 | 0 | 0 |
| 39 | L-11 | 26 | 0 | 0 | 0 | 0 | 0.307066 | 0.031034 | 0 | 0 | 0 |
| 40 | L-11 | 26 | 0 | 0 | 0 | 0 | 0.307066 | 0.031034 | 0 | 0 | 0 |
| 41 | L-11 | 26 | 0 | 0 | 0 | 0 | 0.153533 | 0.015517 | 0 | 0 | 0 |
| 42 | L-12 | 150 | 0 | 0 | 0 | 0 | 0.664325 | 0.067141 | 0 | 0 | 0 |
| 43 | L-15 | 138 | 0 | 0 | 0 | 0 | 1.629811 | 0.164719 | 0 | 0 | 0 |
| 44 | L-15 | 138 | 0 | 0 | 0 | 0 | 2.444716 | 0.247078 | 0 | 0 | 0 |
| 45 | L-16 | 70 | 0 | 0 | 0 | 0 | 0.826716 | 0.083553 | 0 | 0 | 0 |
| 46 | L-16 | 70 | 0 | 0 | 0 | 0 | 0.826716 | 0.083553 | 0 | 0 | 0 |
| 47 | L-16 | 70 | 0 | 0 | 0 | 0 | 0.413358 | 0.041777 | 0 | 0 | 0 |
| 48 | P-17 | 51 | 0 | 0 | 0 | 0 | 0.301161 | 0.030437 | 0 | 0 | 0 |
| 49 | P-17 | 51 | 0 | 0 | 0 | 0 | 0.451741 | 0.045656 | 0 | 0 | 0 |
| 50 | P-17 | 51 | 0 | 0 | 0 | 0 | 0.301161 | 0.030437 | 0 | 0 | 0 |
| 51 | P-17 | 51 | 0 | 0 | 0 | 0 | 0.903482 | 0.091312 | 0 | 0 | 0 |
| 52 | L-18 | 103 | 0 | 0 | 0 | 0 | 0.91234 | 0.092207 | 0 | 0 | 0 |
| 53 | L-18 | 103 | 0 | 0 | 0 | 0 | 0.91234 | 0.092207 | 0 | 0 | 0 |
| 54 | L-18 | 103 | 0 | 0 | 0 | 0 | 0.91234 | 0.092207 | 0 | 0 | 0 |
| 55 | L-18 | 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | P-19 | 102 | 0 | 0 | 0 | 0 | 1.204643 | 0.121749 | 0 | 0 | 0 |
| 57 | P-19 | 102 | 0 | 0 | 0 | 0 | 1.806964 | 0.182623 | 0 | 0 | 0 |
| 58 | P-19 | 102 | 0 | 0 | 0 | 0 | 0.15058 | 0.015219 | 0 | 0 | 0 |
| 59 | L-20 | 174 | 0 | 0 | 0 | 0 | 2.054979 | 0.207689 | 0 | 0 | 0 |
| 60 | L-20 | 174 | 0 | 0 | 0 | 0 | 2.054979 | 0.207689 | 0 | 0 | 0 |
| 61 | L-20 | 174 | 0 | 0 | 0 | 0 | 0.513745 | 0.051922 | 0 | 0 | 0 |
| 62 | L-21 | 140 | 0 | 0 | 0 | 0 | 1.653431 | 0.167106 | 0 | 0 | 0 |
| 63 | L-21 | 140 | 0 | 0 | 0 | 0 | 0.826716 | 0.083553 | 0 | 0 | 0 |
| 64 | L-21 | 140 | 0 | 0 | 0 | 0 | 1.653431 | 0.167106 | 0 | 0 | 0 |
| 65 | L-21 | 140 | 0 | 0 | 0 | 0 | 0.826716 | 0.083553 | 0 | 0 | 0 |
| 66 | L-01 | 26 | 0 | 0 | 0 | 0 | 0.004128 | 0.001032 | 0 | 0 | 0 |
| 67 | L-02 | 76 | 0 | 0 | 0 | 0 | 0.036199 | 0.00905 | 0 | 0 | 0 |

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|-----|-----|----|-----|----------|----------|-----|-----|-----|
| 68 | L-03 | 152 | 0 | 0 | 0 | 0 | 0.241329 | 0.060332 | 0 | 0 | 0 |
| 69 | L-04 | 333 | 0 | 0 | 0 | 0 | 0.396525 | 0.099131 | 0 | 0 | 0 |
| 70 | P-05 | 40 | 0 | 0 | 0 | 0 | 0.023815 | 0.005954 | 0 | 0 | 0 |
| 71 | P-06 | 21 | 0 | 0 | 0 | 0 | 0.012503 | 0.003126 | 0 | 0 | 0 |
| 72 | P-07 | 20 | 0 | 0 | 0 | 0 | 0.023815 | 0.005954 | 0 | 0 | 0 |
| 73 | L-08 | 16 | 0 | 0 | 0 | 0 | 0.007621 | 0.001905 | 0 | 0 | 0 |
| 74 | L-09 | 22 | 0 | 0 | 0 | 0 | 0.010479 | 0.00262 | 0 | 0 | 0 |
| 75 | L-10 | 24 | 0 | 0 | 0 | 0 | 0.011431 | 0.002858 | 0 | 0 | 0 |
| 76 | L-11 | 26 | 0 | 0 | 0 | 0 | 0.03096 | 0.00774 | 0 | 0 | 0 |
| 77 | L-12 | 150 | 0 | 0 | 0 | 0 | 0.119077 | 0.029769 | 0 | 0 | 0 |
| 78 | L-13 | 25 | 0 | 0 | 0 | 0 | 0.019846 | 0.004962 | 0 | 0 | 0 |
| 79 | L-14 | 147 | 0 | 0 | 0 | 0 | 0.145869 | 0.036467 | 0 | 0 | 0 |
| 80 | L-15 | 138 | 0 | 0 | 0 | 0 | 0.136938 | 0.034235 | 0 | 0 | 0 |
| 81 | L-16 | 70 | 0 | 0 | 0 | 0 | 0.055569 | 0.013892 | 0 | 0 | 0 |
| 82 | P-17 | 51 | 0 | 0 | 0 | 0 | 0.020243 | 0.005061 | 0 | 0 | 0 |
| 83 | L-18 | 103 | 0 | 0 | 0 | 0 | 0.04906 | 0.012265 | 0 | 0 | 0 |
| 84 | P-19 | 102 | 0 | 0 | 0 | 0 | 0.060729 | 0.015182 | 0 | 0 | 0 |
| 85 | L-20 | 174 | 0 | 0 | 0 | 0 | 0.165755 | 0.041439 | 0 | 0 | 0 |

Table 27: On-Road Controlled Daily Dust Emissions (pounds/day)

| Count | Activity Index | Activity Name | Equipment Name | Fuel Type | HP | Quantity | Year | Trips/Day | Trip Length | VMT | Paved Percent | Paved VMT | Unpaved VMT | On Type | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|--|-----------------------|-----------|-----|----------|------|-----------|-------------|-----|---------------|-----------|-------------|-----------|-----|-----|----|-----|----------|----------|-----|-----|-----|
| 1 | L-01 | Survey | Pickup - 1/2 Ton | Gasoline | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | passenger | 0 | 0 | 0 | 0 | 3.05139 | 0.319595 | 0 | 0 | 0 |
| 2 | L-02 | Site Development/Staging Yards | Truck - Water 4 K | Diesel | 300 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | vendor | 0 | 0 | 0 | 0 | 6.102781 | 0.639189 | 0 | 0 | 0 |
| 3 | L-02 | Site Development/Staging Yards | Truck - Dump 10-12 Yd | Diesel | 415 | 5 | 2026 | 10 | 40 | 400 | 95 | 380 | 20 | hhdt | 0 | 0 | 0 | 0 | 7.628476 | 0.798986 | 0 | 0 | 0 |
| 4 | L-02 | Site Development/Staging Yards | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 6.102781 | 0.639189 | 0 | 0 | 0 |
| 5 | L-02 | Site Development/Staging Yards | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 6.102781 | 0.639189 | 0 | 0 | 0 |
| 6 | L-02 | Site Development/Staging Yards | Semi Truck | Diesel | 500 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | hhdt | 0 | 0 | 0 | 0 | 3.05139 | 0.319595 | 0 | 0 | 0 |
| 7 | L-03 | Below-Grade Construction | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0 | 0 | 0 | 0 | 3.05139 | 0.319595 | 0 | 0 | 0 |
| 8 | L-03 | Below-Grade Construction | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 6.102781 | 0.639189 | 0 | 0 | 0 |
| 9 | L-03 | Below-Grade Construction | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 6.102781 | 0.639189 | 0 | 0 | 0 |
| 10 | L-03 | Below-Grade Construction | Truck - Concrete | Diesel | 425 | 4 | 2026 | 8 | 60 | 480 | 95 | 456 | 24 | hhdt | 0 | 0 | 0 | 0 | 9.154171 | 0.958784 | 0 | 0 | 0 |
| 11 | L-03 | Below-Grade Construction | Truck - Dump 10-12 Yd | Diesel | 415 | 3 | 2026 | 6 | 40 | 240 | 95 | 228 | 12 | hhdt | 0 | 0 | 0 | 0 | 4.577085 | 0.479392 | 0 | 0 | 0 |
| 12 | L-04 | Above-Grade Construction | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 6.102781 | 0.639189 | 0 | 0 | 0 |
| 13 | L-04 | Above-Grade Construction | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 6.102781 | 0.639189 | 0 | 0 | 0 |
| 14 | L-04 | Above-Grade Construction | Welding Truck | Diesel | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0 | 0 | 0 | 0 | 3.05139 | 0.319595 | 0 | 0 | 0 |
| 15 | P-05 | Foundation Installation | Truck - Concrete | Diesel | 425 | 4 | 2026 | 8 | 60 | 480 | 95 | 456 | 24 | hhdt | 0 | 0 | 0 | 0 | 9.154171 | 0.958784 | 0 | 0 | 0 |
| 16 | P-05 | Foundation Installation | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 60 | 480 | 95 | 456 | 24 | passenger | 0 | 0 | 0 | 0 | 9.154171 | 0.958784 | 0 | 0 | 0 |
| 17 | P-05 | Foundation Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 60 | 240 | 95 | 228 | 12 | vendor | 0 | 0 | 0 | 0 | 4.577085 | 0.479392 | 0 | 0 | 0 |
| 18 | P-05 | Foundation Installation | Truck - Dump 10-12 Yd | Diesel | 415 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | hhdt | 0 | 0 | 0 | 0 | 3.05139 | 0.319595 | 0 | 0 | 0 |
| 19 | P-06 | Structure Installation | Pickup - 1/2 Ton | Gasoline | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | passenger | 0 | 0 | 0 | 0 | 3.05139 | 0.319595 | 0 | 0 | 0 |
| 20 | P-06 | Structure Installation | Pickup - 1 Ton | Diesel | 410 | 2 | 2026 | 4 | 60 | 240 | 95 | 228 | 12 | passenger | 0 | 0 | 0 | 0 | 4.577085 | 0.479392 | 0 | 0 | 0 |
| 21 | P-06 | Structure Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 60 | 240 | 95 | 228 | 12 | vendor | 0 | 0 | 0 | 0 | 4.577085 | 0.479392 | 0 | 0 | 0 |
| 22 | P-06 | Structure Installation | Jet Fuel Truck | Diesel | 300 | 1 | 2026 | 2 | 40 | 80 | 95 | 76 | 4 | vendor | 0 | 0 | 0 | 0 | 1.525695 | 0.159797 | 0 | 0 | 0 |
| 23 | P-07 | Conductor Installation | Jet Fuel Truck | Diesel | 300 | 1 | 2026 | 2 | 40 | 80 | 95 | 76 | 4 | vendor | 0 | 0 | 0 | 0 | 1.525695 | 0.159797 | 0 | 0 | 0 |
| 24 | P-07 | Conductor Installation | Pickup - 1/2 ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 6.102781 | 0.639189 | 0 | 0 | 0 |
| 25 | P-07 | Conductor Installation | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 60 | 480 | 95 | 456 | 24 | passenger | 0 | 0 | 0 | 0 | 9.154171 | 0.958784 | 0 | 0 | 0 |
| 26 | P-07 | Conductor Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 60 | 240 | 95 | 228 | 12 | vendor | 0 | 0 | 0 | 0 | 4.577085 | 0.479392 | 0 | 0 | 0 |
| 27 | L-08 | Access Road Construction | Pickup - 1/2 ton | Gasoline | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | passenger | 0 | 0 | 0 | 0 | 3.05139 | 0.319595 | 0 | 0 | 0 |
| 28 | L-08 | Access Road Construction | Pickup - 1 ton | Diesel | 410 | 2 | 2026 | 4 | 60 | 160 | 95 | 152 | 8 | passenger | 0 | 0 | 0 | 0 | 3.05139 | 0.319595 | 0 | 0 | 0 |
| 29 | L-08 | Access Road Construction | Truck - Dump 10-12 Yd | Diesel | 415 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | hhdt | 0 | 0 | 0 | 0 | 3.05139 | 0.319595 | 0 | 0 | 0 |
| 30 | L-08 | Access Road Construction | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 60 | 160 | 95 | 152 | 8 | vendor | 0 | 0 | 0 | 0 | 3.05139 | 0.319595 | 0 | 0 | 0 |
| 31 | L-09 | Foundation Installation | Truck - Concrete | Diesel | 425 | 4 | 2026 | 8 | 60 | 480 | 95 | 456 | 24 | hhdt | 0 | 0 | 0 | 0 | 9.154171 | 0.958784 | 0 | 0 | 0 |
| 32 | L-09 | Foundation Installation | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 6.102781 | 0.639189 | 0 | 0 | 0 |
| 33 | L-09 | Foundation Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0 | 0 | 0 | 0 | 3.05139 | 0.319595 | 0 | 0 | 0 |
| 34 | L-09 | Foundation Installation | Truck - Dump 10-12 Yd | Diesel | 415 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | hhdt | 0 | 0 | 0 | 0 | 3.05139 | 0.319595 | 0 | 0 | 0 |
| 35 | L-10 | Structure Installation | Pickup - 1/2 ton | Gasoline | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | passenger | 0 | 0 | 0 | 0 | 3.05139 | 0.319595 | 0 | 0 | 0 |
| 36 | L-10 | Structure Installation | Pickup - 1 ton | Diesel | 410 | 2 | 2026 | 4 | 60 | 160 | 95 | 152 | 8 | passenger | 0 | 0 | 0 | 0 | 3.05139 | 0.319595 | 0 | 0 | 0 |
| 37 | L-10 | Structure Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0 | 0 | 0 | 0 | 3.05139 | 0.319595 | 0 | 0 | 0 |
| 38 | L-11 | Conductor Installation | Jet Fuel Truck | Diesel | 300 | 1 | 2026 | 2 | 60 | 120 | 95 | 114 | 6 | vendor | 0 | 0 | 0 | 0 | 2.288543 | 0.239666 | 0 | 0 | 0 |
| 39 | L-11 | Conductor Installation | Pickup - 1/2 ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 6.102781 | 0.639189 | 0 | 0 | 0 |
| 40 | L-11 | Conductor Installation | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 6.102781 | 0.639189 | 0 | 0 | 0 |
| 41 | L-11 | Conductor Installation | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0 | 0 | 0 | 0 | 3.05139 | 0.319595 | 0 | 0 | 0 |
| 42 | L-12 | Transition Structure Foundation Installation | Truck - Concrete | Diesel | 425 | 1 | 2026 | 2 | 60 | 120 | 95 | 114 | 6 | hhdt | 0 | 0 | 0 | 0 | 2.288543 | 0.239666 | 0 | 0 | 0 |
| 43 | L-15 | Southern Transition Approach Construction | Truck - Dump 10-12 Yd | Diesel | 415 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | hhdt | 0 | 0 | 0 | 0 | 6.102781 | 0.639189 | 0 | 0 | 0 |
| 44 | L-15 | Southern Transition Approach Construction | Onshore Trucks | Diesel | 300 | 4 | 2026 | 8 | 60 | 480 | 95 | 456 | 24 | vendor | 0 | 0 | 0 | 0 | 9.154171 | 0.958784 | 0 | 0 | 0 |
| 45 | L-16 | Substation Getaways | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 6.102781 | 0.639189 | 0 | 0 | 0 |
| 46 | L-16 | Substation Getaways | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 6.102781 | 0.639189 | 0 | 0 | 0 |
| 47 | L-16 | Substation Getaways | Welding Truck | Diesel | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0 | 0 | 0 | 0 | 3.05139 | 0.319595 | 0 | 0 | 0 |
| 48 | P-17 | Distribution Extension to Substation | Pickup - 1/2 ton | Gasoline | 395 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | passenger | 0 | 0 | 0 | 0 | 3.05139 | 0.319595 | 0 | 0 | 0 |
| 49 | P-17 | Distribution Extension to Substation | Pickup - 1 Ton | Diesel | 410 | 2 | 2026 | 4 | 60 | 240 | 95 | 228 | 12 | passenger | 0 | 0 | 0 | 0 | 4.577085 | 0.479392 | 0 | 0 | 0 |
| 50 | P-17 | Distribution Extension to Substation | Truck - Dump 10-12 Yd | Diesel | 415 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | hhdt | 0 | 0 | 0 | 0 | 3.05139 | 0.319595 | 0 | 0 | 0 |
| 51 | P-17 | Distribution Extension to Substation | Truck - Concrete | Diesel | 425 | 4 | 2026 | 8 | 60 | 480 | 95 | 456 | 24 | hhdt | 0 | 0 | 0 | 0 | 9.154171 | 0.958784 | 0 | 0 | 0 |
| 52 | L-18 | Fiber Extension to Substation | Truck - Dump 10-12 Yd | Diesel | 415 | 3 | 2026 | 6 | 40 | 240 | 95 | 228 | 12 | hhdt | 0 | 0 | 0 | 0 | 4.577085 | 0.479392 | 0 | 0 | 0 |
| 53 | L-18 | Fiber Extension to Substation | Pickup - 1 Ton | Diesel | 410 | 3 | 2026 | 6 | 40 | 240 | 95 | 228 | 12 | passenger | 0 | 0 | 0 | 0 | 4.577085 | 0.479392 | 0 | 0 | 0 |
| 54 | L-18 | Fiber Extension to Substation | Truck - Concrete | Diesel | 425 | 2 | 2026 | 4 | 60 | 240 | 95 | 228 | 12 | hhdt | 0 | 0 | 0 | 0 | 4.577085 | 0.479392 | 0 | 0 | 0 |
| 55 | L-18 | Fiber Extension to Substation | Truck - Water 4 K | Diesel | 300 | 0 | 2026 | 0 | 40 | 0 | 95 | 0 | 0 | vendor | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 6.102781 | 0.639189 | 0 | 0 | 0 |
| 57 | P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 60 | 480 | 95 | 456 | 24 | passenger | 0 | 0 | 0 | 0 | 9.154171 | 0.958784 | 0 | 0 | 0 |
| 58 | P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | Welding Truck | Diesel | 395 | 2 | 2026 | 4 | 10 | 40 | 95 | 38 | 2 | vendor | 0 | 0 | 0 | 0 | 0.762848 | 0.078999 | 0 | 0 | 0 |
| 59 | L-20 | Commissioning and Testing | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 6.102781 | 0.639189 | 0 | 0 | 0 |
| 60 | L-20 | Commissioning and Testing | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 6.102781 | 0.639189 | 0 | 0 | 0 |
| 61 | L-20 | Commissioning and Testing | Truck - Water 4 K | Diesel | 300 | 1 | 2026 | 2 | 40 | 80 | 95 | 76 | 4 | vendor | 0 | 0 | 0 | 0 | 1.525695 | 0.159797 | 0 | 0 | 0 |
| 62 | L-21 | Cleanup and Restoration | Pickup - 1 Ton | Diesel | 410 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 6.102781 | 0.639189 | 0 | 0 | 0 |
| 63 | L-21 | Cleanup and Restoration | Truck - Water 4 K | Diesel | 300 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | vendor | 0 | 0 | 0 | 0 | 3.05139 | 0.319595 | 0 | 0 | 0 |
| 64 | L-21 | Cleanup and Restoration | Pickup - 1/2 Ton | Gasoline | 395 | 4 | 2026 | 8 | 40 | 320 | 95 | 304 | 16 | passenger | 0 | 0 | 0 | 0 | 6.102781 | 0.639189 | 0 | 0 | 0 |
| 65 | L-21 | Cleanup and Restoration | Truck - Dump 10-12 Yd | Diesel | 415 | 2 | 2026 | 4 | 40 | 160 | 95 | 152 | 8 | hhdt | 0 | 0 | 0 | 0 | 3.05139 | | | | |

Table 28: On-Road Controlled Dust Emissions (tons)

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|-----|-----|----|-----|----------|----------|-----|-----|-----|
| 1 | L-01 | 26 | 0 | 0 | 0 | 0 | 0.039668 | 0.004155 | 0 | 0 | 0 |
| 2 | L-02 | 76 | 0 | 0 | 0 | 0 | 0.231906 | 0.024289 | 0 | 0 | 0 |
| 3 | L-02 | 76 | 0 | 0 | 0 | 0 | 0.289882 | 0.030361 | 0 | 0 | 0 |
| 4 | L-02 | 76 | 0 | 0 | 0 | 0 | 0.231906 | 0.024289 | 0 | 0 | 0 |
| 5 | L-02 | 76 | 0 | 0 | 0 | 0 | 0.231906 | 0.024289 | 0 | 0 | 0 |
| 6 | L-02 | 76 | 0 | 0 | 0 | 0 | 0.115953 | 0.012145 | 0 | 0 | 0 |
| 7 | L-03 | 152 | 0 | 0 | 0 | 0 | 0.231906 | 0.024289 | 0 | 0 | 0 |
| 8 | L-03 | 152 | 0 | 0 | 0 | 0 | 0.463811 | 0.048578 | 0 | 0 | 0 |
| 9 | L-03 | 152 | 0 | 0 | 0 | 0 | 0.463811 | 0.048578 | 0 | 0 | 0 |
| 10 | L-03 | 152 | 0 | 0 | 0 | 0 | 0.695717 | 0.072868 | 0 | 0 | 0 |
| 11 | L-03 | 152 | 0 | 0 | 0 | 0 | 0.347858 | 0.036434 | 0 | 0 | 0 |
| 12 | L-04 | 333 | 0 | 0 | 0 | 0 | 1.016113 | 0.106425 | 0 | 0 | 0 |
| 13 | L-04 | 333 | 0 | 0 | 0 | 0 | 1.016113 | 0.106425 | 0 | 0 | 0 |
| 14 | L-04 | 333 | 0 | 0 | 0 | 0 | 0.508056 | 0.053212 | 0 | 0 | 0 |
| 15 | P-05 | 40 | 0 | 0 | 0 | 0 | 0.183083 | 0.019176 | 0 | 0 | 0 |
| 16 | P-05 | 40 | 0 | 0 | 0 | 0 | 0.183083 | 0.019176 | 0 | 0 | 0 |
| 17 | P-05 | 40 | 0 | 0 | 0 | 0 | 0.091542 | 0.009588 | 0 | 0 | 0 |
| 18 | P-05 | 40 | 0 | 0 | 0 | 0 | 0.061028 | 0.006392 | 0 | 0 | 0 |
| 19 | P-06 | 21 | 0 | 0 | 0 | 0 | 0.03204 | 0.003356 | 0 | 0 | 0 |
| 20 | P-06 | 21 | 0 | 0 | 0 | 0 | 0.048059 | 0.005034 | 0 | 0 | 0 |
| 21 | P-06 | 21 | 0 | 0 | 0 | 0 | 0.048059 | 0.005034 | 0 | 0 | 0 |
| 22 | P-06 | 21 | 0 | 0 | 0 | 0 | 0.01602 | 0.001678 | 0 | 0 | 0 |
| 23 | P-07 | 20 | 0 | 0 | 0 | 0 | 0.015257 | 0.001598 | 0 | 0 | 0 |
| 24 | P-07 | 20 | 0 | 0 | 0 | 0 | 0.061028 | 0.006392 | 0 | 0 | 0 |
| 25 | P-07 | 20 | 0 | 0 | 0 | 0 | 0.091542 | 0.009588 | 0 | 0 | 0 |
| 26 | P-07 | 20 | 0 | 0 | 0 | 0 | 0.045771 | 0.004794 | 0 | 0 | 0 |
| 27 | L-08 | 16 | 0 | 0 | 0 | 0 | 0.024411 | 0.002557 | 0 | 0 | 0 |
| 28 | L-08 | 16 | 0 | 0 | 0 | 0 | 0.024411 | 0.002557 | 0 | 0 | 0 |
| 29 | L-08 | 16 | 0 | 0 | 0 | 0 | 0.024411 | 0.002557 | 0 | 0 | 0 |
| 30 | L-08 | 16 | 0 | 0 | 0 | 0 | 0.024411 | 0.002557 | 0 | 0 | 0 |
| 31 | L-09 | 22 | 0 | 0 | 0 | 0 | 0.100696 | 0.010547 | 0 | 0 | 0 |
| 32 | L-09 | 22 | 0 | 0 | 0 | 0 | 0.067131 | 0.007031 | 0 | 0 | 0 |
| 33 | L-09 | 22 | 0 | 0 | 0 | 0 | 0.033565 | 0.003516 | 0 | 0 | 0 |

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|-----|-----|----|-----|----------|----------|-----|-----|-----|
| 34 | L-09 | 22 | 0 | 0 | 0 | 0 | 0.033565 | 0.003516 | 0 | 0 | 0 |
| 35 | L-10 | 24 | 0 | 0 | 0 | 0 | 0.036617 | 0.003835 | 0 | 0 | 0 |
| 36 | L-10 | 24 | 0 | 0 | 0 | 0 | 0.036617 | 0.003835 | 0 | 0 | 0 |
| 37 | L-10 | 24 | 0 | 0 | 0 | 0 | 0.036617 | 0.003835 | 0 | 0 | 0 |
| 38 | L-11 | 26 | 0 | 0 | 0 | 0 | 0.029751 | 0.003116 | 0 | 0 | 0 |
| 39 | L-11 | 26 | 0 | 0 | 0 | 0 | 0.079336 | 0.008309 | 0 | 0 | 0 |
| 40 | L-11 | 26 | 0 | 0 | 0 | 0 | 0.079336 | 0.008309 | 0 | 0 | 0 |
| 41 | L-11 | 26 | 0 | 0 | 0 | 0 | 0.039668 | 0.004155 | 0 | 0 | 0 |
| 42 | L-12 | 150 | 0 | 0 | 0 | 0 | 0.171641 | 0.017977 | 0 | 0 | 0 |
| 43 | L-15 | 138 | 0 | 0 | 0 | 0 | 0.421092 | 0.044104 | 0 | 0 | 0 |
| 44 | L-15 | 138 | 0 | 0 | 0 | 0 | 0.631638 | 0.066156 | 0 | 0 | 0 |
| 45 | L-16 | 70 | 0 | 0 | 0 | 0 | 0.213597 | 0.022372 | 0 | 0 | 0 |
| 46 | L-16 | 70 | 0 | 0 | 0 | 0 | 0.213597 | 0.022372 | 0 | 0 | 0 |
| 47 | L-16 | 70 | 0 | 0 | 0 | 0 | 0.106799 | 0.011186 | 0 | 0 | 0 |
| 48 | P-17 | 51 | 0 | 0 | 0 | 0 | 0.07781 | 0.00815 | 0 | 0 | 0 |
| 49 | P-17 | 51 | 0 | 0 | 0 | 0 | 0.116716 | 0.012224 | 0 | 0 | 0 |
| 50 | P-17 | 51 | 0 | 0 | 0 | 0 | 0.07781 | 0.00815 | 0 | 0 | 0 |
| 51 | P-17 | 51 | 0 | 0 | 0 | 0 | 0.233431 | 0.024449 | 0 | 0 | 0 |
| 52 | L-18 | 103 | 0 | 0 | 0 | 0 | 0.23572 | 0.024689 | 0 | 0 | 0 |
| 53 | L-18 | 103 | 0 | 0 | 0 | 0 | 0.23572 | 0.024689 | 0 | 0 | 0 |
| 54 | L-18 | 103 | 0 | 0 | 0 | 0 | 0.23572 | 0.024689 | 0 | 0 | 0 |
| 55 | L-18 | 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | P-19 | 102 | 0 | 0 | 0 | 0 | 0.311242 | 0.032599 | 0 | 0 | 0 |
| 57 | P-19 | 102 | 0 | 0 | 0 | 0 | 0.466863 | 0.048898 | 0 | 0 | 0 |
| 58 | P-19 | 102 | 0 | 0 | 0 | 0 | 0.038905 | 0.004075 | 0 | 0 | 0 |
| 59 | L-20 | 174 | 0 | 0 | 0 | 0 | 0.530942 | 0.055609 | 0 | 0 | 0 |
| 60 | L-20 | 174 | 0 | 0 | 0 | 0 | 0.530942 | 0.055609 | 0 | 0 | 0 |
| 61 | L-20 | 174 | 0 | 0 | 0 | 0 | 0.132735 | 0.013902 | 0 | 0 | 0 |
| 62 | L-21 | 140 | 0 | 0 | 0 | 0 | 0.427195 | 0.044743 | 0 | 0 | 0 |
| 63 | L-21 | 140 | 0 | 0 | 0 | 0 | 0.213597 | 0.022372 | 0 | 0 | 0 |
| 64 | L-21 | 140 | 0 | 0 | 0 | 0 | 0.427195 | 0.044743 | 0 | 0 | 0 |
| 65 | L-21 | 140 | 0 | 0 | 0 | 0 | 0.213597 | 0.022372 | 0 | 0 | 0 |
| 66 | L-01 | 26 | 0 | 0 | 0 | 0 | 0.004128 | 0.001032 | 0 | 0 | 0 |
| 67 | L-02 | 76 | 0 | 0 | 0 | 0 | 0.036199 | 0.00905 | 0 | 0 | 0 |

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|-----|-----|----|-----|----------|----------|-----|-----|-----|
| 68 | L-03 | 152 | 0 | 0 | 0 | 0 | 0.241329 | 0.060332 | 0 | 0 | 0 |
| 69 | L-04 | 333 | 0 | 0 | 0 | 0 | 0.396525 | 0.099131 | 0 | 0 | 0 |
| 70 | P-05 | 40 | 0 | 0 | 0 | 0 | 0.023815 | 0.005954 | 0 | 0 | 0 |
| 71 | P-06 | 21 | 0 | 0 | 0 | 0 | 0.012503 | 0.003126 | 0 | 0 | 0 |
| 72 | P-07 | 20 | 0 | 0 | 0 | 0 | 0.023815 | 0.005954 | 0 | 0 | 0 |
| 73 | L-08 | 16 | 0 | 0 | 0 | 0 | 0.007621 | 0.001905 | 0 | 0 | 0 |
| 74 | L-09 | 22 | 0 | 0 | 0 | 0 | 0.010479 | 0.00262 | 0 | 0 | 0 |
| 75 | L-10 | 24 | 0 | 0 | 0 | 0 | 0.011431 | 0.002858 | 0 | 0 | 0 |
| 76 | L-11 | 26 | 0 | 0 | 0 | 0 | 0.03096 | 0.00774 | 0 | 0 | 0 |
| 77 | L-12 | 150 | 0 | 0 | 0 | 0 | 0.119077 | 0.029769 | 0 | 0 | 0 |
| 78 | L-13 | 25 | 0 | 0 | 0 | 0 | 0.019846 | 0.004962 | 0 | 0 | 0 |
| 79 | L-14 | 147 | 0 | 0 | 0 | 0 | 0.145869 | 0.036467 | 0 | 0 | 0 |
| 80 | L-15 | 138 | 0 | 0 | 0 | 0 | 0.136938 | 0.034235 | 0 | 0 | 0 |
| 81 | L-16 | 70 | 0 | 0 | 0 | 0 | 0.055569 | 0.013892 | 0 | 0 | 0 |
| 82 | P-17 | 51 | 0 | 0 | 0 | 0 | 0.020243 | 0.005061 | 0 | 0 | 0 |
| 83 | L-18 | 103 | 0 | 0 | 0 | 0 | 0.04906 | 0.012265 | 0 | 0 | 0 |
| 84 | P-19 | 102 | 0 | 0 | 0 | 0 | 0.060729 | 0.015182 | 0 | 0 | 0 |
| 85 | L-20 | 174 | 0 | 0 | 0 | 0 | 0.165755 | 0.041439 | 0 | 0 | 0 |

Table 29: Earth Moving Uncontrolled Daily Emissions (pounds/day)

| Count | Activity Index | Activity Name | Equipment Name | Fuel Type | Quantity | Hours Per Day | Eq/EEModType | EM Type | Acres Graded | Hours Bulldozed | EF_PM10_Grading | EF_PM2.5_Grading | EF_PM10_Bulldozing | EF_PM2.5_Bulldozing | COG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | GH4 | N2O |
|-------|----------------|--------------------------------|----------------|-----------|----------|---------------|---------------------|------------|--------------|-----------------|-----------------|------------------|--------------------|---------------------|-----|-----|----|-----|----------|----------|-----|-----|-----|
| 1 | L-02 | Site Development/Staging Yards | Motor Grader | Diesel | 2 | 10 | Graders | grading | 0.625 | 0 | 1.060500375 | 0.114509168 | 0.752760759 | 0.413778428 | 0 | 0 | 0 | 0 | 0.662813 | 0.071568 | 0 | 0 | 0 |
| 2 | L-02 | Site Development/Staging Yards | Scraper | Diesel | 4 | 10 | Scrapers | grading | 1.25 | 0 | 1.060500375 | 0.114509168 | 0.752760759 | 0.413778428 | 0 | 0 | 0 | 0 | 1.325625 | 0.143136 | 0 | 0 | 0 |
| 3 | P-05 | Foundation Installation | Motor Grader | Diesel | 1 | 10 | Graders | grading | 0.625 | 0 | 1.060500375 | 0.114509168 | 0.752760759 | 0.413778428 | 0 | 0 | 0 | 0 | 0.662813 | 0.071568 | 0 | 0 | 0 |
| 4 | P-05 | Foundation Installation | D6 Type Dozer | Diesel | 1 | 10 | Rubber Tired Dozers | bulldozing | 0 | 10 | 1.060500375 | 0.114509168 | 0.752760759 | 0.413778428 | 0 | 0 | 0 | 0 | 7.527608 | 4.137784 | 0 | 0 | 0 |
| 5 | L-08 | Access Road Construction | Motor Grader | Diesel | 1 | 10 | Graders | grading | 0.625 | 0 | 1.060500375 | 0.114509168 | 0.752760759 | 0.413778428 | 0 | 0 | 0 | 0 | 0.662813 | 0.071568 | 0 | 0 | 0 |
| 6 | L-08 | Access Road Construction | D6 Type Dozer | Diesel | 1 | 10 | Rubber Tired Dozers | bulldozing | 0 | 10 | 1.060500375 | 0.114509168 | 0.752760759 | 0.413778428 | 0 | 0 | 0 | 0 | 7.527608 | 4.137784 | 0 | 0 | 0 |
| 7 | L-21 | Cleanup and Restoration | Motor Grader | Diesel | 2 | 10 | Graders | grading | 0.625 | 0 | 1.060500375 | 0.114509168 | 0.752760759 | 0.413778428 | 0 | 0 | 0 | 0 | 0.662813 | 0.071568 | 0 | 0 | 0 |
| 8 | L-21 | Cleanup and Restoration | D6 Type Dozer | Diesel | 1 | 10 | Rubber Tired Dozers | bulldozing | 0 | 10 | 1.060500375 | 0.114509168 | 0.752760759 | 0.413778428 | 0 | 0 | 0 | 0 | 7.527608 | 4.137784 | 0 | 0 | 0 |

Table 30: Earth Moving Uncontrolled Emissions (tons)

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|-----|-----|----|-----|----------|----------|-----|-----|-----|
| 1 | L-02 | 76 | 0 | 0 | 0 | 0 | 0.025187 | 0.00272 | 0 | 0 | 0 |
| 2 | L-02 | 76 | 0 | 0 | 0 | 0 | 0.050374 | 0.005439 | 0 | 0 | 0 |
| 3 | P-05 | 40 | 0 | 0 | 0 | 0 | 0.013256 | 0.001431 | 0 | 0 | 0 |
| 4 | P-05 | 40 | 0 | 0 | 0 | 0 | 0.150552 | 0.082756 | 0 | 0 | 0 |
| 5 | L-08 | 16 | 0 | 0 | 0 | 0 | 0.005303 | 0.000573 | 0 | 0 | 0 |
| 6 | L-08 | 16 | 0 | 0 | 0 | 0 | 0.060221 | 0.033102 | 0 | 0 | 0 |
| 7 | L-21 | 140 | 0 | 0 | 0 | 0 | 0.046397 | 0.00501 | 0 | 0 | 0 |
| 8 | L-21 | 140 | 0 | 0 | 0 | 0 | 0.526933 | 0.289645 | 0 | 0 | 0 |

Table 31: Earth Moving Controlled Daily Emissions (pounds/day)

| Count | Activity Index | Activity Name | Equipment Name | Fuel Type | Quantity | Hours Per Day | GHGEModType | EM Type | Acres Graded | Hours Bulldozed | EF_PM10_Grading | EF_PM2.5_Grading | EF_PM10_Bulldozing | EF_PM2.5_Bulldozing | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|--------------------------------|----------------|-----------|----------|---------------|---------------------|------------|--------------|-----------------|-----------------|------------------|--------------------|---------------------|-----|-----|----|-----|----------|----------|-----|-----|-----|
| 1 | L-02 | Site Development/Staging Yards | Motor Grader | Diesel | 2 | 10 | Graders | grading | 0.625 | 0 | 0.413595146 | 0.044658576 | 0.293576696 | 0.161373587 | 0 | 0 | 0 | 0 | 0.258497 | 0.027912 | 0 | 0 | 0 |
| 2 | L-02 | Site Development/Staging Yards | Scraper | Diesel | 4 | 10 | Scrapers | grading | 1.25 | 0 | 0.413595146 | 0.044658576 | 0.293576696 | 0.161373587 | 0 | 0 | 0 | 0 | 0.516994 | 0.055823 | 0 | 0 | 0 |
| 3 | P-05 | Foundation Installation | Motor Grader | Diesel | 1 | 10 | Graders | grading | 0.625 | 0 | 0.413595146 | 0.044658576 | 0.293576696 | 0.161373587 | 0 | 0 | 0 | 0 | 0.258497 | 0.027912 | 0 | 0 | 0 |
| 4 | P-05 | Foundation Installation | D6 Type Dozer | Diesel | 1 | 10 | Rubber Tired Dozers | bulldozing | 0 | 10 | 0.413595146 | 0.044658576 | 0.293576696 | 0.161373587 | 0 | 0 | 0 | 0 | 2.935767 | 1.613736 | 0 | 0 | 0 |
| 5 | L-08 | Access Road Construction | Motor Grader | Diesel | 1 | 10 | Graders | grading | 0.625 | 0 | 0.413595146 | 0.044658576 | 0.293576696 | 0.161373587 | 0 | 0 | 0 | 0 | 0.258497 | 0.027912 | 0 | 0 | 0 |
| 6 | L-08 | Access Road Construction | D6 Type Dozer | Diesel | 1 | 10 | Rubber Tired Dozers | bulldozing | 0 | 10 | 0.413595146 | 0.044658576 | 0.293576696 | 0.161373587 | 0 | 0 | 0 | 0 | 2.935767 | 1.613736 | 0 | 0 | 0 |
| 7 | L-21 | Cleanup and Restoration | Motor Grader | Diesel | 2 | 10 | Graders | grading | 0.625 | 0 | 0.413595146 | 0.044658576 | 0.293576696 | 0.161373587 | 0 | 0 | 0 | 0 | 0.258497 | 0.027912 | 0 | 0 | 0 |
| 8 | L-21 | Cleanup and Restoration | D6 Type Dozer | Diesel | 1 | 10 | Rubber Tired Dozers | bulldozing | 0 | 10 | 0.413595146 | 0.044658576 | 0.293576696 | 0.161373587 | 0 | 0 | 0 | 0 | 2.935767 | 1.613736 | 0 | 0 | 0 |

Table 32: Earth Moving Controlled Emissions (tons)

| Count | Activity Index | Days Used | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O |
|-------|----------------|-----------|-----|-----|----|-----|----------|----------|-----|-----|-----|
| 1 | L-02 | 76 | 0 | 0 | 0 | 0 | 0.009823 | 0.001061 | 0 | 0 | 0 |
| 2 | L-02 | 76 | 0 | 0 | 0 | 0 | 0.019646 | 0.002121 | 0 | 0 | 0 |
| 3 | P-05 | 40 | 0 | 0 | 0 | 0 | 0.00517 | 0.000558 | 0 | 0 | 0 |
| 4 | P-05 | 40 | 0 | 0 | 0 | 0 | 0.058715 | 0.032275 | 0 | 0 | 0 |
| 5 | L-08 | 16 | 0 | 0 | 0 | 0 | 0.002068 | 0.000223 | 0 | 0 | 0 |
| 6 | L-08 | 16 | 0 | 0 | 0 | 0 | 0.023486 | 0.01291 | 0 | 0 | 0 |
| 7 | L-21 | 140 | 0 | 0 | 0 | 0 | 0.018095 | 0.001954 | 0 | 0 | 0 |
| 8 | L-21 | 140 | 0 | 0 | 0 | 0 | 0.205504 | 0.112962 | 0 | 0 | 0 |

Table 33: Heavy-Duty Helicopter Emissions

| | | | |
|--------------------------|---------------------|------------|--|
| Helicopter Model | Sikorsky Black Hawk | | |
| Engine Type | T700-GE-700 | | |
| Fuel S Content by Weight | 0.3 % | | |
| Fuel Burn Rate | 164 gal/hr | | |
| Jet Fuel density | 7 lbs/gal | | |
| Fuel Type | Jet Fuel A | | |
| High Heat Value | 72.22 kg CO2/MMBtu | (ARB 2012) | |
| CO2 emission factor | 0.135 MMBtu/gal | (ARB 2012) | |

| | Fuel (kg) | NOx (g) | HC | CO | PM | Fugitive PM |
|-----|-----------|---------|------|-------|------|-------------|
| LTO | 73 | 575.3 | 571 | 724.9 | 16.9 | 1500 |
| Run | 507.6 | 5430 | 1110 | 1320 | 1800 | |

| Activity | Emission Rate | | | | | | PM2.5 | CO2 |
|-----------------|---------------|-------|--------|-------|-------|-------|----------|-----|
| | HC | CO | NOx | SOx | PM | | | |
| Flight (lbs/hr) | 2.442 | 2.904 | 11.946 | 0.093 | 3.960 | 3.643 | 3522.486 | |
| LTO (lbs) | 1.256 | 1.595 | 1.266 | 0.045 | 3.337 | 0.727 | 230.265 | |

| Activity | Working Hrs | Emissions lbs/day | | | | | | PM2.5 | CO2 |
|----------|-------------|-------------------|--------|--------|-------|--------|-------|-----------|-----|
| | | HC | CO | NOx | SOx | PM | | | |
| Flight | 3 | 7.326 | 8.712 | 35.838 | 0.279 | 11.880 | 7.286 | 10567.459 | |
| LTO | 2 | 1.256 | 1.595 | 1.266 | 0.045 | 3.337 | 0.727 | 230.265 | |
| TOTAL | | 8.582 | 10.307 | 37.104 | 0.324 | 15.217 | 8.014 | 10797.724 | |

| Construction Phase | Working Days | Emissions tons | | | | | | MT |
|--------------------|--------------|----------------|-------|-------|-------|-------|-------|---------|
| | | HC | CO | NOx | SOx | PM | | |
| P-06 | 21 | 0.090 | 0.108 | 0.390 | 0.003 | 0.160 | 0.084 | 113.376 |

NOTES:

California Air Resources Board (ARB). 2012. Regulation for the Mandatory Reporting of Greenhouse Gas Emissions. Petroleum Fuels. Section 95115(c)(1)
 Ref: Swiss Confederation, DETEC and FOCA "Guidance on the Determination of Helicopter Emissions", 2015
 Engine T700-GI-700

Fugitive dust estimates from Emission Factor Source: `

Fugitive dust estimates from Emission Factor Source: Dr. J. A. Gillies et. al. December 31, 2007. Particulate Matter Emissions for Dust from Unique Military Activities.

Table 34: Light-Duty Helicopter Emissions

| | | | |
|--------------------------|--------------------|------------|--|
| Helicopter Model | Hughes 500 | | |
| Engine Type | DDA250-C18 | | |
| Fuel S Content by Weight | 0.3 % | | |
| Fuel Burn Rate | 32 gal/hr | | |
| Jet Fuel density | 7 lbs/gal | | |
| Fuel Type | Jet Fuel A | | |
| High Heat Value | 72.22 kg CO2/MMBtu | (ARB 2012) | |
| CO2 emission factor | 0.135 MMBtu/gal | (ARB 2012) | |

| | Fuel (kg) | NOx (g) | HC | CO | PM | Fugitive PM |
|-----|-----------|---------|-------|-------|-----|-------------|
| LTO | 16.4 | 59.5 | 438.2 | 571.2 | 2.3 | 1500 |
| Run | 98.8 | 480 | 960 | 1200 | 16 | |

| Activity | Emission Rate | | | | | | |
|-----------------|---------------|-------|-------|-------|-------|-------|---------|
| | HC | CO | NOx | SOx | PM10 | PM2.5 | CO2 |
| Flight (lbs/hr) | 2.112 | 2.640 | 1.056 | 0.018 | 0.035 | 0.032 | 685.622 |
| LTO (lbs) | 0.964 | 1.257 | 0.131 | 0.010 | 3.305 | 0.698 | 51.731 |

| Activity | Working Hrs | Emissions lbs/day | | | | | | |
|----------|-------------|-------------------|--------|-------|-------|-------|-------|----------|
| | | HC | CO | NOx | SOx | PM10 | PM2.5 | CO2 |
| Flight | 8 | 16.896 | 21.120 | 8.448 | 0.145 | 0.282 | 0.065 | 5484.975 |
| LTO | 2 | 0.964 | 1.257 | 0.131 | 0.010 | 3.305 | 0.698 | 51.731 |
| TOTAL | | 17.860 | 22.377 | 8.579 | 0.155 | 3.587 | 0.762 | 5536.706 |

| Construction Phase | Working Days | Emissions tons | | | | | | |
|--------------------|--------------|----------------|-------|-------|-------|-------|-------|--------|
| | | HC | CO | NOx | SOx | PM10 | PM2.5 | CO2 |
| P-07 | 20 | 0.179 | 0.224 | 0.086 | 0.002 | 0.036 | 0.008 | 55.367 |
| L-11 | 26 | 0.232 | 0.291 | 0.112 | 0.002 | 0.047 | 0.010 | 71.977 |

NOTES:

California Air Resources Board (ARB). 2012. Regulation for the Mandatory Reporting of Greenhouse Gas Emissions. Petroleum Fuels. Section 95115(c)(1)
 Ref: Swiss Confederation, DETEC and FOCA "Guidance on the Determination of Helicopter Emissions", 2015
 Engine DDA250-C18

Fugitive dust estimates from Emission Factor Source: Dr. J. A. Gillies et. al. December 31, 2007. Particulate Matter Emissions for Dust from Unique Military Activities.
 ARB's CEIDARS database PM2.5 fractions - construction dust category for fugitive and diesel vehicle exhaust category for combustion.

Table 35: Electrical Consumption Emission Factors

| Utility | Year | CO2 | CH4 | N2O | SF6 |
|---------|------|---------|-------|-------|-----|
| PG&E | 2028 | 203.983 | 0.033 | 0.004 | 0 |

Units in lbs/MWh

Table 36: Annual Electrical Consumption GHG Emissions

| Facility | Use (kW) | CO2 | CH4 | N2O | SF6 | CO2e |
|-------------------------|----------|-----------|-----------|-----------|-----|-----------|
| Collinsville Substation | 385400 | 35.659157 | 0.0057689 | 0.0006993 | 0 | 36.011758 |
| Collinsville (Modified) | 420440 | 38.901235 | 0.0062934 | 0.0007628 | 0 | 992.33287 |

Units in metric tons

Table 37: SF6 Emissions (metric tons/year)

| Substation | Feature | Quantity | SF6 (each) | Total Volume | Leak Rate | Annual Emissions | CO2e |
|--------------|-------------|----------|------------|--------------|-----------|------------------|-----------------|
| Collinsville | 230 kV CB | 6 | 135 | 810 | 0.1 | 0.00037 | 8.634133 |
| Collinsville | 230 kV Pipe | 1 | 8932 | 8932 | 0.1 | 0.00405 | 95.20997 |
| Collinsville | 500 kV CB | 6 | 595 | 3570 | 0.2 | 0.00324 | 76.10829 |
| Collinsville | 500 kV Pipe | 1 | 1597 | 1597 | 0.2 | 0.00145 | 34.0462 |
| Total | | | | 14909 | | 0.00911 | 213.9986 |

Table 38: SF6 Emissions (metric tons/year) Post Modification

| Substation | Feature | Quantity | SF6 (each) | Total Volume | Leak Rate | Annual Emissions | CO2e |
|--------------|-------------|----------|------------|--------------|-----------|------------------|-----------------|
| Collinsville | 230 kV CB | 15 | 135 | 2025 | 0.1 | 0.00092 | 21.58533 |
| Collinsville | 230 kV Pipe | 1 | 8932 | 8932 | 0.1 | 0.00405 | 95.20997 |
| Collinsville | 500 kV CB | 12 | 595 | 7140 | 0.2 | 0.00648 | 152.2166 |
| Collinsville | 500 kV Pipe | 1 | 1597 | 1597 | 0.2 | 0.00145 | 34.0462 |
| Total | | | | 19694 | | 0.01290 | 303.0581 |

Table 39: O&M Uncontrolled Annual Emissions (tons)

| Equipment Name | Fuel Type | Trips | Year | Trip Length | VMT | Paved Percent | Paved VMT | Unpaved VMT | On Type | ROG | NOX | CO | SO2 | PM10 | PM2.5 | CO2 | CH4 | N2O | CO2e | CO2e Metric Tons |
|------------------|-----------|-------|------|-------------|------|---------------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|---------|------------|------------------|
| 1-Ton Truck, 4x4 | Diesel | 60 | 2026 | 120 | 7200 | 95 | 6840 | 360 | passenger | 0.0012670 | 0.0068048 | 0.0075944 | 0.0000258 | 0.0011560 | 0.0010162 | 2.726548 | 5.88E-05 | 0.00043 | 2.85603071 | 2.59094822 |

Table 40: Total Uncontrolled Daily Emissions (pounds/day)

| Index | Name | ROG | NOX | CO | SO2 | PM10 Exh | PM10 Dust | PM10 Total | PM2.5 Exh | PM2.5 Dust | PM2.5 Total | CO2 | CH4 | N2O |
|-------|--|----------|----------|----------|----------|----------|-----------|------------|-----------|------------|-------------|----------|----------|----------|
| L-01 | Survey | 0.068258 | 0.111384 | 1.40536 | 0.0043 | 0.025351 | 12.12776 | 12.15311 | 0.008953 | 1.272999 | 1.281952 | 434.9112 | 0.007148 | 0.009827 |
| L-02 | Site Development/Staging Yards | 6.786826 | 60.73652 | 60.99464 | 0.204299 | 2.464983 | 115.1382 | 117.6032 | 2.116757 | 11.7922 | 13.90896 | 21687.3 | 0.732045 | 0.66819 |
| L-03 | Below-Grade Construction | 4.198197 | 34.88978 | 47.74942 | 0.149176 | 2.035125 | 115.3725 | 117.4076 | 1.633812 | 12.13319 | 13.767 | 15689.14 | 0.426181 | 0.674416 |
| L-04 | Above-Grade Construction | 3.140882 | 25.4656 | 26.48878 | 0.068425 | 1.474694 | 61.43265 | 62.90734 | 1.252636 | 6.563458 | 7.816094 | 6940.564 | 0.195511 | 0.191869 |
| P-05 | Foundation Installation | 3.401243 | 33.2745 | 32.35415 | 0.111426 | 1.569822 | 109.7681 | 111.3379 | 1.28419 | 14.65277 | 15.93696 | 11893.85 | 0.328848 | 0.614115 |
| P-06 | Structure Installation | 4.413004 | 27.95927 | 19.21589 | 0.148717 | 4.991112 | 54.33677 | 59.32788 | 2.899679 | 5.668959 | 8.568639 | 9413.058 | 0.194927 | 0.220593 |
| P-07 | Conductor Installation | 9.405479 | 58.39717 | 49.4951 | 0.148896 | 3.400139 | 85.05309 | 88.45323 | 2.502623 | 8.950688 | 11.45331 | 13661.47 | 0.404896 | 0.316045 |
| L-08 | Access Road Construction | 2.153176 | 20.90517 | 19.04959 | 0.056427 | 0.942454 | 56.38392 | 57.32638 | 0.793288 | 9.221966 | 10.01525 | 6005.364 | 0.175194 | 0.234011 |
| L-09 | Foundation Installation | 1.599905 | 15.2676 | 16.86144 | 0.074671 | 0.786069 | 83.62417 | 84.41024 | 0.579253 | 8.593459 | 9.172712 | 7938.641 | 0.184677 | 0.530498 |
| L-10 | Structure Installation | 2.016397 | 17.30479 | 15.42281 | 0.054197 | 0.805711 | 36.38328 | 37.18899 | 0.691367 | 3.818998 | 4.510366 | 5778.555 | 0.189332 | 0.141766 |
| L-11 | Conductor Installation | 10.97439 | 68.67069 | 62.77532 | 0.17508 | 3.778422 | 70.29031 | 74.06874 | 2.77764 | 7.458669 | 10.23631 | 15652.38 | 0.485013 | 0.297739 |
| L-12 | Transition Structure Foundation Installation | 7.193848 | 68.80456 | 76.9303 | 0.175144 | 1.876158 | 10.44536 | 12.32151 | 1.654262 | 1.292133 | 2.946396 | 15023.49 | 0.551914 | 0.211209 |
| L-13 | Transition Structure Installation | 5.865486 | 56.15609 | 65.41012 | 0.136203 | 1.463213 | 1.587688 | 3.050901 | 1.292266 | 0.396922 | 1.689188 | 11112.13 | 0.410524 | 0.11339 |
| L-14 | Submarine Cable Installation | 8.386943 | 74.83635 | 92.01735 | 0.180606 | 2.233249 | 1.98461 | 4.217858 | 1.987226 | 0.496152 | 2.483379 | 15343.08 | 0.572092 | 0.153525 |
| L-15 | Southern Transition Approach Construction | 4.455747 | 38.82051 | 34.15521 | 0.122793 | 2.033753 | 61.03572 | 63.06948 | 1.72035 | 6.464228 | 8.184578 | 12947.75 | 0.380014 | 0.497134 |
| L-16 | Substation Getaways | 3.464309 | 28.70316 | 28.3375 | 0.064226 | 1.78196 | 60.6388 | 62.42076 | 1.562265 | 6.364997 | 7.927262 | 6544.096 | 0.199545 | 0.177033 |
| P-17 | Distribution Extension to Substation | 2.344622 | 23.57442 | 22.01268 | 0.080091 | 1.245676 | 77.56029 | 78.80597 | 1.016797 | 7.956959 | 8.973756 | 8542.133 | 0.228066 | 0.464485 |
| L-18 | Fiber Extension to Substation | 2.379415 | 23.42385 | 21.69978 | 0.066068 | 1.348541 | 54.09862 | 55.44716 | 1.133521 | 5.609421 | 6.742941 | 7035.851 | 0.188264 | 0.365967 |
| P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | 1.428738 | 13.29759 | 15.52647 | 0.042826 | 0.627731 | 63.19444 | 63.82217 | 0.520639 | 6.56417 | 7.08481 | 4523.424 | 0.137237 | 0.128037 |
| L-20 | Commissioning and Testing | 2.144292 | 19.78824 | 23.80948 | 0.063046 | 0.771818 | 55.05123 | 55.82305 | 0.628085 | 5.847574 | 6.475659 | 6157.951 | 0.183927 | 0.147957 |
| L-21 | Cleanup and Restoration | 3.246901 | 30.65165 | 23.13907 | 0.064478 | 1.608841 | 79.05176 | 80.6606 | 1.433004 | 11.37104 | 12.80405 | 6936.503 | 0.232357 | 0.247382 |

Table 41: Total Controlled Daily Emissions (pounds)

| Index | Name | ROG | NOX | CO | SO2 | PM10 Exh | PM10 Dust | PM10 Total | PM2.5 Exh | PM2.5 Dust | PM2.5 Total | CO2 | CH4 | N2O |
|-------|--|----------|----------|----------|----------|----------|-----------|------------|-----------|------------|-------------|----------|----------|----------|
| L-01 | Survey | 0.068258 | 0.111384 | 1.40536 | 0.0043 | 0.025351 | 3.368928 | 3.394279 | 0.008953 | 0.398979 | 0.407931 | 434.9112 | 0.007148 | 0.009827 |
| L-02 | Site Development/Staging Yards | 2.377878 | 17.07136 | 96.5159 | 0.204299 | 0.80358 | 30.71631 | 31.51989 | 0.613479 | 3.358036 | 3.971515 | 21687.3 | 0.732045 | 0.66819 |
| L-03 | Below-Grade Construction | 2.774466 | 21.59975 | 64.044 | 0.149176 | 1.526877 | 32.16358 | 33.69046 | 1.176773 | 3.829992 | 5.006764 | 15689.14 | 0.426181 | 0.674416 |
| L-04 | Above-Grade Construction | 2.332636 | 16.58015 | 31.4171 | 0.068425 | 1.098842 | 17.63848 | 18.73733 | 0.910539 | 2.193355 | 3.103895 | 6940.564 | 0.195511 | 0.191869 |
| P-05 | Foundation Installation | 1.187591 | 9.699288 | 44.66131 | 0.111426 | 0.624993 | 30.32185 | 30.94684 | 0.425574 | 4.655892 | 5.081467 | 11893.85 | 0.328848 | 0.614115 |
| P-06 | Structure Installation | 3.01921 | 13.70844 | 28.51734 | 0.148717 | 4.403213 | 14.92202 | 19.32524 | 2.365124 | 1.735867 | 4.100991 | 9413.058 | 0.194927 | 0.220593 |
| P-07 | Conductor Installation | 4.980091 | 8.407419 | 57.06444 | 0.148896 | 1.240041 | 23.74126 | 24.9813 | 0.528533 | 2.832545 | 3.361078 | 13661.47 | 0.404896 | 0.316045 |
| L-08 | Access Road Construction | 0.662729 | 4.69803 | 23.22934 | 0.056427 | 0.285451 | 16.35244 | 16.63789 | 0.194093 | 3.158179 | 3.352271 | 6005.364 | 0.175194 | 0.234011 |
| L-09 | Foundation Installation | 0.770806 | 7.485281 | 25.68246 | 0.074671 | 0.483125 | 22.31234 | 22.79547 | 0.306037 | 2.475315 | 2.781352 | 7938.641 | 0.184677 | 0.530498 |
| L-10 | Structure Installation | 0.622603 | 3.053954 | 24.72425 | 0.054197 | 0.217813 | 10.10678 | 10.3246 | 0.156812 | 1.196937 | 1.353749 | 5778.555 | 0.189332 | 0.141766 |
| L-11 | Conductor Installation | 5.65627 | 9.240715 | 71.09776 | 0.17508 | 1.33 | 19.92703 | 21.25703 | 0.541253 | 2.433051 | 2.974304 | 15652.38 | 0.485013 | 0.297739 |
| L-12 | Transition Structure Foundation Installation | 1.64906 | 34.2796 | 69.00616 | 0.175144 | 0.539319 | 3.876231 | 4.415549 | 0.452826 | 0.636618 | 1.089444 | 15023.49 | 0.551914 | 0.211209 |
| L-13 | Transition Structure Installation | 1.270556 | 31.66323 | 52.22581 | 0.136203 | 0.428845 | 1.587688 | 2.016533 | 0.364014 | 0.396922 | 0.760936 | 11112.13 | 0.410524 | 0.11339 |
| L-14 | Submarine Cable Installation | 2.355714 | 14.07168 | 79.74767 | 0.180606 | 0.53732 | 1.98461 | 2.52193 | 0.444244 | 0.496152 | 0.940396 | 15343.08 | 0.572092 | 0.153525 |
| L-15 | Southern Transition Approach Construction | 2.687059 | 20.45694 | 52.71134 | 0.122793 | 1.335634 | 17.24156 | 18.5772 | 1.08948 | 2.094125 | 3.183605 | 12947.75 | 0.380014 | 0.497134 |
| L-16 | Substation Getaways | 2.796652 | 21.4005 | 32.48064 | 0.064226 | 1.472524 | 16.84464 | 18.31716 | 1.280709 | 1.994895 | 3.275604 | 6544.096 | 0.199545 | 0.177033 |
| P-17 | Distribution Extension to Substation | 1.196433 | 10.7035 | 31.67246 | 0.080091 | 0.724124 | 20.62788 | 21.352 | 0.543313 | 2.275825 | 2.819138 | 8542.133 | 0.228066 | 0.464485 |
| L-18 | Fiber Extension to Substation | 1.449327 | 12.99528 | 27.41014 | 0.066068 | 0.913035 | 14.68387 | 15.5969 | 0.736938 | 1.676328 | 2.413266 | 7035.851 | 0.188264 | 0.365967 |
| P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | 0.75707 | 5.833732 | 19.21958 | 0.042826 | 0.311624 | 17.21056 | 17.52219 | 0.232562 | 1.975563 | 2.208124 | 4523.424 | 0.137237 | 0.128037 |
| L-20 | Commissioning and Testing | 0.866561 | 5.665803 | 27.30915 | 0.063046 | 0.316533 | 15.63648 | 15.95301 | 0.213555 | 1.914482 | 2.128037 | 6157.951 | 0.183927 | 0.147957 |
| L-21 | Cleanup and Restoration | 1.374383 | 10.24393 | 30.49004 | 0.064478 | 0.813417 | 21.50261 | 22.31602 | 0.708268 | 3.559215 | 4.267482 | 6936.503 | 0.232357 | 0.247382 |

Table 42: Total Uncontrolled Annual Emissions (tons)

| Index | Name | ROG | NOX | CO | SO2 | PM10 Exh | PM10 Dust | PM10 Tot | PM2.5 Exh | PM2.5 Dus | PM2.5 Tot | CO2 | CH4 | N2O |
|-------|--|----------|----------|----------|----------|----------|-----------|----------|-----------|-----------|-----------|----------|----------|----------|
| L-01 | Survey | 0 | 0 | 0 | 0 | 0.00033 | 0.157661 | 0.15799 | 0.000116 | 0.016549 | 0.016665 | 0 | 0 | 0 |
| L-02 | Site Development/Staging Yards | 0.242503 | 2.121643 | 2.098085 | 0.00617 | 0.093669 | 4.37525 | 4.46892 | 0.080437 | 0.448104 | 0.52854 | 657.8902 | 0.026687 | 0.005337 |
| L-03 | Below-Grade Construction | 0.263406 | 2.218739 | 2.636268 | 0.006329 | 0.154669 | 8.76831 | 8.922979 | 0.12417 | 0.922122 | 1.046292 | 675.1147 | 0.027386 | 0.005477 |
| L-04 | Above-Grade Construction | 0.436709 | 3.955878 | 2.862178 | 0.005982 | 0.245537 | 10.22854 | 10.47407 | 0.208564 | 1.092816 | 1.30138 | 603.7149 | 0.024489 | 0.004898 |
| P-05 | Foundation Installation | 0.059173 | 0.562401 | 0.527029 | 0.001353 | 0.031396 | 2.195362 | 2.226758 | 0.025684 | 0.293055 | 0.318739 | 146.4829 | 0.005942 | 0.001188 |
| P-06 | Structure Installation | 0.10889 | 0.56076 | 0.22924 | 0.003803 | 0.168913 | 0.570536 | 0.739449 | 0.091801 | 0.059524 | 0.151325 | 157.0669 | 0.001772 | 0.000354 |
| P-07 | Conductor Installation | 0.231105 | 0.628591 | 0.577114 | 0.002354 | 0.062695 | 0.850531 | 0.913226 | 0.031126 | 0.089507 | 0.120632 | 142.4998 | 0.003534 | 0.000707 |
| L-08 | Access Road Construction | 0.015193 | 0.152027 | 0.118652 | 0.000279 | 0.00754 | 0.451071 | 0.458611 | 0.006346 | 0.073776 | 0.080122 | 30.26299 | 0.001228 | 0.000246 |
| L-09 | Foundation Installation | 0.013785 | 0.117241 | 0.13197 | 0.0004 | 0.008647 | 0.919866 | 0.928513 | 0.006372 | 0.094528 | 0.1009 | 43.28431 | 0.001756 | 0.000351 |
| L-10 | Structure Installation | 0.021459 | 0.195624 | 0.138307 | 0.000461 | 0.009669 | 0.436599 | 0.446268 | 0.008296 | 0.045828 | 0.054124 | 49.93233 | 0.002025 | 0.000405 |
| L-11 | Conductor Installation | 0.314447 | 0.952398 | 0.918439 | 0.003365 | 0.084986 | 0.913774 | 0.99876 | 0.043734 | 0.096963 | 0.140696 | 211.7943 | 0.005672 | 0.001134 |
| L-12 | Transition Structure Foundation Installation | 0.520751 | 5.083645 | 5.365263 | 0.011613 | 0.140712 | 0.783402 | 0.924113 | 0.12407 | 0.09691 | 0.22098 | 971.3408 | 0.039402 | 0.00788 |
| L-13 | Transition Structure Installation | 0.070367 | 0.696773 | 0.752298 | 0.001501 | 0.01829 | 0.019846 | 0.038136 | 0.016153 | 0.004962 | 0.021115 | 118.526 | 0.004808 | 0.000962 |
| L-14 | Submarine Cable Installation | 0.594745 | 5.462412 | 6.283108 | 0.011794 | 0.164144 | 0.145869 | 0.310013 | 0.146061 | 0.036467 | 0.182528 | 977.9562 | 0.03967 | 0.007934 |
| L-15 | Southern Transition Approach Construction | 0.281681 | 2.435481 | 1.850495 | 0.005495 | 0.140329 | 4.211465 | 4.351794 | 0.118704 | 0.446032 | 0.564736 | 585.1755 | 0.023737 | 0.004747 |
| L-16 | Substation Getaways | 0.107253 | 0.95213 | 0.757825 | 0.001392 | 0.062369 | 2.122358 | 2.184727 | 0.054679 | 0.222775 | 0.277454 | 141.5564 | 0.005742 | 0.001148 |
| P-17 | Distribution Extension to Substation | 0.051962 | 0.498589 | 0.447362 | 0.001192 | 0.031765 | 1.977787 | 2.009552 | 0.025928 | 0.202902 | 0.228831 | 129.0948 | 0.005237 | 0.001047 |
| L-18 | Fiber Extension to Substation | 0.107415 | 1.038047 | 0.887964 | 0.001942 | 0.06945 | 2.786079 | 2.855529 | 0.058376 | 0.288885 | 0.347261 | 210.3333 | 0.008532 | 0.001706 |
| P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | 0.052923 | 0.605378 | 0.501622 | 0.00123 | 0.032014 | 3.222916 | 3.254931 | 0.026553 | 0.334773 | 0.361325 | 133.1405 | 0.005401 | 0.00108 |
| L-20 | Commissioning and Testing | 0.148047 | 1.602329 | 1.401636 | 0.003247 | 0.067148 | 4.789457 | 4.856605 | 0.054643 | 0.508739 | 0.563382 | 307.7211 | 0.012483 | 0.002497 |
| L-21 | Cleanup and Restoration | 0.214006 | 2.006716 | 1.495136 | 0.00353 | 0.112619 | 5.533623 | 5.646242 | 0.10031 | 0.795973 | 0.896283 | 382.3369 | 0.015509 | 0.003102 |

Table 43: Total Controlled Annual Emissions (tons)

| Index | Name | ROG | NOX | CO | SO2 | PM10 Exh | PM10 Dust | PM10 Tot | PM2.5 Exh | PM2.5 Dus | PM2.5 Tot | CO2 | CH4 | N2O |
|-------|--|----------|----------|----------|----------|----------|-----------|----------|-----------|-----------|-----------|----------|----------|----------|
| L-01 | Survey | 0 | 0 | 0 | 0 | 0.00033 | 0.043796 | 0.044126 | 0.000116 | 0.005187 | 0.005303 | 0 | 0 | 0 |
| L-02 | Site Development/Staging Yards | 0.074963 | 0.462367 | 3.447893 | 0.00617 | 0.030536 | 1.16722 | 1.197756 | 0.023312 | 0.127605 | 0.150918 | 657.8902 | 0.026687 | 0.005337 |
| L-03 | Below-Grade Construction | 0.155202 | 1.208697 | 3.874657 | 0.006329 | 0.116043 | 2.444432 | 2.560475 | 0.089435 | 0.291079 | 0.380514 | 675.1147 | 0.027386 | 0.005477 |
| L-04 | Above-Grade Construction | 0.302136 | 2.47645 | 3.682743 | 0.005982 | 0.182957 | 2.936807 | 3.119765 | 0.151605 | 0.365194 | 0.516798 | 603.7149 | 0.024489 | 0.004898 |
| P-05 | Foundation Installation | 0.0149 | 0.090897 | 0.773172 | 0.001353 | 0.0125 | 0.606437 | 0.618937 | 0.008511 | 0.093118 | 0.101629 | 146.4829 | 0.005942 | 0.001188 |
| P-06 | Structure Installation | 0.094255 | 0.411126 | 0.326905 | 0.003803 | 0.16274 | 0.156681 | 0.319422 | 0.086188 | 0.018227 | 0.104415 | 157.0669 | 0.001772 | 0.000354 |
| P-07 | Conductor Installation | 0.186851 | 0.128693 | 0.652807 | 0.002354 | 0.041094 | 0.237413 | 0.278506 | 0.011385 | 0.028325 | 0.03971 | 142.4998 | 0.003534 | 0.000707 |
| L-08 | Access Road Construction | 0.00327 | 0.022369 | 0.15209 | 0.000279 | 0.002284 | 0.13082 | 0.133103 | 0.001553 | 0.025265 | 0.026818 | 30.26299 | 0.001228 | 0.000246 |
| L-09 | Foundation Installation | 0.004665 | 0.031636 | 0.229001 | 0.0004 | 0.005314 | 0.245436 | 0.25075 | 0.003366 | 0.027228 | 0.030595 | 43.28431 | 0.001756 | 0.000351 |
| L-10 | Structure Installation | 0.004733 | 0.024614 | 0.249924 | 0.000461 | 0.002614 | 0.121281 | 0.123895 | 0.001882 | 0.014363 | 0.016245 | 49.93233 | 0.002025 | 0.000405 |
| L-11 | Conductor Installation | 0.245312 | 0.179808 | 1.026631 | 0.003365 | 0.053157 | 0.259051 | 0.312208 | 0.014661 | 0.03163 | 0.04629 | 211.7943 | 0.005672 | 0.001134 |
| L-12 | Transition Structure Foundation Installation | 0.104892 | 2.494273 | 4.770953 | 0.011613 | 0.040449 | 0.290717 | 0.331166 | 0.033962 | 0.047746 | 0.081708 | 971.3408 | 0.039402 | 0.00788 |
| L-13 | Transition Structure Installation | 0.01293 | 0.390612 | 0.587494 | 0.001501 | 0.005361 | 0.019846 | 0.025207 | 0.00455 | 0.004962 | 0.009512 | 118.526 | 0.004808 | 0.000962 |
| L-14 | Submarine Cable Installation | 0.15145 | 0.996209 | 5.381287 | 0.011794 | 0.039493 | 0.145869 | 0.185362 | 0.032652 | 0.036467 | 0.069119 | 977.9562 | 0.03967 | 0.007934 |
| L-15 | Southern Transition Approach Construction | 0.159642 | 1.168395 | 3.130868 | 0.005495 | 0.092159 | 1.189668 | 1.281826 | 0.075174 | 0.144495 | 0.219669 | 585.1755 | 0.023737 | 0.004747 |
| L-16 | Substation Getaways | 0.083885 | 0.696537 | 0.902835 | 0.001392 | 0.051538 | 0.589562 | 0.641101 | 0.044825 | 0.069821 | 0.114646 | 141.5564 | 0.005742 | 0.001148 |
| P-17 | Distribution Extension to Substation | 0.022684 | 0.17038 | 0.693686 | 0.001192 | 0.018465 | 0.526011 | 0.544476 | 0.013854 | 0.058034 | 0.071888 | 129.0948 | 0.005237 | 0.001047 |
| L-18 | Fiber Extension to Substation | 0.059516 | 0.500976 | 1.182047 | 0.001942 | 0.047021 | 0.756219 | 0.803241 | 0.037952 | 0.086331 | 0.124283 | 210.3333 | 0.008532 | 0.001706 |
| P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | 0.018668 | 0.224722 | 0.689971 | 0.00123 | 0.015893 | 0.877739 | 0.893632 | 0.011861 | 0.100754 | 0.112614 | 133.1405 | 0.005401 | 0.00108 |
| L-20 | Commissioning and Testing | 0.036884 | 0.373677 | 1.706107 | 0.003247 | 0.027538 | 1.360374 | 1.387912 | 0.018579 | 0.16656 | 0.185139 | 307.7211 | 0.012483 | 0.002497 |
| L-21 | Cleanup and Restoration | 0.082929 | 0.578176 | 2.009704 | 0.00353 | 0.056939 | 1.505182 | 1.562122 | 0.049579 | 0.249145 | 0.298724 | 382.3369 | 0.015509 | 0.003102 |

Table 44: Activity Distribution by Year and District

| Type | Count | Index | Name | Start Date | End Date | Schedule Days | Pct 2026 | Pct 2027 | Pct 2028 | PCT BAAQMD | PCT SMAQMD |
|-------|-------|-------|--|------------|------------|---------------|----------|----------|----------|------------|------------|
| LSPGC | 1 | L-01 | Survey | 5/1/2026 | 6/1/2026 | 26 | 1.00 | 0.00 | 0.00 | 1.0 | 0.0 |
| LSPGC | 2 | L-02 | Site Development/Staging Yards | 5/1/2026 | 8/1/2026 | 76 | 1.00 | 0.00 | 0.00 | 1.0 | 0.0 |
| LSPGC | 3 | L-03 | Below-Grade Construction | 7/14/2026 | 1/14/2027 | 152 | 0.93 | 0.07 | 0.00 | 1.0 | 0.0 |
| LSPGC | 4 | L-04 | Above-Grade Construction | 1/2/2027 | 2/11/2028 | 333 | 0.00 | 0.90 | 0.10 | 1.0 | 0.0 |
| PG&E | 5 | P-05 | Foundation Installation | 6/1/2027 | 7/28/2027 | 48 | 0.00 | 1.00 | 0.00 | 1.0 | 0.0 |
| PG&E | 6 | P-06 | Structure Installation | 7/29/2027 | 8/21/2027 | 21 | 0.00 | 1.00 | 0.00 | 1.0 | 0.0 |
| PG&E | 7 | P-07 | Conductor Installation | 8/22/2027 | 9/15/2027 | 20 | 0.00 | 1.00 | 0.00 | 1.0 | 0.0 |
| LSPGC | 8 | L-08 | Access Road Construction | 5/1/2026 | 5/19/2026 | 16 | 1.00 | 0.00 | 0.00 | 1.0 | 0.0 |
| LSPGC | 9 | L-09 | Foundation Installation | 5/20/2027 | 6/15/2027 | 22 | 0.00 | 1.00 | 0.00 | 1.0 | 0.0 |
| LSPGC | 10 | L-10 | Structure Installation | 6/16/2027 | 7/15/2027 | 24 | 0.00 | 1.00 | 0.00 | 1.0 | 0.0 |
| LSPGC | 11 | L-11 | Conductor Installation | 7/16/2027 | 8/15/2027 | 26 | 0.00 | 1.00 | 0.00 | 1.0 | 0.0 |
| LSPGC | 12 | L-12 | Transition Structure Foundation Installation | 6/15/2026 | 12/15/2026 | 150 | 1.00 | 0.00 | 0.00 | 1.0 | 0.0 |
| LSPGC | 13 | L-13 | Transition Structure Installation | 6/15/2027 | 7/15/2027 | 25 | 0.00 | 1.00 | 0.00 | 1.0 | 0.0 |
| LSPGC | 14 | L-14 | Submarine Cable Installation | 6/20/2027 | 12/15/2027 | 147 | 0.00 | 1.00 | 0.00 | 0.7 | 0.3 |
| LSPGC | 15 | L-15 | Southern Transition Approach Construction | 6/15/2027 | 11/30/2027 | 138 | 0.00 | 1.00 | 0.00 | 1.0 | 0.0 |
| LSPGC | 16 | L-16 | Substation Getaways | 6/1/2027 | 8/23/2027 | 70 | 0.00 | 1.00 | 0.00 | 1.0 | 0.0 |
| PG&E | 17 | P-17 | Distribution Extension to Substation | 6/1/2026 | 8/1/2026 | 51 | 1.00 | 0.00 | 0.00 | 1.0 | 0.0 |
| LSPGC | 18 | L-18 | Fiber Extension to Substation | 6/1/2027 | 10/1/2027 | 103 | 0.00 | 1.00 | 0.00 | 1.0 | 0.0 |
| PG&E | 19 | P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | 6/1/2026 | 10/1/2026 | 102 | 1.00 | 0.00 | 0.00 | 1.0 | 0.0 |
| LSPGC | 20 | L-20 | Commissioning and Testing | 11/1/2027 | 6/1/2028 | 174 | 0.00 | 0.27 | 0.73 | 1.0 | 0.0 |
| LSPGC | 21 | L-21 | Cleanup and Restoration | 2/1/2028 | 7/17/2028 | 140 | 0.00 | 0.00 | 1.00 | 1.0 | 0.0 |

Table 47: Annual GHG Emissions - BAAQMD (metric tons/year)

| Phase | CO2 | CH4 | N2O | SF6 | CO2e |
|--------------|------------|------------|------------|------------|-------------|
| Construction | 5789.51 | 0.23 | 0.05 | 0.00 | 5808.62 |
| O&M | 2.47 | 0.00 | 0.00 | 0.00 | 2.59 |
| Electricity | 35.66 | 0.01 | 0.00 | 0.00 | 36.01 |
| SF6 Loss | 0.00 | 0.00 | 0.00 | 0.01 | 214.00 |
| O&M Total | 38.13 | 0.01 | 0.00 | 0.01 | 252.60 |

Table 48: Annual GHG Emissions - SMAQMD (metric tons/year)

| Phase | CO2 | CH4 | N2O | SF6 | CO2e |
|--------------|------------|------------|------------|------------|-------------|
| Construction | 266.16 | 0.01 | 0.00 | 0.00 | 267.07 |
| O&M | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Electricity | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SF6 Loss | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Combined | 8.87 | 0.00 | 0.00 | 0.00 | 8.90 |

Table 49: Equipment List and Trip Requirements

| Equip Index | Activity Index | Activity Name | Equipment Name | HP | Fuel Type | Quantity | Days Used | Hours Per Day | EquipConcat | On-Off | Grading | Off Count | On Count | Grading Count | On Type | CallEModType | On Distance per Trip (miles) | Trips Per Day | Daily VMT | Total VMT | Total Trips per day | Automobile Type |
|-------------|--------------------------------|---------------|------------------------------------|------|-----------|----------|-----------|---------------|------------------------------------|------------|------------|-----------|----------|---------------|-----------|------------------------------|------------------------------|---------------|-----------|-----------|---------------------|-----------------|
| 1-L01 | Survey | | Pickup - 1/2 Ton | 395 | Gasoline | 2 | 26 | 4 | Pickup - 1/2 Ton_395 | on | | | | 1 | passenger | | 40 | 2 | 160 | 4160 | 4 | Automobile |
| 2-L02 | Site Development/Staging Yards | | Truck - Water 4 K | 300 | Diesel | 4 | 76 | 10 | Truck - Water 4 K_300 | on | | | | 2 | vendor | | 40 | 2 | 320 | 24320 | 8 | Const Vehicle |
| 3-L02 | Site Development/Staging Yards | | Loader - 4.5 Yd | 230 | Diesel | 2 | 76 | 10 | Loader - 4.5 Yd_230 | off | | | 1 | | | Rubber Tired Loaders | | | | | | |
| 4-L02 | Site Development/Staging Yards | | Truck - Dump 10-12 Yd | 415 | Diesel | 5 | 76 | 10 | Truck - Dump 10-12 Yd_415 | on | | | 3 | 1 | hhdt | | 40 | 4 | 800 | 60800 | 20 | Const Vehicle |
| 5-L02 | Site Development/Staging Yards | | Motor Grader | 250 | Diesel | 2 | 76 | 10 | Motor Grader_250 | off | grading | | 2 | | | Graders | | | | | | |
| 6-L02 | Site Development/Staging Yards | | Scraper | 410 | Diesel | 4 | 76 | 10 | Scraper_410 | off | grading | | 3 | 2 | | Scrapers | | | | | | |
| 7-L02 | Site Development/Staging Yards | | Vibratory Roller | 157 | Diesel | 2 | 76 | 10 | Vibratory Roller_157 | off | | | 4 | | | Rollers | | | | | | |
| 8-L02 | Site Development/Staging Yards | | Pickup - 1/2 Ton | 395 | Gasoline | 4 | 76 | 4 | Pickup - 1/2 Ton_395 | on | | | 4 | | passenger | | 40 | 2 | 320 | 24320 | 8 | Automobile |
| 9-L02 | Site Development/Staging Yards | | Generator - 25 Kw | 36 | Diesel | 2 | 76 | 10 | Generator - 25 Kw_36 | off | | | 5 | | | Generator Sets | | | | | | |
| 10-L02 | Site Development/Staging Yards | | Forklift - 15,000 lb | 130 | Diesel | 1 | 4 | 5 | Forklift - 15,000 lb_130 | off | | | 6 | | | Forklifts | | | | | | |
| 11-L02 | Site Development/Staging Yards | | Pickup - 1 Ton | 410 | Diesel | 4 | 76 | 4 | Pickup - 1 Ton_410 | on | | | 5 | | passenger | | 40 | 2 | 320 | 24320 | 8 | Automobile |
| 12-L02 | Site Development/Staging Yards | | 844 Loader | 417 | Diesel | 1 | 76 | 6 | 844 Loader_417 | off | | | 7 | | | Rubber Tired Loaders | | | | | | |
| 13-L02 | Site Development/Staging Yards | | Semi Truck | 500 | Diesel | 2 | 76 | 6 | Semi Truck_500 | on | | | 6 | | hhdt | | 40 | 2 | 160 | 12160 | 4 | Const Vehicle |
| 14-L03 | Below-Grade Construction | | Truck - Water 4 K | 300 | Diesel | 2 | 152 | 10 | Truck - Water 4 K_300 | on | | | | 7 | vendor | | 40 | 2 | 160 | 24320 | 4 | Const Vehicle |
| 15-L03 | Below-Grade Construction | | Excavator | 108 | Diesel | 2 | 152 | 10 | Excavator_108 | off | | | 8 | | | Excavators | | | | | | |
| 16-L03 | Below-Grade Construction | | Forklift - 15 K Reach | 130 | Diesel | 3 | 152 | 8 | Forklift - 15 K Reach_130 | off | | | 9 | | | Forklifts | | | | | | |
| 17-L03 | Below-Grade Construction | | Backhoe - 2X4 | 68 | Diesel | 2 | 152 | 6 | Backhoe - 2X4_68 | off | | | 10 | | | Excavators | | | | | | |
| 18-L03 | Below-Grade Construction | | Pickup - 1/2 Ton | 395 | Gasoline | 4 | 152 | 2 | Pickup - 1/2 Ton_395 | on | | | 8 | | passenger | | 40 | 2 | 320 | 48640 | 8 | Automobile |
| 19-L03 | Below-Grade Construction | | Pickup - 1 Ton | 410 | Diesel | 4 | 152 | 2 | Pickup - 1 Ton_410 | on | | | 9 | | passenger | | 40 | 2 | 320 | 48640 | 8 | Automobile |
| 20-L03 | Below-Grade Construction | | Excavator - Mini_70 | 70 | Diesel | 1 | 152 | 5 | Excavator - Mini_70 | off | | | 11 | | | Excavators | | | | | | |
| 21-L03 | Below-Grade Construction | | Generator - 25 Kw | 36 | Diesel | 1 | 152 | 10 | Generator - 25 Kw_36 | off | | | 12 | | | Generator Sets | | | | | | |
| 22-L03 | Below-Grade Construction | | Truck - Concrete | 425 | Diesel | 4 | 152 | 5 | Truck - Concrete_425 | on | | | 13 | 10 | hhdt | | 60 | 2 | 480 | 72960 | 8 | Const Vehicle |
| 23-L03 | Below-Grade Construction | | Loader - 4.5 Yd | 230 | Diesel | 2 | 152 | 10 | Loader - 4.5 Yd_230 | off | | | 14 | | | Rubber Tired Loaders | | | | | | |
| 24-L03 | Below-Grade Construction | | Pressure Digger - Lo-Drill (Track) | 275 | Diesel | 1 | 152 | 8 | Pressure Digger - Lo-Drill (Track) | off | | | 15 | | | Bore/Drill Rigs | | | | | | |
| 25-L03 | Below-Grade Construction | | Excavator | 275 | Diesel | 1 | 152 | 10 | Excavator_275 | off | | | 14 | | | Excavators | | | | | | |
| 26-L03 | Below-Grade Construction | | Truck - Dump 10-12 Yd | 415 | Diesel | 3 | 152 | 5 | Truck - Dump 10-12 Yd_415 | on | | | 11 | | hhdt | | 40 | 4 | 480 | 72960 | 12 | Const Vehicle |
| 27-L03 | Below-Grade Construction | | Tool - Van/Conex 20' | 0 | NA | 6 | 152 | 10 | Tool - Van/Conex 20'_0 | NA | | | | | | | | | | | | |
| 28-L03 | Below-Grade Construction | | Trencher | 75 | Diesel | 2 | 152 | 5 | Trencher_75 | off | | | 16 | | | Trenchers | | | | | | |
| 29-L03 | Below-Grade Construction | | Skid steer loader | 74 | Diesel | 2 | 152 | 10 | Skid steer loader_74 | off | | | 17 | | | Skid Steer Loaders | | | | | | |
| 30-L03 | Below-Grade Construction | | Wire Traller/ Tensioner | 175 | Diesel | 1 | 152 | 5 | Wire Traller/ Tensioner_175 | off | | | 18 | | | Other Construction Equipment | | | | | | |
| 31-L03 | Below-Grade Construction | | Wire Puller | 175 | Diesel | 1 | 152 | 5 | Wire Puller_175 | off | | | 19 | | | Other Construction Equipment | | | | | | |
| 32-L04 | Above-Grade Construction | | Wire Traller/ Tensioner | 175 | Diesel | 1 | 333 | 5 | Wire Traller/ Tensioner_175 | off | | | 21 | | | Other Construction Equipment | | | | | | |
| 33-L04 | Above-Grade Construction | | Wire Puller | 175 | Diesel | 1 | 333 | 5 | Wire Puller_175 | off | | | 21 | | | Other Construction Equipment | | | | | | |
| 34-L04 | Above-Grade Construction | | Crane - 200 Ton | 275 | Diesel | 1 | 333 | 4 | Crane - 200 Ton_275 | off | | | 22 | | | Cranes | | | | | | |
| 35-L04 | Above-Grade Construction | | Pickup - 1/2 Ton | 395 | Gasoline | 4 | 333 | 2 | Pickup - 1/2 Ton_395 | on | | | 12 | | passenger | | 40 | 2 | 320 | 106560 | 8 | Automobile |
| 36-L04 | Above-Grade Construction | | Pickup - 1 Ton | 410 | Diesel | 4 | 333 | 2 | Pickup - 1 Ton_410 | on | | | 13 | | passenger | | 40 | 2 | 320 | 106560 | 8 | Automobile |
| 37-L04 | Above-Grade Construction | | Welding Truck | 395 | Gasoline | 2 | 333 | 3 | Welding Truck_395 | off | | | 14 | | vendor | | 40 | 2 | 160 | 53280 | 4 | Const Vehicle |
| 38-L04 | Above-Grade Construction | | Generator - 25 Kw | 36 | Diesel | 2 | 333 | 10 | Generator - 25 Kw_36 | off | | | 23 | | | Generator Sets | | | | | | |
| 39-L04 | Above-Grade Construction | | Crane - 35 Ton (Manlift) | 250 | Diesel | 2 | 333 | 5 | Crane - 35 Ton (Manlift)_250 | off | | | 24 | | | Cranes | | | | | | |
| 40-L04 | Above-Grade Construction | | Forklift - 10 K Reach | 130 | Diesel | 2 | 333 | 4 | Forklift - 10 K Reach_130 | off | | | 25 | | | Forklifts | | | | | | |
| 41-L04 | Above-Grade Construction | | Forklift - 15,000 lb | 130 | Diesel | 1 | 333 | 4 | Forklift - 15,000 lb_130 | off | | | 26 | | | Forklifts | | | | | | |
| 42-L04 | Above-Grade Construction | | Loader - 4.5 Yd | 230 | Diesel | 2 | 333 | 5 | Loader - 4.5 Yd_230 | off | | | 27 | | | Rubber Tired Loaders | | | | | | |
| 43-L04 | Above-Grade Construction | | 120' Manlift | 333 | Diesel | 1 | 333 | 4 | 120' Manlift_333 | off | | | 28 | | | Aerial Lifts | | | | | | |
| 44-P05 | Foundation Installation | | Pressure Digger - Lo-Drill (Track) | 275 | Diesel | 1 | 40 | 8 | Pressure Digger - Lo-Drill (Track) | off | | | 29 | | | Bore/Drill Rigs | | | | | | |
| 45-P05 | Foundation Installation | | Truck - Concrete | 425 | Diesel | 4 | 40 | 5 | Truck - Concrete_425 | on | | | 15 | | hhdt | | 60 | 2 | 480 | 19200 | 8 | Const Vehicle |
| 46-P05 | Foundation Installation | | Pickup - 1 Ton | 410 | Diesel | 4 | 40 | 2 | Pickup - 1 Ton_410 | on | | | 16 | | passenger | | 60 | 2 | 480 | 19200 | 8 | Automobile |
| 47-P05 | Foundation Installation | | Truck - Water 4 K | 300 | Diesel | 2 | 40 | 6 | Truck - Water 4 K_300 | on | | | 17 | | vendor | | 60 | 2 | 240 | 9600 | 4 | Const Vehicle |
| 48-P05 | Foundation Installation | | Truck - Dump 10-12 Yd | 415 | Diesel | 4 | 40 | 10 | Truck - Dump 10-12 Yd_415 | on | | | 18 | | hhdt | | 40 | 2 | 160 | 6400 | 4 | Const Vehicle |
| 49-P05 | Foundation Installation | | Skid steer loader | 74 | Diesel | 2 | 40 | 10 | Skid steer loader_74 | off | | | 30 | | | Skid Steer Loaders | | | | | | |
| 50-P05 | Foundation Installation | | Forklift - 10 K Reach | 130 | Diesel | 2 | 40 | 8 | Forklift - 10 K Reach_130 | off | | | 31 | | | Forklifts | | | | | | |
| 51-P05 | Foundation Installation | | Crane - 35 Ton (Manlift) | 250 | Diesel | 1 | 40 | 4 | Crane - 35 Ton (Manlift)_250 | off | | | 32 | | | Cranes | | | | | | |
| 52-P05 | Foundation Installation | | Loader - 4.5 Yd | 230 | Diesel | 1 | 40 | 8 | Loader - 4.5 Yd_230 | off | | | 33 | | | Rubber Tired Loaders | | | | | | |
| 53-P05 | Foundation Installation | | Rough Terrain Crane | 185 | Diesel | 1 | 40 | 2 | Rough Terrain Crane_185 | off | | | 34 | | | Cranes | | | | | | |
| 54-P05 | Foundation Installation | | Motor Grader | 250 | Diesel | 4 | 40 | 10 | Motor Grader_250 | off | grading | | 35 | 3 | | Graders | | | | | | |
| 55-P05 | Foundation Installation | | D6 Type Dozer | 250 | Diesel | 1 | 40 | 10 | D6 Type Dozer_250 | off | bulldozing | | 36 | 4 | | Rubber Tired Dozers | | | | | | |
| 56-P05 | Foundation Installation | | Excavator | 250 | Diesel | 1 | 40 | 10 | Excavator_250 | off | | | 37 | | | Excavators | | | | | | |
| 57-P05 | Foundation Installation | | Vibratory Roller | 125 | Diesel | 1 | 40 | 10 | Vibratory Roller_125 | off | | | 38 | | | Rollers | | | | | | |
| 58-P06 | Structure Installation | | Crane - 35 Ton (Manlift) | 250 | Diesel | 2 | 48 | 10 | Crane - 35 Ton (Manlift)_250 | off | | | 39 | | | Cranes | | | | | | |
| 59-P06 | Structure Installation | | Helicopter - Heavy Duty | 3200 | Jet | 1 | 13 | 5 | Helicopter - Heavy Duty_3200 | helicopter | | | | | | | | | | | | |
| 60-P06 | Structure Installation | | Pickup - 1/2 Ton | 395 | Gasoline | 2 | 48 | 2 | Pickup - 1/2 Ton_395 | on | | | 19 | | passenger | | 40 | 2 | 160 | 7680 | 4 | Automobile |
| 61-P06 | Structure Installation | | Forklift - 15,000 lb | 130 | Diesel | 1 | 48 | 5 | Forklift - 15,000 lb_130 | off | | | 40 | | | Forklifts | | | | | | |
| 62-P06 | Structure Installation | | Pickup - 1 ton | 410 | Diesel | 2 | 48 | 2 | Pickup - 1 ton_410 | on | | | 20 | | passenger | | 60 | 2 | 240 | 11520 | 4 | Automobile |
| 63-P06 | Structure Installation | | Crane - 200 Ton | 275 | Diesel | 1 | 48 | 10 | Crane - 200 Ton_275 | off | | | 41 | | | Cranes | | | | | | |
| 64-P06 | Structure Installation | | 844 Loader | 417 | Diesel | 1 | 48 | 6 | 844 Loader_417 | off | | | 42 | | | Rubber Tired Loaders | | | | | | |
| 65-P06 | Structure Installation | | Truck - Water 4 K | 300 | Diesel | 4 | 28 | 6 | Truck - Water 4 K_300 | on | | | 21 | | vendor | | 60 | 2 | 240 | 11520 | 4 | Const Vehicle |
| 66-P06 | Structure Installation | | Jet Fuel Truck | 300 | Diesel | 1 | 48 | 10 | Jet Fuel Truck_300 | on | | | 22 | | vendor | | 40 | 2 | 80 | 3,840 | 2 | Const Vehicle |
| 67-P07 | Conductor Installation | | Helicopter | 700 | Jet | 1 | 12 | 10 | Helicopter_700 | helicopter | | | | | | | | | | | | |
| 68-P07 | Conductor Installation | | Jet Fuel Truck | 300 | Diesel | 1 | 60 | 10 | Jet Fuel Truck_300 | on | | | 23 | | vendor | | 40 | 2 | 80 | 4,800 | 2 | Const Vehicle |
| 69-P07 | Conductor Installation | | Crane - 35 Ton (Manlift) | 250 | Diesel | 6 | 60 | 10 | Crane - 35 Ton (Manlift)_250 | off | | | 43 | | | Cranes | | | | | | |
| 70-P07 | Conductor Installation | | Pickup - 1/2 Ton | 395 | Gasoline | 4 | 60 | 2 | Pickup - 1/2 Ton_395 | on | | | 24 | | passenger | | 40 | 2 | 320 | 19200 | 8 | Automobile |
| 71-P07 | Conductor Installation | | Pickup - 1 Ton | 410 | Diesel | 4 | 60 | 2 | Pickup - 1 Ton_410 | on | | | 25 | | passenger | | 60 | 2 | 480 | 28,800 | 8 | Automobile |
| 72-P07 | Conductor Installation | | D8 Sag Dozer | 200 | Diesel | 2 | 60 | 10 | D8 Sag Dozer_200 | off | | | 44 | | | Rubber Tired Dozers | | | | | | |
| 73-P07 | Conductor Installation | | Wire Puller | 175 | Diesel | 1 | 60 | 5 | Wire Puller_175 | off | | | 45 | | | Other Construction Equipment | | | | | | |
| 74-P07 | Conductor Installation | | Truck - Water 4 K | 300 | Diesel | 2 | 60 | 6 | Truck - Water 4 K_300 | on | | | 26 | | vendor | | 60 | 2 | 240 | 34400 | 4 | Const Vehicle |
| 75-P07 | Conductor Installation | | Wire Traller/ Tensioner | 175 | Diesel | 1 | 60 | 5 | Wire Traller/ Tensioner_175 | off | | | 46 | | | Other Construction Equipment | | | | | | |
| 76-L08 | Access Road Construction | | Pickup - 1/2 Ton | 395 | Gasoline | 2 | 16 | 4 | Pickup - 1/2 Ton_395 | on | | | 27 | | passenger | | 40 | 2 | 160 | 2560 | 4 | Automobile |
| 77-L08 | Access Road Construction | | Pickup - 1 Ton | 410 | Diesel | 2 | 16 | 4 | Pickup - 1 Ton_410 | on | | | 28 | | passenger | | 40 | 2 | 160 | 2,560 | 4 | Automobile |
| 78-L08 | Access Road Construction | | Motor Grader | 250 | Diesel | 1 | 16 | 10 | Motor Grader_250 | off | grading | | 29 | 5 | | Graders | | | | | | |

| Equip Index | Activity Index | Activity Name | Equipment Name | HP | Fuel Type | Quantity | Days Used | Hours Per Day | EquipConcat | On/Off | Grading | Off Count | On Count | Grading Count | On Type | CallEEModType | On Distance per Trip (miles) | Trips Per Day | Daily VMT | Total VMT | Total Trips per day | Automobile Type |
|-------------|----------------|--|------------------------------------|------|-----------|----------|-----------|---------------|--|--------|---------|-----------|----------|---------------|-----------|------------------------------|------------------------------|---------------|-----------|-----------|---------------------|-----------------|
| 98 | L-10 | Structure Installation | Pickup - 1 ton | 410 | Diesel | 2 | 24 | 2 | Pickup - 1 ton 410 | on | | | | 36 | passenger | | 40 | 2 | 160 | 3,840 | | 4Automobile |
| 99 | L-10 | Structure Installation | Crane - 200 Ton | 275 | Diesel | 1 | 24 | 10 | Crane - 200 Ton_275 | off | | | 60 | | | Cranes | | | | | | |
| 100 | L-10 | Structure Installation | 844 Loader | 417 | Diesel | 1 | 24 | 8 | 844 Loader_417 | off | | | 61 | | | Rubber Tired Loaders | | | | | | |
| 101 | L-10 | Structure Installation | Truck - Water 4 K | 300 | Diesel | 2 | 24 | 6 | Truck - Water 4 K_300 | off | | | 37 | | vendor | | 40 | 2 | 160 | 3,840 | | 4Const Vehicle |
| 102 | L-11 | Conductor Installation | Helicopter | 700 | Diesel | 1 | 6 | 10 | Helicopter_700 | off | | | | | | helicopter | | | | | | |
| 103 | L-11 | Conductor Installation | Jet Fuel Truck | 300 | Diesel | 1 | 26 | 10 | Jet Fuel Truck_300 | on | | | | 38 | vendor | | 60 | 2 | 120 | 3120 | | 2Const Vehicle |
| 104 | L-11 | Conductor Installation | Crane - 35 Ton (Manlift) | 250 | Diesel | 6 | 26 | 10 | Crane - 35 Ton (Manlift)_250 | off | | | 62 | | | Cranes | | | | | | |
| 105 | L-11 | Conductor Installation | Pickup - 1/2 ton | 395 | Gasoline | 4 | 26 | 2 | Pickup - 1/2 ton_395 | on | | | 39 | | passenger | | 40 | 2 | 320 | 8320 | | 8Automobile |
| 106 | L-11 | Conductor Installation | Pickup - 1 Ton | 410 | Diesel | 4 | 26 | 2 | Pickup - 1 Ton_410 | on | | | 40 | | passenger | | 40 | 2 | 320 | 8,320 | | 8Automobile |
| 107 | L-11 | Conductor Installation | D8 Sag Dozer | 200 | Diesel | 3 | 26 | 10 | D8 Sag Dozer_200 | off | | | 63 | | | Rubber Tired Dozers | | | | | | |
| 108 | L-11 | Conductor Installation | Wire Puller | 175 | Diesel | 1 | 26 | 5 | Wire Puller_175 | off | | | 64 | | | Other Construction Equipment | | | | | | |
| 109 | L-11 | Conductor Installation | Truck - Water 4 K | 300 | Diesel | 2 | 26 | 6 | Truck - Water 4 K_300 | on | | | 41 | | vendor | | 40 | 2 | 160 | 4160 | | 4Const Vehicle |
| 110 | L-11 | Conductor Installation | Wire Trailer/ Tensioner | 175 | Diesel | 1 | 26 | 5 | Wire Trailer/ Tensioner_175 | off | | | 65 | | | Other Construction Equipment | | | | | | |
| 111 | L-11 | Conductor Installation | Deck Barge | N/A | NA | 1 | 26 | 2 | Deck Barge_N/A | NA | | | | | | | | | | | | |
| 112 | L-11 | Conductor Installation | Tug Boat | 3300 | Diesel | 2 | 26 | 6 | Tug Boat_3300 | boat | | | 65 | | | | | | | | | |
| 113 | L-11 | Conductor Installation | Support Vessel | 200 | Diesel | 2 | 26 | 4 | Support Vessel_200 | boat | | | 66 | | | | | | | | | |
| 114 | L-11 | Conductor Installation | Deck Generator | 170 | Diesel | 1 | 26 | 8 | Deck Generator_170 | off | | | 65 | | | Generator Sets | | | | | | |
| 115 | L-11 | Conductor Installation | Anchor Winches | 100 | Diesel | 4 | 26 | 4 | Anchor Winches_100 | off | | | 67 | | | Other Construction Equipment | | | | | | |
| 116 | L-12 | Transition Structure Foundation Installation | Spud Barge | N/A | Diesel | 1 | 150 | 4 | Spud Barge_N/A | NA | | | | | | | | | | | | |
| 117 | L-12 | Transition Structure Foundation Installation | Hydraulic Unit | 100 | Diesel | 1 | 150 | 2 | Hydraulic Unit_100 | off | | | 68 | | | Other Construction Equipment | | | | | | |
| 118 | L-12 | Transition Structure Foundation Installation | Tug Boat | 3300 | Diesel | 2 | 150 | 6 | Tug Boat_3300 | boat | | | 68 | | | | | | | | | |
| 119 | L-12 | Transition Structure Foundation Installation | Deck Winch | 225 | Diesel | 1 | 150 | 2 | Deck Winch_225 | off | | | 69 | | | Other Construction Equipment | | | | | | |
| 120 | L-12 | Transition Structure Foundation Installation | Truck - Concrete | 425 | Diesel | 1 | 150 | 10 | Truck - Concrete_425 | on | | | 42 | | hhdt | | 60 | 2 | 120 | 18000 | | 2Const Vehicle |
| 121 | L-12 | Transition Structure Foundation Installation | Concrete Pump | 350 | Diesel | 1 | 150 | 3 | Concrete Pump_350 | off | | | 70 | | | Pumps | | | | | | |
| 122 | L-12 | Transition Structure Foundation Installation | Generator - 725 Kw | 985 | Diesel | 1 | 150 | 8 | Generator - 725 Kw_985 | off | | | 71 | | | Generator Sets | | | | | | |
| 123 | L-12 | Transition Structure Foundation Installation | Deck Generator - 100KW | 130 | Diesel | 1 | 150 | 8 | Deck Generator - 100KW_130 | off | | | 72 | | | Generator Sets | | | | | | |
| 124 | L-12 | Transition Structure Foundation Installation | Support Vessel | 200 | Diesel | 2 | 150 | 2 | Support Vessel_200 | boat | | | 72 | | | | | | | | | |
| 125 | L-12 | Transition Structure Foundation Installation | Air Compressor | 50 | Diesel | 1 | 150 | 8 | Air Compressor_50 | off | | | 73 | | | Air Compressors | | | | | | |
| 126 | L-12 | Transition Structure Foundation Installation | Vibratory Hammer/Pile Driver | 665 | Diesel | 1 | 150 | 8 | Vibratory Hammer/Pile Driver_665 | off | | | 74 | | | Other Construction Equipment | | | | | | |
| 127 | L-12 | Transition Structure Foundation Installation | Crane | 180 | Diesel | 1 | 150 | 8 | Crane_180 | off | | | 75 | | | Cranes | | | | | | |
| 128 | L-12 | Transition Structure Foundation Installation | Engine Welder | 25 | Diesel | 1 | 150 | 4 | Engine Welder_25 | off | | | 76 | | | Welders | | | | | | |
| 129 | L-12 | Transition Structure Foundation Installation | Support Vessel | 200 | Diesel | 2 | 150 | 4 | Support Vessel_200 | boat | | | 76 | | | | | | | | | |
| 130 | L-13 | Transition Structure Installation | Spud Barge | N/A | Diesel | 1 | 25 | 4 | Spud Barge_N/A | NA | | | | | | | | | | | | |
| 131 | L-13 | Transition Structure Installation | Deck Barge | NA | NA | 1 | 25 | 2 | Deck Barge_N/A | NA | | | | | | | | | | | | |
| 132 | L-13 | Transition Structure Installation | Tug Boat | 3300 | Diesel | 2 | 25 | 6 | Tug Boat_3300 | boat | | | 77 | | | | | | | | | |
| 133 | L-13 | Transition Structure Installation | Barge Mounted Crane | 250 | Diesel | 1 | 25 | 8 | Barge Mounted Crane_250 | off | | | 76 | | | Cranes | | | | | | |
| 134 | L-13 | Transition Structure Installation | Support Vessel | 200 | Diesel | 2 | 25 | 4 | Support Vessel_200 | boat | | | 77 | | | | | | | | | |
| 135 | L-13 | Transition Structure Installation | Deck Generator | 170 | Diesel | 1 | 25 | 8 | Deck Generator_170 | off | | | 78 | | | Generator Sets | | | | | | |
| 136 | L-13 | Transition Structure Installation | Air Compressor | 50 | Diesel | 1 | 25 | 8 | Air Compressor_50 | off | | | 79 | | | Air Compressors | | | | | | |
| 137 | L-13 | Transition Structure Installation | Generator - 725 Kw | 985 | Diesel | 1 | 25 | 8 | Generator - 725 Kw_985 | off | | | 80 | | | Generator Sets | | | | | | |
| 138 | L-14 | Submarine Cable Installation | Survey Vessel | 150 | Diesel | 2 | 147 | 12 | Survey Vessel_150 | boat | | | 80 | | | | | | | | | |
| 139 | L-14 | Submarine Cable Installation | Tug Boat | 1200 | Diesel | 2 | 147 | 8 | Tug Boat_1200 | boat | | | 80 | | | | | | | | | |
| 140 | L-14 | Submarine Cable Installation | Crew Boat | 1200 | Diesel | 1 | 147 | 12 | Crew Boat_1200 | boat | | | 80 | | | | | | | | | |
| 141 | L-14 | Submarine Cable Installation | Small Boats | 250 | Gasoline | 2 | 147 | 12 | Small Boats_250 | boat | | | 80 | | | | | | | | | |
| 142 | L-14 | Submarine Cable Installation | Crane | 180 | Diesel | 1 | 147 | 6 | Crane_180 | off | | | 81 | | | Cranes | | | | | | |
| 143 | L-14 | Submarine Cable Installation | Anchor Winches | 100 | Diesel | 4 | 147 | 4 | Anchor Winches_100 | off | | | 82 | | | Other Construction Equipment | | | | | | |
| 144 | L-14 | Submarine Cable Installation | Generators | 150 | Diesel | 1 | 147 | 12 | Generators_150 | off | | | 83 | | | Generator Sets | | | | | | |
| 145 | L-14 | Submarine Cable Installation | Misc Deck Equipment | 100 | Diesel | 1 | 147 | 12 | Misc Deck Equipment_100 | off | | | 84 | | | Other Construction Equipment | | | | | | |
| 146 | L-14 | Submarine Cable Installation | Water Pumps | 325 | Diesel | 2 | 147 | 12 | Water Pumps_325 | off | | | 85 | | | Pumps | | | | | | |
| 147 | L-14 | Submarine Cable Installation | Pull In Winch | 100 | Diesel | 1 | 147 | 12 | Pull In Winch_100 | off | | | 86 | | | Other Construction Equipment | | | | | | |
| 148 | L-14 | Submarine Cable Installation | Dive Compressor | 50 | Diesel | 2 | 147 | 12 | Dive Compressor_50 | off | | | 87 | | | Air Compressors | | | | | | |
| 149 | L-14 | Submarine Cable Installation | Termination Genset | 50 | Diesel | 1 | 147 | 12 | Termination Genset_50 | off | | | 88 | | | Generator Sets | | | | | | |
| 150 | L-14 | Submarine Cable Installation | Assist Barge: Crane | 200 | Diesel | 1 | 147 | 12 | Assist Barge: Crane_200 | off | | | 89 | | | Cranes | | | | | | |
| 151 | L-15 | Southern Transition Approach Construction | Onshore Excavator | 600 | Diesel | 1 | 138 | 12 | Onshore Excavator_600 | off | | | 90 | | | Excavators | | | | | | |
| 152 | L-15 | Southern Transition Approach Construction | Onshore End Loader | 138 | Diesel | 1 | 138 | 12 | Onshore End Loader_138 | off | | | 91 | | | Tractors/Loaders/Backhoes | | | | | | |
| 153 | L-15 | Southern Transition Approach Construction | Onshore Crane | 180 | Diesel | 1 | 138 | 12 | Onshore Crane_180 | off | | | 92 | | | Cranes | | | | | | |
| 154 | L-15 | Southern Transition Approach Construction | Crane - 200 ton | 275 | Diesel | 1 | 138 | 6 | Crane - 200 ton_275 | off | | | 93 | | | Cranes | | | | | | |
| 155 | L-15 | Southern Transition Approach Construction | Onshore Vibratory Hammer | 300 | Diesel | 1 | 138 | 12 | Onshore Vibratory Hammer_300 | off | | | 94 | | | Other Construction Equipment | | | | | | |
| 156 | L-15 | Southern Transition Approach Construction | Air Compressor | 50 | Diesel | 1 | 138 | 12 | Air Compressor_50 | off | | | 95 | | | Air Compressors | | | | | | |
| 157 | L-15 | Southern Transition Approach Construction | Truck - Dump 10-12 Yd | 415 | Diesel | 4 | 138 | 6 | Truck - Dump 10-12 Yd_415 | on | | | 43 | | hhdt | | 40 | 2 | 320 | 44,160 | | 8Const Vehicle |
| 158 | L-15 | Southern Transition Approach Construction | Onshore Dewatering Equip | 50 | Diesel | 2 | 138 | 12 | Onshore Dewatering Equip_50 | off | | | 96 | | | Other Construction Equipment | | | | | | |
| 159 | L-15 | Southern Transition Approach Construction | Onshore Trucks | 300 | Diesel | 4 | 138 | 12 | Onshore Trucks_300 | on | | | 44 | | vendor | | 60 | 2 | 480 | 6640 | | 8Const Vehicle |
| 160 | L-16 | Substation Getaways | Pickup - 1/2 Ton | 395 | Gasoline | 4 | 70 | 2 | Pickup - 1/2 Ton_395 | on | | | 45 | | passenger | | 40 | 2 | 320 | 22400 | | 8Automobile |
| 161 | L-16 | Substation Getaways | Pickup - 1 Ton | 410 | Diesel | 4 | 70 | 2 | Pickup - 1 Ton_410 | on | | | 46 | | passenger | | 40 | 2 | 320 | 22400 | | 8Automobile |
| 162 | L-16 | Substation Getaways | Welding Truck | 395 | Diesel | 2 | 70 | 2 | Welding Truck_395 | on | | | 47 | | vendor | | 40 | 2 | 160 | 11,200 | | 4Const Vehicle |
| 163 | L-16 | Substation Getaways | Generator - 25 Kw | 36 | Diesel | 2 | 70 | 10 | Generator - 25 Kw_36 | off | | | 97 | | | Generator Sets | | | | | | |
| 164 | L-16 | Substation Getaways | Crane - 35 Ton (Manlift) | 250 | Diesel | 2 | 70 | 5 | Crane - 35 Ton (Manlift)_250 | off | | | 98 | | | Cranes | | | | | | |
| 165 | L-16 | Substation Getaways | Forklift - 10 K Reach | 130 | Diesel | 2 | 70 | 4 | Forklift - 10 K Reach_130 | off | | | 99 | | | Forklifts | | | | | | |
| 166 | L-16 | Substation Getaways | Forklift - 15,000 lb | 130 | Diesel | 1 | 70 | 4 | Forklift - 15,000 lb_130 | off | | | 100 | | | Forklifts | | | | | | |
| 167 | L-16 | Substation Getaways | Loader - 4.5 Yd | 74 | Diesel | 2 | 70 | 5 | Loader - 4.5 Yd_74 | off | | | 101 | | | Rubber Tired Loaders | | | | | | |
| 168 | L-16 | Substation Getaways | Wire Trailer/ Tensioner | 175 | Diesel | 1 | 70 | 5 | Wire Trailer/ Tensioner_175 | off | | | 102 | | | Other Construction Equipment | | | | | | |
| 169 | L-16 | Substation Getaways | Wire Puller | 175 | Diesel | 1 | 70 | 5 | Wire Puller_175 | off | | | 103 | | | Other Construction Equipment | | | | | | |
| 170 | L-16 | Substation Getaways | Skid steer loader | 74 | Diesel | 2 | 70 | 10 | Skid steer loader_74 | off | | | 104 | | | Skid Steer Loaders | | | | | | |
| 171 | L-16 | Substation Getaways | Backhoe - 2X4 | 68 | Diesel | 2 | 70 | 6 | Backhoe - 2X4_68 | off | | | 105 | | | Excavators | | | | | | |
| 172 | P-17 | Distribution Extension to Substation | Pickup - 1/2 ton | 395 | Gasoline | 2 | 51 | 2 | Pickup - 1/2 ton_395 | on | | | 48 | | passenger | | 40 | 2 | 160 | 8160 | | 4Automobile |
| 173 | P-17 | Distribution Extension to Substation | Wire Trailer/ Tensioner | 175 | Diesel | 1 | 51 | 5 | Wire Trailer/ Tensioner_175 | off | | | 106 | | | Other Construction Equipment | | | | | | |
| 174 | P-17 | Distribution Extension to Substation | Wire Puller | 175 | Diesel | 1 | 51 | 5 | Wire Puller_175 | off | | | 107 | | | Other Construction Equipment | | | | | | |
| 175 | P-17 | Distribution Extension to Substation | Crane - 35 Ton (Manlift) | 250 | Diesel | 1 | 51 | 10 | Crane - 35 Ton (Manlift)_250 | off | | | 108 | | | Cranes | | | | | | |
| 176 | P-17 | Distribution Extension to Substation | Pickup - 1 Ton | 410 | Diesel | 2 | 51 | 2 | Pickup - 1 Ton_410 | on | | | 49 | | passenger | | 60 | 2 | 240 | 12240 | | 4Automobile |
| 177 | P-17 | Distribution Extension to Substation | Forklift - 15 K Reach | 130 | Diesel | 2 | 51 | 6 | Forklift - 15 K Reach_130 | off | | | 109 | | | Forklifts | | | | | | |
| 178 | P-17 | Distribution Extension to Substation | Pressure Digger - Lo-Drill (Track) | 275 | Diesel | 1 | 51 | 8 | Pressure Digger - Lo-Drill (Track)_275 | off | | | 110 | | | Bore/Drill Rigs | | | | | | |

| Equip Index | Activity Index | Activity Name | Equipment Name | HP | Fuel Type | Quantity | Days Used | Hours Per Day | EquipConcat | On-Off | Grading | Off Count | On Count | Grading Count | On Type | CallEEModType | On Distance per Trip (miles) | Trips Per Day | Daily VMT | Total VMT | Total Trips per day | Automobile Type |
|-------------|----------------|--|--------------------------|------|-----------|----------|-----------|---------------|------------------------------|--------|------------|-----------|----------|---------------|-----------|---------------------|------------------------------|---------------|-----------|-----------|---------------------|-----------------|
| 196 | P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | Welding Truck | 395 | Diesel | 2 | 102 | 5 | Welding Truck 395 | on | | | 58 | | vendor | | 10 | 2 | 40 | 4080 | 4 | Const Vehicle |
| 197 | P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | Crane - 35 Ton (Manlift) | 250 | Diesel | 2 | 102 | 10 | Crane - 35 Ton (Manlift)_250 | off | | 120 | | | | Cranes | | | | | | |
| 198 | P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | Forklift - 15,000 lb | 130 | Diesel | 1 | 102 | 4 | Forklift -15,000 lb_130 | off | | 121 | | | | Forklifts | | | | | | |
| 199 | P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | Manlift - 40' | 49 | Diesel | 3 | 102 | 10 | Manlift - 40' 49 | off | | 122 | | | | Aerial Lifts | | | | | | |
| 200 | P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | 120' Manlift | 74 | Diesel | 2 | 102 | 4 | 120' Manlift_74 | off | | 123 | | | | Aerial Lifts | | | | | | |
| 201 | L-20 | Commissioning and Testing | Pickup - 1/2 Ton | 395 | Gasoline | 4 | 174 | 2 | Pickup - 1/2 Ton_395 | on | | | 59 | | passenger | | 40 | 2 | 320 | 55680 | 8 | Automobile |
| 202 | L-20 | Commissioning and Testing | Pickup - 1 Ton | 410 | Diesel | 4 | 174 | 2 | Pickup - 1 Ton_410 | on | | | 60 | | passenger | | 40 | 2 | 320 | 55680 | 8 | Automobile |
| 203 | L-20 | Commissioning and Testing | Manlift - 40' | 49 | Diesel | 3 | 174 | 10 | Manlift - 40' 49 | off | | 124 | | | | Aerial Lifts | | | | | | |
| 204 | L-20 | Commissioning and Testing | Truck - Water 4 K | 300 | Diesel | 1 | 174 | 10 | Truck - Water 4 K_300 | on | | | 61 | | vendor | | 40 | 2 | 80 | 13920 | 2 | Const Vehicle |
| 205 | L-20 | Commissioning and Testing | Tool - Van/Conex 20' | 0 | NA | 6 | 174 | 10 | Tool - Van/Conex 20' 0 | NA | | | | | | | | | | | | |
| 206 | L-20 | Commissioning and Testing | Deck Barge | N/A | NA | 1 | 174 | 2 | Deck Barge_N/A | NA | | | | | | | | | | | | |
| 207 | L-20 | Commissioning and Testing | Tug Boat | 3300 | Diesel | 2 | 174 | 6 | Tug Boat_3300 | boat | | | 124 | | | | | | | | | |
| 208 | L-20 | Commissioning and Testing | Support Vessel | 200 | Diesel | 2 | 174 | 4 | Support Vessel_200 | boat | | | 124 | | | | | | | | | |
| 209 | L-20 | Commissioning and Testing | Deck Generator | 170 | Diesel | 1 | 174 | 8 | Deck Generator_170 | off | | 125 | | | | Generator Sets | | | | | | |
| 210 | L-20 | Commissioning and Testing | Crane - 35 Ton (Manlift) | 250 | Diesel | 2 | 174 | 10 | Crane - 35 Ton (Manlift)_250 | off | | 126 | | | | Cranes | | | | | | |
| 211 | L-21 | Cleanup and Restoration | Pickup - 1 Ton | 410 | Diesel | 4 | 140 | 2 | Pickup - 1 Ton_410 | on | | | 62 | | passenger | | 40 | 2 | 320 | 44800 | 8 | Automobile |
| 212 | L-21 | Cleanup and Restoration | Motor Grader | 250 | Diesel | 2 | 140 | 10 | Motor Grader_250 | off | grading | | | 7 | | Graders | | | | | | |
| 213 | L-21 | Cleanup and Restoration | Backhoe - 2x4 | 68 | Diesel | 2 | 140 | 8 | Backhoe - 2x4_68 | off | grading | | | | | Excavators | | | | | | |
| 214 | L-21 | Cleanup and Restoration | Truck - Water 4 K | 300 | Diesel | 2 | 140 | 10 | Truck - Water 4 K_300 | on | | | 63 | | vendor | | 40 | 2 | 160 | 22400 | 4 | Const Vehicle |
| 215 | L-21 | Cleanup and Restoration | Skid steer loader | 74 | Diesel | 1 | 140 | 10 | Skid steer loader_74 | off | | 129 | | | | Skid Steer Loaders | | | | | | |
| 216 | L-21 | Cleanup and Restoration | Excavator | 250 | Diesel | 1 | 140 | 10 | Excavator_250 | off | | 130 | | | | Excavators | | | | | | |
| 217 | L-21 | Cleanup and Restoration | D6 Type Dozer | 250 | Diesel | 1 | 140 | 10 | D6 Type Dozer_250 | off | bulldozing | | 131 | 8 | passenger | Rubber Tired Dozers | | | | | | |
| 218 | L-21 | Cleanup and Restoration | Pickup - 1/2 Ton | 395 | Gasoline | 4 | 140 | 2 | Pickup - 1/2 Ton_395 | on | | | 64 | | passenger | | 40 | 2 | 320 | 44800 | 8 | Automobile |
| 219 | L-21 | Cleanup and Restoration | Truck - Dump 10-12 Yd | 415 | Diesel | 2 | 140 | 10 | Truck - Dump 10-12 Yd_415 | on | | | 65 | | hhdT | | 40 | 2 | 160 | 22400 | 4 | Const Vehicle |
| 220 | L-01 | Survey | Worker Commute | NA | Gasoline | 4 | 26 | NA | Worker Commute_NA | on | | | 66 | | passenger | | 60 | 2 | 480 | 12480 | 8 | Automobile |
| 221 | L-02 | Site Development/Staging Yards | Worker Commute | NA | Gasoline | 12 | 76 | NA | Worker Commute_NA | on | | | 67 | | passenger | | 60 | 2 | 1440 | 109440 | 24 | Automobile |
| 222 | L-03 | Below-Grade Construction | Worker Commute | NA | Gasoline | 40 | 152 | NA | Worker Commute_NA | on | | | 68 | | passenger | | 60 | 2 | 4800 | 729600 | 80 | Automobile |
| 223 | L-04 | Above-Grade Construction | Worker Commute | NA | Gasoline | 30 | 333 | NA | Worker Commute_NA | on | | | 69 | | passenger | | 60 | 2 | 3600 | 1198800 | 60 | Automobile |
| 224 | P-05 | Foundation Installation | Worker Commute | NA | Gasoline | 15 | 40 | NA | Worker Commute_NA | on | | | 70 | | passenger | | 60 | 2 | 1800 | 72000 | 30 | Automobile |
| 225 | P-06 | Structure Installation | Worker Commute | NA | Gasoline | 15 | 48 | NA | Worker Commute_NA | on | | | 71 | | passenger | | 60 | 2 | 1800 | 86400 | 30 | Automobile |
| 226 | P-07 | Conductor Installation | Worker Commute | NA | Gasoline | 30 | 60 | NA | Worker Commute_NA | on | | | 72 | | passenger | | 60 | 2 | 3600 | 216000 | 60 | Automobile |
| 227 | L-08 | Access Road Construction | Worker Commute | NA | Gasoline | 12 | 16 | NA | Worker Commute_NA | on | | | 73 | | passenger | | 60 | 2 | 1440 | 23040 | 24 | Automobile |
| 228 | L-09 | Foundation Installation | Worker Commute | NA | Gasoline | 12 | 22 | NA | Worker Commute_NA | on | | | 74 | | passenger | | 60 | 2 | 1440 | 31680 | 24 | Automobile |
| 229 | L-10 | Structure Installation | Worker Commute | NA | Gasoline | 12 | 24 | NA | Worker Commute_NA | on | | | 75 | | passenger | | 60 | 2 | 1440 | 34560 | 24 | Automobile |
| 230 | L-11 | Conductor Installation | Worker Commute | NA | Gasoline | 30 | 26 | NA | Worker Commute_NA | on | | | 76 | | passenger | | 60 | 2 | 3600 | 93600 | 60 | Automobile |
| 231 | L-12 | Transition Structure Foundation Installation | Worker Commute | NA | Gasoline | 20 | 150 | NA | Worker Commute_NA | on | | | 77 | | passenger | | 60 | 2 | 2400 | 360000 | 40 | Automobile |
| 232 | L-13 | Transition Structure Installation | Worker Commute | NA | Gasoline | 20 | 25 | NA | Worker Commute_NA | on | | | 78 | | passenger | | 60 | 2 | 2400 | 60000 | 40 | Automobile |
| 233 | L-14 | Submarine Cable Installation | Worker Commute | NA | Gasoline | 25 | 147 | NA | Worker Commute_NA | on | | | 79 | | passenger | | 60 | 2 | 3000 | 441000 | 50 | Automobile |
| 234 | L-15 | Southern Transition Approach Construction | Worker Commute | NA | Gasoline | 25 | 138 | NA | Worker Commute_NA | on | | | 80 | | passenger | | 60 | 2 | 3000 | 414000 | 50 | Automobile |
| 235 | L-16 | Substation Getaways | Worker Commute | NA | Gasoline | 20 | 70 | NA | Worker Commute_NA | on | | | 81 | | passenger | | 60 | 2 | 2400 | 168000 | 40 | Automobile |
| 236 | P-17 | Distribution Extension to Substation | Worker Commute | NA | Gasoline | 10 | 51 | NA | Worker Commute_NA | on | | | 82 | | passenger | | 60 | 2 | 1200 | 61200 | 20 | Automobile |
| 237 | L-18 | Fiber Extension to Substation | Worker Commute | NA | Gasoline | 12 | 103 | NA | Worker Commute_NA | on | | | 83 | | passenger | | 60 | 2 | 1440 | 148320 | 24 | Automobile |
| 238 | P-19 | Vaca Dixon, Tesla, and Pittsburg Substation Upgrades | Worker Commute | NA | Gasoline | 15 | 102 | NA | Worker Commute_NA | on | | | 84 | | passenger | | 60 | 2 | 1800 | 189600 | 30 | Automobile |
| 239 | L-20 | Commissioning and Testing | Worker Commute | NA | Gasoline | 24 | 174 | NA | Worker Commute_NA | on | | | 85 | | passenger | | 60 | 2 | 2880 | 501120 | 48 | Automobile |

Table 50: Average Daily Construction Emissions in BAAQMD (pounds/day)

| Pollutant | 2026 Unctrl | 2027 Unctrl | 2028 Unctrl | 2026 Ctrl | 2027 Ctrl | 2028 Ctrl | Threshold |
|---------------|-------------|-------------|-------------|-----------|-----------|-----------|-----------|
| ROG | 12.4 | 14.7 | 5.1 | 4.8 | 7.6 | 2.3 | 54 |
| NOX | 113.8 | 123.7 | 46.8 | 53.5 | 51.4 | 16.6 | 54 |
| CO | 129.8 | 130.4 | 43.7 | 153.5 | 146.1 | 53.7 | None |
| SO2 | 0.4 | 0.3 | 0.1 | 0.4 | 0.3 | 0.1 | None |
| PM10 Exhaust | 4.5 | 6.0 | 2.3 | 2.2 | 3.4 | 1.2 | 82 |
| PM10 Dust | 191.0 | 178.8 | 122.9 | 53.0 | 51.0 | 34.1 | None |
| PM10 Total | 195.5 | 184.7 | 125.1 | 55.2 | 54.5 | 35.3 | None |
| PM2.5 Exhaust | 3.8 | 5.0 | 2.0 | 1.7 | 2.6 | 1.0 | 54 |
| PM2.5 Dust | 20.3 | 19.5 | 15.6 | 6.3 | 6.5 | 5.0 | None |
| PM2.5 Tototal | 24.1 | 24.5 | 17.6 | 8.0 | 9.1 | 5.9 | None |
| CO2 | 35,591.8 | 32,783.1 | 12,129.0 | 35,591.8 | 32,783.1 | 12,129.0 | None |
| CH4 | 1.1 | 1.0 | 0.4 | 1.1 | 1.0 | 0.4 | None |
| N2O | 1.1 | 0.9 | 0.4 | 1.1 | 0.9 | 0.4 | None |

