

**Rincon Phase 2 Decommissioning  
Island Decommissioning**

**OFF-ROAD SOURCES**

| Source                       | Fuel   | BHP | Number | Average Hours/Day | Emission Factors: pounds/BHP-hr <sup>1,3</sup> |         |         |         |         |         |          |          | Pounds/Day      |             |             |             |              |               |              |              | Total Days | Total English Tons |              |              |              |              |              |               |               |
|------------------------------|--------|-----|--------|-------------------|--|---------|---------|---------|---------|---------|----------|----------|-----------------|-------------|-------------|-------------|--------------|---------------|--------------|--------------|------------|--------------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|
|                              |        |     |        |                   | NO <sub>x</sub>                                | ROG     | PM10    | PM2.5   | CO      | CO2     | CH4      | N2O      | NO <sub>x</sub> | ROG         | PM10        | PM2.5       | CO           | CO2           | CH4          | N2O          |            | NO <sub>x</sub>    | ROG          | PM10         | PM2.5        | CO           | CO2          | CH4           | N2O           |
| Excavator                    | Diesel | 310 | 2      | 8                 | 0.00096  | 0.00012 | 0.00003 | 0.00003 | 0.00093 | 0.44493 | 0.000023 | 0.000011 | 4.76            | 0.60        | 0.15        | 0.15        | 4.61         | 2206.9        | 0.114        | 0.056        | 198        | 0.471              | 0.059        | 0.015        | 0.015        | 0.457        | 218.5        | 0.011         | 0.006         |
| Drill rig (dewatering wells) | Diesel | 175 | 0      | 0                 | 0.00115  | 0.00014 | 0.00005 | 0.00005 | 0.00328 | 0.58943 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00         | 0.00          | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000         | 0.000         |
| Grader                       | Diesel | 290 | 0      | 0                 | 0.00262  | 0.00024 | 0.00009 | 0.00008 | 0.00114 | 0.47565 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00         | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000         | 0.000         |
| Backhoe                      | Diesel | 104 | 0      | 0                 | 0.00178  | 0.00017 | 0.00008 | 0.00007 | 0.00284 | 0.43052 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00         | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000         | 0.000         |
| Dozer (D8)                   | Diesel | 355 | 1      | 8                 | 0.00321  | 0.00029 | 0.00013 | 0.00012 | 0.00172 | 0.49864 | 0.000023 | 0.000011 | 9.12            | 0.82        | 0.37        | 0.34        | 4.88         | 1416.1        | 0.065        | 0.032        | 201        | 0.916              | 0.083        | 0.037        | 0.034        | 0.491        | 142.3        | 0.007         | 0.003         |
| Generator (pumps)            | Diesel | 50  | 0      | 0                 | 0.00129  | 0.00011 | 0.00011 | 0.00010 | 0.00258 | 0.35591 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00         | 0.000         | 0.000        | 0            | 0.000      | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000         | 0.000         |
| Vibratory soil compactor     | Diesel | 74  | 1      | 8                 | 0.01245  | 0.00155 | 0.00089 | 0.00082 | 0.00508 | 0.43658 | 0.000023 | 0.000011 | 7.37            | 0.92        | 0.53        | 0.49        | 3.01         | 258.5         | 0.014        | 0.007        | 15         | 0.055              | 0.007        | 0.004        | 0.004        | 0.023        | 1.9          | 0.000         | 0.000         |
| Light plant                  | Diesel | 15  | 0      | 0                 | 0.00183  | 0.00019 | 0.00002 | 0.00002 | 0.00254 | 0.35591 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00         | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000         | 0.000         |
| Air compressor (185 cfm)     | Diesel | 50  | 0      | 0                 | 0.00179  | 0.00014 | 0.00002 | 0.00002 | 0.00235 | 0.35591 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00         | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000         | 0.000         |
| Welding machine              | Diesel | 20  | 0      | 0                 | 0.00447  | 0.00061 | 0.00021 | 0.00019 | 0.00285 | 0.56383 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00         | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000         | 0.000         |
| Wheeled loader               | Diesel | 240 | 2      | 8                 | 0.00142  | 0.00015 | 0.00005 | 0.00004 | 0.00093 | 0.42010 | 0.000023 | 0.000011 | 5.45            | 0.58        | 0.19        | 0.15        | 3.57         | 1613.2        | 0.088        | 0.043        | 217        | 0.592              | 0.062        | 0.021        | 0.017        | 0.387        | 175.0        | 0.010         | 0.005         |
| Crane (mobile)               | Diesel | 350 | 1      | 8                 | 0.00200  | 0.00019 | 0.00008 | 0.00008 | 0.00107 | 0.33508 | 0.000023 | 0.000011 | 5.60            | 0.53        | 0.22        | 0.22        | 3.00         | 938.2         | 0.064        | 0.032        | 2          | 0.006              | 0.001        | 0.000        | 0.000        | 0.003        | 0.9          | 0.000         | 0.000         |
| Concrete pump                | Diesel | 250 | 0      | 0                 | 0.00009  | 0.00011 | 0.00001 | 0.00001 | 0.00081 | 0.35591 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00         | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000         | 0.000         |
|                              |        |     |        |                   |  |         |         |         |         |         |          |          | <b>32.30</b>    | <b>3.44</b> | <b>1.46</b> | <b>1.35</b> | <b>19.07</b> | <b>6432.9</b> | <b>0.346</b> | <b>0.170</b> |            | <b>2.040</b>       | <b>0.212</b> | <b>0.077</b> | <b>0.070</b> | <b>1.361</b> | <b>538.7</b> | <b>0.0276</b> | <b>0.0136</b> |

**ON-ROAD SOURCES**

| On Road Sources  | Miles/One-way Trip | Average Daily One-way Trips | Emission Factors, grams/mile <sup>2</sup> |         |         |         |         |         |         |         | Pounds/Day      |               |               |               |               |               |               |               | Total Days | Total English Tons |               |               |               |               |              |               |               |
|--|--------------------|-----------------------------|---|---------|---------|---------|---------|---------|---------|---------|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------|--------------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|
|  |                    |                             | NO <sub>x</sub>                           | ROG     | PM10    | PM2.5   | CO      | CO2     | CH4     | N2O     | NO <sub>x</sub> | ROG           | PM10          | PM2.5         | CO            | CO2           | CH4           | N2O           |            | NO <sub>x</sub>    | ROG           | PM10          | PM2.5         | CO            | CO2          | CH4           | N2O           |
| Light-duty truck (workers)                             | 20                 | 24                          | 0.15737                                   | 0.03421 | 0.00200 | 0.00184 | 1.78040 | 294.21  | 0.00882 | 0.00720 | 0.1665          | 0.0362        | 0.0021        | 0.0019        | 1.8840        | 311.3         | 0.0093        | 0.0076        | 231        | 0.019              | 0.004         | 0.000         | 0.000         | 0.218         | 36.0         | 0.001         | 0.001         |
| Heavy-duty truck (structural debris to Std Industries) | 23                 | 2.48                        | 1.19277                                   | 0.00956 | 0.01048 | 0.01003 | 0.11083 | 1431.08 | 0.00308 | 0.14960 | 0.1500          | 0.0012        | 0.0013        | 0.0013        | 0.0139        | 180.0         | 0.0004        | 0.0188        | 25         | 0.002              | 0.000         | 0.000         | 0.000         | 0.000         | 2.2          | 0.000         | 0.000         |
| Heavy-duty truck (pavement to State Ready Mix)         | 26                 | 3.1                         | 1.19277                                   | 0.00956 | 0.01048 | 0.01003 | 0.11083 | 1431.08 | 0.00308 | 0.14960 | 0.2119          | 0.0017        | 0.0019        | 0.0018        | 0.0197        | 254.3         | 0.0005        | 0.0266        | 20         | 0.002              | 0.000         | 0.000         | 0.000         | 0.000         | 2.5          | 0.000         | 0.000         |
| Heavy-duty truck (contaminated soil to WM)             | 50                 | 10.32                       | 1.19277                                   | 0.00956 | 0.01048 | 0.01003 | 0.11083 | 1431.08 | 0.00308 | 0.14960 | 1.3568          | 0.0109        | 0.0119        | 0.0114        | 0.1261        | 1627.9        | 0.0035        | 0.1702        | 186        | 0.126              | 0.001         | 0.001         | 0.001         | 0.012         | 151.4        | 0.000         | 0.016         |
| Heavy-duty truck (clean soil from Grimes Rock)         | 41                 | 10.32                       | 1.19277                                   | 0.00956 | 0.01048 | 0.01003 | 0.11083 | 1431.08 | 0.00308 | 0.14960 | 1.1126          | 0.0089        | 0.0098        | 0.0094        | 0.1034        | 1334.9        | 0.0029        | 0.1395        | 186        | 0.103              | 0.001         | 0.001         | 0.001         | 0.010         | 124.1        | 0.000         | 0.013         |
| Heavy-duty truck (contaminated water to World Oil)     | 95                 | 2                           | 1.19277                                   | 0.00956 | 0.01048 | 0.01003 | 0.11083 | 1431.08 | 0.00308 | 0.14960 | 0.4996          | 0.0040        | 0.0044        | 0.0042        | 0.0464        | 599.4         | 0.0013        | 0.0627        | 10         | 0.002              | 0.000         | 0.000         | 0.000         | 0.000         | 3.0          | 0.000         | 0.000         |
| <b>Totals =&gt;</b>                                    |                    |                             |   |         |         |         |         |         |         |         | <b>3.4975</b>   | <b>0.0629</b> | <b>0.0314</b> | <b>0.0300</b> | <b>2.1935</b> | <b>4307.9</b> | <b>0.0179</b> | <b>0.4254</b> |            | <b>0.2554</b>      | <b>0.0061</b> | <b>0.0023</b> | <b>0.0022</b> | <b>0.2395</b> | <b>319.3</b> | <b>0.0017</b> | <b>0.0305</b> |

**Off-Road & On-Road Source Totals      35.799      3.507      1.492      1.383      21.266 10740.726      0.3637      0.5951      2.2955      0.2177      0.0792      0.0717      1.6002      858.0      0.0293      0.0441**

Notes:

<sup>1</sup> Onshore equipment emission factors from OFFROAD 2021 model for Ventura County, year 2024

<sup>2</sup> On-road emission factors from EMFAC 2021 model for Ventura County, year 2024

**Greenhouse Gas Emissions Summary**

|                   |              |       |        |
|-------------------|--------------|-------|--------|
| Metric Tons       | 766.1        | 0.026 | 0.039  |
| CO2E              | 766.1        | 0.730 | 10.740 |
| <b>Total CO2E</b> | <b>777.5</b> |       |        |

**Rincon Phase 2 Decommissioning  
SCC Parcel Improvements**

**OFF-ROAD SOURCES**

| Source                       | Fuel   | BHP | Number | Average Hours/Day | Emission Factors: pounds/BHP-hr <sup>1,3</sup> |         |         |         |         |         |          |          | Pounds/Day      |             |             |             |             |               |              |              | Total Days | Total English Tons |              |              |              |              |             |               |               |
|------------------------------|--------|-----|--------|-------------------|--|---------|---------|---------|---------|---------|----------|----------|-----------------|-------------|-------------|-------------|-------------|---------------|--------------|--------------|------------|--------------------|--------------|--------------|--------------|--------------|-------------|---------------|---------------|
|                              |        |     |        |                   | NO <sub>x</sub>                                | ROG     | PM10    | PM2.5   | CO      | CO2     | CH4      | N2O      | NO <sub>x</sub> | ROG         | PM10        | PM2.5       | CO          | CO2           | CH4          | N2O          |            | NO <sub>x</sub>    | ROG          | PM10         | PM2.5        | CO           | CO2         | CH4           | N2O           |
| Excavator                    | Diesel | 310 | 2      | 8                 | 0.00096  | 0.00012 | 0.00003 | 0.00003 | 0.00093 | 0.44493 | 0.000023 | 0.000011 | 4.76            | 0.60        | 0.15        | 0.15        | 4.61        | 2206.9        | 0.114        | 0.056        | 20         | 0.048              | 0.006        | 0.001        | 0.001        | 0.046        | 22.1        | 0.001         | 0.001         |
| Drill rig (dewatering wells) | Diesel | 175 | 0      | 0                 | 0.00115  | 0.00014 | 0.00005 | 0.00005 | 0.00328 | 0.58943 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00        | 0.00          | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.000       | 0.000         | 0.000         |
| Grader                       | Diesel | 290 | 0      | 0                 | 0.00262  | 0.00024 | 0.00009 | 0.00008 | 0.00114 | 0.47565 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00        | 0.00          | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.000       | 0.000         | 0.000         |
| Backhoe                      | Diesel | 104 | 0      | 0                 | 0.00178  | 0.00017 | 0.00008 | 0.00007 | 0.00284 | 0.43052 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00        | 0.00          | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.000       | 0.000         | 0.000         |
| Dozer (D8)                   | Diesel | 355 | 0      | 0                 | 0.00321  | 0.00029 | 0.00013 | 0.00012 | 0.00172 | 0.49864 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00        | 0.00          | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.000       | 0.000         | 0.000         |
| Generator (pumps)            | Diesel | 50  | 0      | 0                 | 0.00129  | 0.00011 | 0.00011 | 0.00010 | 0.00258 | 0.35591 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00        | 0.00          | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.000       | 0.000         | 0.000         |
| Vibratory soil compactor     | Diesel | 74  | 0      | 0                 | 0.01245  | 0.00155 | 0.00089 | 0.00082 | 0.00508 | 0.43658 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00        | 0.00          | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.000       | 0.000         | 0.000         |
| Light plant                  | Diesel | 15  | 0      | 0                 | 0.00183  | 0.00019 | 0.00002 | 0.00002 | 0.00254 | 0.35591 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00        | 0.00          | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.000       | 0.000         | 0.000         |
| Air compressor (185 cfm)     | Diesel | 50  | 0      | 0                 | 0.00179  | 0.00014 | 0.00002 | 0.00002 | 0.00235 | 0.35591 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00        | 0.00          | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.000       | 0.000         | 0.000         |
| Welding machine              | Diesel | 20  | 0      | 0                 | 0.00447  | 0.00061 | 0.00021 | 0.00019 | 0.00285 | 0.56383 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00        | 0.00          | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.000       | 0.000         | 0.000         |
| Wheeled loader               | Diesel | 240 | 1      | 8                 | 0.00142  | 0.00015 | 0.00005 | 0.00004 | 0.00093 | 0.42010 | 0.000023 | 0.000011 | 2.73            | 0.29        | 0.10        | 0.08        | 1.79        | 806.6         | 0.044        | 0.022        | 20         | 0.027              | 0.003        | 0.001        | 0.001        | 0.018        | 8.1         | 0.000         | 0.000         |
| Crane (mobile)               | Diesel | 350 | 1      | 4                 | 0.00200  | 0.00019 | 0.00008 | 0.00008 | 0.00107 | 0.33508 | 0.000023 | 0.000011 | 2.80            | 0.27        | 0.11        | 0.11        | 1.50        | 469.1         | 0.032        | 0.016        | 2          | 0.003              | 0.000        | 0.000        | 0.000        | 0.001        | 0.5         | 0.000         | 0.000         |
| Concrete pump                | Diesel | 250 | 0      | 0                 | 0.00009  | 0.00011 | 0.00001 | 0.00001 | 0.00081 | 0.35591 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00        | 0.00          | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.000       | 0.000         | 0.000         |
|                              |        |     |        |                   |  |         |         |         |         |         |          |          | <b>10.29</b>    | <b>1.15</b> | <b>0.36</b> | <b>0.34</b> | <b>7.90</b> | <b>3482.6</b> | <b>0.190</b> | <b>0.094</b> |            | <b>0.078</b>       | <b>0.009</b> | <b>0.003</b> | <b>0.002</b> | <b>0.065</b> | <b>30.6</b> | <b>0.0016</b> | <b>0.0008</b> |

**ON-ROAD SOURCES**

| On Road Sources                                    | Miles/One-way Trip | Average Daily One-way Trips | Emission Factors, grams/mile <sup>2</sup> |         |         |         |         |         |         |         | Pounds/Day      |               |               |               |               |               |               |               | Total Days | Total English Tons |               |               |               |               |             |               |               |       |
|--|--------------------|-----------------------------|---|---------|---------|---------|---------|---------|---------|---------|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------|--------------------|---------------|---------------|---------------|---------------|-------------|---------------|---------------|-------|
|  |                    |                             | NO <sub>x</sub>                           | ROG     | PM10    | PM2.5   | CO      | CO2     | CH4     | N2O     | NO <sub>x</sub> | ROG           | PM10          | PM2.5         | CO            | CO2           | CH4           | N2O           |            | NO <sub>x</sub>    | ROG           | PM10          | PM2.5         | CO            | CO2         | CH4           | N2O           |       |
| Light-duty truck (workers)                         | 20                 | 12                          | 0.15737                                   | 0.03421 | 0.00200 | 0.00184 | 1.78040 | 294.21  | 0.00882 | 0.00720 | 0.0833          | 0.0181        | 0.0011        | 0.0010        | 0.9420        | 155.7         | 0.0047        | 0.0038        | 20         | 0.001              | 0.000         | 0.000         | 0.000         | 0.009         | 1.6         | 0.000         | 0.000         |       |
| Heavy-duty truck (debris/soil to Gold Coast)       | 18                 | 25                          | 1.19277                                   | 0.00956 | 0.01048 | 0.01003 | 0.11083 | 1431.08 | 0.00308 | 0.14960 | 1.1833          | 0.0095        | 0.0104        | 0.0100        | 0.1100        | 1419.7        | 0.0031        | 0.1484        | 20         | 0.012              | 0.000         | 0.000         | 0.000         | 0.001         | 14.2        | 0.000         | 0.001         |       |
| Heavy-duty truck (import from Grimes Rock)         | 41                 | 25.4                        | 1.19277                                   | 0.00956 | 0.01048 | 0.01003 | 0.11083 | 1431.08 | 0.00308 | 0.14960 | 2.7384          | 0.0220        | 0.0241        | 0.0230        | 0.2545        | 3285.5        | 0.0071        | 0.3435        | 20         | 0.027              | 0.000         | 0.000         | 0.000         | 0.003         | 32.9        | 0.000         | 0.003         |       |
| Heavy-duty truck (materials transport)             | 15                 | 2                           | 1.19277                                   | 0.00956 | 0.01048 | 0.01003 | 0.11083 | 1431.08 | 0.00308 | 0.14960 | 0.0789          | 0.0006        | 0.0007        | 0.0007        | 0.0073        | 94.6          | 0.0002        | 0.0099        | 2          | 0.000              | 0.000         | 0.000         | 0.000         | 0.000         | 0.1         | 0.000         | 0.000         |       |
| Heavy-duty truck (concrete from State Ready Mix)   | 26                 | 2                           | 1.19277                                   | 0.00956 | 0.01048 | 0.01003 | 0.11083 | 1431.08 | 0.00308 | 0.14960 | 0.1367          | 0.0011        | 0.0012        | 0.0011        | 0.0127        | 164.1         | 0.0004        | 0.0171        | 1          | 0.000              | 0.000         | 0.000         | 0.000         | 0.000         | 0.1         | 0.000         | 0.000         |       |
| Heavy-duty truck (contaminated water to World Oil) | 95                 | 0                           | 1.19277                                   | 0.00956 | 0.01048 | 0.01003 | 0.11083 | 1431.08 | 0.00308 | 0.14960 | 0.0000          | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0          | 0.000              | 0.000         | 0.000         | 0.000         | 0.000         | 0.000       | 0.000         | 0.000         | 0.000 |
| <b>Totals =&gt;</b>                                |                    |                             |   |         |         |         |         |         |         |         | <b>4.2206</b>   | <b>0.0513</b> | <b>0.0374</b> | <b>0.0358</b> | <b>1.3265</b> | <b>5119.6</b> | <b>0.0153</b> | <b>0.5227</b> |            | <b>0.0402</b>      | <b>0.0005</b> | <b>0.0004</b> | <b>0.0003</b> | <b>0.0131</b> | <b>48.8</b> | <b>0.0001</b> | <b>0.0050</b> |       |

**Off-Road & On-Road Source Totals      14.509      1.200      0.394      0.373      9.223      8602.190      0.2058      0.6163      0.1179      0.0096      0.0029      0.0027      0.0786      79.4      0.0018      0.0058**

Notes:  
<sup>1</sup> Onshore equipment emission factors from OFFROAD 2021 model for Ventura County, year 2024  
<sup>2</sup> On-road emission factors from EMFAC 2021 model for Ventura County, year 2024

**Greenhouse Gas Emissions Summary**

|                   |      |       |             |
|-------------------|------|-------|-------------|
| Metric Tons       | 70.9 | 0.002 | 0.005       |
| CO2E              | 70.9 | 0.044 | 1.406       |
| <b>Total CO2E</b> |      |       | <b>72.3</b> |

**Rincon Phase 2 Decommissioning  
Onshore Pipeline Connections**

**OFF-ROAD SOURCES**

| Source                       | Fuel   | BHP | Number | Average Hours/Day | Emission Factors: pounds/BHP-hr <sup>1,3</sup> |         |         |         |         |         |          |          | Pounds/Day      |             |             |             |             |               |              |              | Total Days | Total English Tons |              |              |              |              |             |               |               |
|------------------------------|--------|-----|--------|-------------------|--|---------|---------|---------|---------|---------|----------|----------|-----------------|-------------|-------------|-------------|-------------|---------------|--------------|--------------|------------|--------------------|--------------|--------------|--------------|--------------|-------------|---------------|---------------|
|                              |        |     |        |                   | NO <sub>x</sub>                                | ROG     | PM10    | PM2.5   | CO      | CO2     | CH4      | N2O      | NO <sub>x</sub> | ROG         | PM10        | PM2.5       | CO          | CO2           | CH4          | N2O          |            | NO <sub>x</sub>    | ROG          | PM10         | PM2.5        | CO           | CO2         | CH4           | N2O           |
| Excavator                    | Diesel | 310 | 1      | 8                 | 0.00096  | 0.00012 | 0.00003 | 0.00003 | 0.00093 | 0.44493 | 0.000023 | 0.000011 | 2.38            | 0.30        | 0.07        | 0.07        | 2.31        | 1103.4        | 0.057        | 0.028        | 10         | 0.012              | 0.001        | 0.000        | 0.000        | 0.012        | 5.5         | 0.000         | 0.000         |
| Drill rig (dewatering wells) | Diesel | 175 | 0      | 0                 | 0.00115  | 0.00014 | 0.00005 | 0.00005 | 0.00328 | 0.58943 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00        | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.0         | 0.000         | 0.000         |
| Grader                       | Diesel | 290 | 0      | 0                 | 0.00262  | 0.00024 | 0.00009 | 0.00008 | 0.00114 | 0.47565 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00        | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.0         | 0.000         | 0.000         |
| Backhoe                      | Diesel | 104 | 0      | 0                 | 0.00178  | 0.00017 | 0.00008 | 0.00007 | 0.00284 | 0.43052 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00        | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.0         | 0.000         | 0.000         |
| Dozer (D8)                   | Diesel | 355 | 0      | 0                 | 0.00321  | 0.00029 | 0.00013 | 0.00012 | 0.00172 | 0.49864 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00        | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.0         | 0.000         | 0.000         |
| Generator (pumps)            | Diesel | 50  | 0      | 0                 | 0.00129  | 0.00011 | 0.00011 | 0.00010 | 0.00258 | 0.35591 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00        | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.0         | 0.000         | 0.000         |
| Vibratory soil compactor     | Diesel | 74  | 0      | 0                 | 0.01245  | 0.00155 | 0.00089 | 0.00082 | 0.00508 | 0.43658 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00        | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.0         | 0.000         | 0.000         |
| Light plant                  | Diesel | 15  | 0      | 0                 | 0.00183  | 0.00019 | 0.00002 | 0.00002 | 0.00254 | 0.35591 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00        | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.0         | 0.000         | 0.000         |
| Air compressor (185 cfm)     | Diesel | 50  | 1      | 8                 | 0.00179  | 0.00014 | 0.00002 | 0.00002 | 0.00235 | 0.35591 | 0.000023 | 0.000011 | 0.72            | 0.06        | 0.01        | 0.01        | 0.94        | 142.4         | 0.009        | 0.005        | 5          | 0.002              | 0.000        | 0.000        | 0.000        | 0.002        | 0.4         | 0.000         | 0.000         |
| Welding machine              | Diesel | 20  | 1      | 8                 | 0.00447  | 0.00061 | 0.00021 | 0.00019 | 0.00285 | 0.56383 | 0.000023 | 0.000011 | 0.72            | 0.10        | 0.03        | 0.03        | 0.46        | 90.2          | 0.004        | 0.002        | 10         | 0.004              | 0.000        | 0.000        | 0.000        | 0.002        | 0.5         | 0.000         | 0.000         |
| Wheeled loader               | Diesel | 240 | 1      | 8                 | 0.00142  | 0.00015 | 0.00005 | 0.00004 | 0.00093 | 0.42010 | 0.000023 | 0.000011 | 2.73            | 0.29        | 0.10        | 0.08        | 1.79        | 806.6         | 0.044        | 0.022        | 20         | 0.027              | 0.003        | 0.001        | 0.001        | 0.018        | 8.1         | 0.000         | 0.000         |
| Crane (mobile)               | Diesel | 350 | 0      | 0                 | 0.00200  | 0.00019 | 0.00008 | 0.00008 | 0.00107 | 0.33508 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00        | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000        | 0.000        | 0.000        | 0.000        | 0.0         | 0.000         | 0.000         |
| Water pump                   | Diesel | 20  | 1      | 8                 | 0.00178  | 0.00010 | 0.00004 | 0.00004 | 0.00221 | 0.35591 | 0.000023 | 0.000011 | 0.28            | 0.02        | 0.01        | 0.01        | 0.35        | 56.9          | 0.004        | 0.002        | 5          | 0.001              | 0.000        | 0.000        | 0.000        | 0.001        | 0.1         | 0.000         | 0.000         |
| Concrete pump                | Diesel | 250 | 1      | 8                 | 0.00009  | 0.00011 | 0.00001 | 0.00001 | 0.00081 | 0.35591 | 0.000023 | 0.000011 | 0.18            | 0.22        | 0.02        | 0.02        | 1.62        | 711.8         | 0.046        | 0.023        | 5          | 0.000              | 0.001        | 0.000        | 0.000        | 0.004        | 1.8         | 0.000         | 0.000         |
| <b>Totals =&gt;</b>          |        |     |        |                   |  |         |         |         |         |         |          |          | <b>7.00</b>     | <b>0.98</b> | <b>0.24</b> | <b>0.22</b> | <b>7.46</b> | <b>2911.4</b> | <b>0.164</b> | <b>0.080</b> |            | <b>0.046</b>       | <b>0.006</b> | <b>0.002</b> | <b>0.001</b> | <b>0.039</b> | <b>16.3</b> | <b>0.0009</b> | <b>0.0004</b> |

**ON-ROAD SOURCES**

| On Road Sources  | Miles/One-way Trip | Average Daily One-way Trips | Emission Factors, grams/mile <sup>2</sup> |         |         |         |         |         |         |         | Pounds/Day      |        |               |               |               |               |               |               | Total Days    | Total English Tons |       |               |               |               |               |               |            |               |               |
|--|--------------------|-----------------------------|---|---------|---------|---------|---------|---------|---------|---------|-----------------|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------------|-------|---------------|---------------|---------------|---------------|---------------|------------|---------------|---------------|
|  |                    |                             | NO <sub>x</sub>                           | ROG     | PM10    | PM2.5   | CO      | CO2     | CH4     | N2O     | NO <sub>x</sub> | ROG    | PM10          | PM2.5         | CO            | CO2           | CH4           | N2O           |               | NO <sub>x</sub>    | ROG   | PM10          | PM2.5         | CO            | CO2           | CH4           | N2O        |               |               |
| Light-duty truck (workers)                             | 20                 | 20                          | 0.15737                                   | 0.03421 | 0.00200 | 0.00184 | 1.78040 | 294.21  | 0.00882 | 0.00720 | 0.1388          | 0.0302 | 0.0018        | 0.0016        | 1.5700        | 259.4         | 0.0078        | 0.0063        | 20            | 0.001              | 0.000 | 0.000         | 0.000         | 0.016         | 2.6           | 0.000         | 0.000      |               |               |
| Heavy-duty truck (structural debris to Std Industries) | 23                 | 2                           | 1.19277                                   | 0.00956 | 0.01048 | 0.01003 | 0.11083 | 1431.08 | 0.00308 | 0.14960 | 0.1210          | 0.0010 | 0.0011        | 0.0010        | 0.0112        | 145.1         | 0.0003        | 0.0152        | 4             | 0.000              | 0.000 | 0.000         | 0.000         | 0.000         | 0.3           | 0.000         | 0.000      |               |               |
| Heavy-duty truck (concrete from State Ready Mix)       | 26                 | 2                           | 1.19277                                   | 0.00956 | 0.01048 | 0.01003 | 0.11083 | 1431.08 | 0.00308 | 0.14960 | 0.1367          | 0.0011 | 0.0012        | 0.0011        | 0.0127        | 164.1         | 0.0004        | 0.0171        | 2             | 0.000              | 0.000 | 0.000         | 0.000         | 0.000         | 0.2           | 0.000         | 0.000      |               |               |
| Heavy-duty truck (contaminated soil to WM)             | 50                 | 0                           | 1.19277                                   | 0.00956 | 0.01048 | 0.01003 | 0.11083 | 1431.08 | 0.00308 | 0.14960 | 0.0000          | 0.0000 | 0.0000        | 0.0000        | 0.0           | 0.0000        | 0.0000        | 0.0000        | 0             | 0.000              | 0.000 | 0.000         | 0.000         | 0.000         | 0.0           | 0.000         | 0.000      |               |               |
| Heavy-duty truck (clean soil from Grimes Rock)         | 41                 | 0                           | 1.19277                                   | 0.00956 | 0.01048 | 0.01003 | 0.11083 | 1431.08 | 0.00308 | 0.14960 | 0.0000          | 0.0000 | 0.0000        | 0.0000        | 0.0           | 0.0000        | 0.0000        | 0.0000        | 0             | 0.000              | 0.000 | 0.000         | 0.000         | 0.000         | 0.0           | 0.000         | 0.000      |               |               |
| Heavy-duty truck (contaminated water to World Oil)     | 95                 | 2                           | 1.19277                                   | 0.00956 | 0.01048 | 0.01003 | 0.11083 | 1431.08 | 0.00308 | 0.14960 | 0.4996          | 0.0040 | 0.0044        | 0.0042        | 0.0464        | 599.4         | 0.0013        | 0.0627        | 2             | 0.000              | 0.000 | 0.000         | 0.000         | 0.000         | 0.6           | 0.000         | 0.000      |               |               |
| <b>Totals =&gt;</b>                                    |                    |                             |   |         |         |         |         |         |         |         |                 |        | <b>0.8961</b> | <b>0.0362</b> | <b>0.0084</b> | <b>0.0080</b> | <b>1.6404</b> | <b>1168.1</b> | <b>0.0097</b> | <b>0.1013</b>      |       | <b>0.0023</b> | <b>0.0003</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0158</b> | <b>3.6</b> | <b>0.0001</b> | <b>0.0002</b> |

**Off-Road & On-Road Source Totals**      **7.899**      **1.011**      **0.247**      **0.224**      **9.102**      **4079.425**      **0.1735**      **0.1818**      **0.0480**      **0.0059**      **0.0016**      **0.0014**      **0.0547**      **20.0**      **0.0010**      **0.0006**

Notes:

<sup>1</sup> Onshore equipment emission factors from OFFROAD 2021 model for Ventura County, year 2024

<sup>2</sup> On-road emission factors from EMFAC 2021 model for Ventura County, year 2024

**Greenhouse Gas Emissions Summary**

|                   |      |       |             |
|-------------------|------|-------|-------------|
| Metric Tons       | 17.8 | 0.001 | 0.001       |
| CO2E              | 17.8 | 0.024 | 0.149       |
| <b>Total CO2E</b> |      |       | <b>18.0</b> |

**Rincon Phase 2 Decommissioning  
Onshore Facility Remediation**

**OFF-ROAD SOURCES**

| Source                       | Fuel   | BHP | Number | Average Hours/Day | Emission Factors: pounds/BHP-hr <sup>1,3</sup> |         |         |         |         |         |          |          | Pounds/Day      |             |             |             |              |               |              |              | Total Days | Total English Tons |       |       |       |       |       |       |              |              |              |              |              |             |               |               |
|------------------------------|--------|-----|--------|-------------------|--|---------|---------|---------|---------|---------|----------|----------|-----------------|-------------|-------------|-------------|--------------|---------------|--------------|--------------|------------|--------------------|-------|-------|-------|-------|-------|-------|--------------|--------------|--------------|--------------|--------------|-------------|---------------|---------------|
|                              |        |     |        |                   | NO <sub>x</sub>                                | ROG     | PM10    | PM2.5   | CO      | CO2     | CH4      | N2O      | NO <sub>x</sub> | ROG         | PM10        | PM2.5       | CO           | CO2           | CH4          | N2O          |            | NO <sub>x</sub>    | ROG   | PM10  | PM2.5 | CO    | CO2   | CH4   | N2O          |              |              |              |              |             |               |               |
| Excavator                    | Diesel | 310 | 1      | 8                 | 0.00096  | 0.00012 | 0.00003 | 0.00003 | 0.00093 | 0.44493 | 0.000023 | 0.000011 | 2.38            | 0.30        | 0.07        | 0.07        | 2.31         | 1103.4        | 0.057        | 0.028        | 31         | 0.037              | 0.005 | 0.001 | 0.001 | 0.036 | 17.1  | 0.001 | 0.000        |              |              |              |              |             |               |               |
| Drill rig (dewatering wells) | Diesel | 175 | 1      | 8                 | 0.00115  | 0.00014 | 0.00005 | 0.00005 | 0.00328 | 0.58943 | 0.000023 | 0.000011 | 1.61            | 0.20        | 0.07        | 0.07        | 4.59         | 825.2         | 0.032        | 0.015        | 2          | 0.002              | 0.000 | 0.000 | 0.000 | 0.005 | 0.8   | 0.000 | 0.000        |              |              |              |              |             |               |               |
| Grader                       | Diesel | 290 | 0      | 0                 | 0.00262  | 0.00024 | 0.00009 | 0.00008 | 0.00114 | 0.47565 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00         | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000 | 0.000 | 0.000 | 0.0   | 0.000 | 0.000 |              |              |              |              |              |             |               |               |
| Backhoe                      | Diesel | 104 | 0      | 0                 | 0.00178  | 0.00017 | 0.00008 | 0.00007 | 0.00284 | 0.43052 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00         | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000 | 0.000 | 0.000 | 0.0   | 0.000 | 0.000 |              |              |              |              |              |             |               |               |
| Dozer (D8)                   | Diesel | 355 | 1      | 8                 | 0.00321  | 0.00029 | 0.00013 | 0.00012 | 0.00172 | 0.49864 | 0.000023 | 0.000011 | 9.12            | 0.82        | 0.37        | 0.34        | 4.88         | 1416.1        | 0.065        | 0.032        | 15         | 0.068              | 0.006 | 0.003 | 0.003 | 0.037 | 10.6  | 0.000 | 0.000        |              |              |              |              |             |               |               |
| Generator (pumps)            | Diesel | 50  | 1      | 24                | 0.00129  | 0.00011 | 0.00011 | 0.00010 | 0.00258 | 0.35591 | 0.000023 | 0.000011 | 1.55            | 0.13        | 0.13        | 0.12        | 3.10         | 427.1         | 0.028        | 0.013        | 45         | 0.035              | 0.003 | 0.003 | 0.003 | 0.070 | 9.6   | 0.001 | 0.000        |              |              |              |              |             |               |               |
| Vibratory soil compactor     | Diesel | 74  | 1      | 8                 | 0.01245  | 0.00155 | 0.00089 | 0.00082 | 0.00508 | 0.43658 | 0.000023 | 0.000011 | 7.37            | 0.92        | 0.53        | 0.49        | 3.01         | 258.5         | 0.014        | 0.007        | 15         | 0.055              | 0.007 | 0.004 | 0.004 | 0.023 | 1.9   | 0.000 | 0.000        |              |              |              |              |             |               |               |
| Light plant                  | Diesel | 15  | 0      | 0                 | 0.00183  | 0.00019 | 0.00002 | 0.00002 | 0.00254 | 0.35591 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00         | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000 | 0.000 | 0.000 | 0.0   | 0.000 | 0.000 |              |              |              |              |              |             |               |               |
| Air compressor (185 cfm)     | Diesel | 50  | 0      | 0                 | 0.00179  | 0.00014 | 0.00002 | 0.00002 | 0.00235 | 0.35591 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00         | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000 | 0.000 | 0.000 | 0.0   | 0.000 | 0.000 |              |              |              |              |              |             |               |               |
| Welding machine              | Diesel | 20  | 0      | 0                 | 0.00447  | 0.00061 | 0.00021 | 0.00019 | 0.00285 | 0.56383 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00         | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000 | 0.000 | 0.000 | 0.0   | 0.000 | 0.000 |              |              |              |              |              |             |               |               |
| Wheeled loader               | Diesel | 240 | 2      | 8                 | 0.00142  | 0.00015 | 0.00005 | 0.00004 | 0.00093 | 0.42010 | 0.000023 | 0.000011 | 5.45            | 0.58        | 0.19        | 0.15        | 3.57         | 1613.2        | 0.088        | 0.043        | 46         | 0.125              | 0.013 | 0.004 | 0.004 | 0.082 | 37.1  | 0.002 | 0.001        |              |              |              |              |             |               |               |
| Crane (mobile)               | Diesel | 350 | 0      | 0                 | 0.00200  | 0.00019 | 0.00008 | 0.00008 | 0.00107 | 0.33508 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00         | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000 | 0.000 | 0.000 | 0.0   | 0.000 | 0.000 |              |              |              |              |              |             |               |               |
| Water pump                   | Diesel | 20  | 0      | 0                 | 0.00178  | 0.00010 | 0.00004 | 0.00004 | 0.00221 | 0.35591 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00         | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000 | 0.000 | 0.000 | 0.0   | 0.000 | 0.000 |              |              |              |              |              |             |               |               |
| Concrete pump                | Diesel | 250 | 0      | 0                 | 0.00009  | 0.00011 | 0.00001 | 0.00001 | 0.00081 | 0.35591 | 0.000023 | 0.000011 | 0.00            | 0.00        | 0.00        | 0.00        | 0.00         | 0.0           | 0.000        | 0.000        | 0          | 0.000              | 0.000 | 0.000 | 0.000 | 0.0   | 0.000 | 0.000 |              |              |              |              |              |             |               |               |
|                              |        |     |        |                   |  |         |         |         |         |         |          |          | <b>27.48</b>    | <b>2.94</b> | <b>1.36</b> | <b>1.24</b> | <b>21.46</b> | <b>5643.5</b> | <b>0.284</b> | <b>0.139</b> |            |                    |       |       |       |       |       |       | <b>0.322</b> | <b>0.034</b> | <b>0.015</b> | <b>0.014</b> | <b>0.251</b> | <b>77.2</b> | <b>0.0042</b> | <b>0.0020</b> |

**ON-ROAD SOURCES**

| On Road Sources  | Miles/One-way Trip | Average Daily One-way Trips | Emission Factors, grams/mile <sup>2</sup> |         |         |         |         |         |         |         | Pounds/Day      |               |               |               |               |              |               |               | Total Days | Total English Tons |       |       |       |       |       |       |               |               |               |               |               |              |               |               |
|--|--------------------|-----------------------------|---|---------|---------|---------|---------|---------|---------|---------|-----------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|------------|--------------------|-------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|
|  |                    |                             | NO <sub>x</sub>                           | ROG     | PM10    | PM2.5   | CO      | CO2     | CH4     | N2O     | NO <sub>x</sub> | ROG           | PM10          | PM2.5         | CO            | CO2          | CH4           | N2O           |            | NO <sub>x</sub>    | ROG   | PM10  | PM2.5 | CO    | CO2   | CH4   | N2O           |               |               |               |               |              |               |               |
| Light-duty truck (workers)                             | 20                 | 28                          | 0.15737                                   | 0.03421 | 0.00200 | 0.00184 | 1.78040 | 294.21  | 0.00882 | 0.00720 | 0.1943          | 0.0422        | 0.0025        | 0.0023        | 2.1980        | 363.2        | 0.0109        | 0.0089        | 370        | 0.036              | 0.008 | 0.000 | 0.000 | 0.407 | 67.2  | 0.002 | 0.002         |               |               |               |               |              |               |               |
| Heavy-duty truck (structural debris to Std Industries) | 23                 | 0                           | 1.19277                                   | 0.00956 | 0.01048 | 0.01003 | 0.11083 | 1431.08 | 0.00308 | 0.14960 | 0.0000          | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0          | 0.0000        | 0.0000        | 0          | 0.000              | 0.000 | 0.000 | 0.000 | 0.000 | 0.0   | 0.000 | 0.000         |               |               |               |               |              |               |               |
| Heavy-duty truck (asphalt to State Ready Mix)          | 26                 | 2.53                        | 1.19277                                   | 0.00956 | 0.01048 | 0.01003 | 0.11083 | 1431.08 | 0.00308 | 0.14960 | 0.1730          | 0.0014        | 0.0015        | 0.0015        | 0.0161        | 207.5        | 0.0004        | 0.0217        | 370        | 0.032              | 0.000 | 0.000 | 0.000 | 0.003 | 38.4  | 0.000 | 0.004         |               |               |               |               |              |               |               |
| Heavy-duty truck (contaminated soil to WM)             | 50                 | 2.03                        | 1.19277                                   | 0.00956 | 0.01048 | 0.01003 | 0.11083 | 1431.08 | 0.00308 | 0.14960 | 0.2669          | 0.0021        | 0.0023        | 0.0022        | 0.0248        | 320.2        | 0.0007        | 0.0335        | 370        | 0.049              | 0.000 | 0.000 | 0.000 | 0.005 | 59.2  | 0.000 | 0.006         |               |               |               |               |              |               |               |
| Heavy-duty truck (clean soil from Grimes Rock)         | 41                 | 0                           | 1.19277                                   | 0.00956 | 0.01048 | 0.01003 | 0.11083 | 1431.08 | 0.00308 | 0.14960 | 0.0000          | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0          | 0.0000        | 0.0000        | 0          | 0.000              | 0.000 | 0.000 | 0.000 | 0.0   | 0.000 | 0.000 |               |               |               |               |               |              |               |               |
| Heavy-duty truck (contaminated water to World Oil)     | 95                 | 0                           | 1.19277                                   | 0.00956 | 0.01048 | 0.01003 | 0.11083 | 1431.08 | 0.00308 | 0.14960 | 0.0000          | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0          | 0.0000        | 0.0000        | 0          | 0.000              | 0.000 | 0.000 | 0.000 | 0.0   | 0.000 | 0.000 |               |               |               |               |               |              |               |               |
| <b>Totals =&gt;</b>                                    |                    |                             |   |         |         |         |         |         |         |         | <b>0.6342</b>   | <b>0.0458</b> | <b>0.0063</b> | <b>0.0060</b> | <b>2.2389</b> | <b>891.0</b> | <b>0.0120</b> | <b>0.0641</b> |            |                    |       |       |       |       |       |       | <b>0.1173</b> | <b>0.0085</b> | <b>0.0012</b> | <b>0.0011</b> | <b>0.4142</b> | <b>164.8</b> | <b>0.0022</b> | <b>0.0119</b> |

**Off-Road & On-Road Source Totals**      28.113      2.989      1.371      1.250      23.697      6534.476      0.2961      0.2027      0.4397      0.0426      0.0165      0.0148      0.6655      242.0      0.0064      0.0139

Notes:

- <sup>1</sup> Onshore equipment emission factors from OFFROAD 2021 model for Ventura County, year 2024
- <sup>2</sup> On-road emission factors from EMFAC 2021 model for Ventura County, year 2024

**Greenhouse Gas Emissions Summary**

|                   |              |       |       |
|-------------------|--------------|-------|-------|
| Metric Tons       | 216.1        | 0.006 | 0.012 |
| CO2E              | 216.1        | 0.159 | 3.385 |
| <b>Total CO2E</b> | <b>219.6</b> |       |       |

**Rincon Phase 2 Decommissioning  
Air Pollutant and Greenhouse Gas Emissions Totals**

| Task                         | Average Pounds/Day |      |      |       |       | Total English Tons |             |             |             |             | Metric Tons   |              |              |               |
|------------------------------|--------------------|------|------|-------|-------|--------------------|-------------|-------------|-------------|-------------|---------------|--------------|--------------|---------------|
|                              | NOx                | ROG  | PM10 | PM2.5 | CO    | NOx                | ROG         | PM10        | PM2.5       | CO          | CO2           | CH4          | N2O          | CO2E          |
| Island Decommissioning       | 35.80              | 3.51 | 1.49 | 1.38  | 21.27 | 2.295              | 0.218       | 0.079       | 0.072       | 1.600       | 766.1         | 0.026        | 0.039        | 777.5         |
| SCC Parcel Improvements      | 14.51              | 1.20 | 0.39 | 0.37  | 9.22  | 0.118              | 0.010       | 0.003       | 0.003       | 0.079       | 70.9          | 0.002        | 0.005        | 72.3          |
| Onshore Pipeline Connections | 7.90               | 1.01 | 0.25 | 0.22  | 9.10  | 0.048              | 0.006       | 0.002       | 0.001       | 0.055       | 17.8          | 0.001        | 0.001        | 18.0          |
| Onshore Facility Remediation | 28.11              | 2.99 | 1.37 | 1.25  | 23.70 | 0.440              | 0.043       | 0.017       | 0.015       | 0.666       | 216.1         | 0.006        | 0.012        | 219.6         |
| <b>Total</b>                 |                    |      |      |       |       | <b>2.90</b>        | <b>0.28</b> | <b>0.10</b> | <b>0.09</b> | <b>2.40</b> | <b>1070.9</b> | <b>0.034</b> | <b>0.057</b> | <b>1087.5</b> |

| Peak Day               | NOx   | ROG  | PM10 | PM2.5 | CO    |
|------------------------|-------|------|------|-------|-------|
| Island Decommissioning | 35.80 | 3.51 | 1.49 | 1.38  | 21.27 |

| Peak 12-month Period |
|----------------------|
| 777.5                |