

ATTACHMENT E
Revised AQ, GHG, Energy Emissions Tables and CalEEMod
Assumptions

Table 5.3-5: Unmitigated Daily Construction Emissions

Source	Daily Emissions (lbs/day)		
	ROG	NO _x	PM ₁₀
Off-road Equipment	12.44	131.37	7.85
Mobile Sources	<u>1.591.04</u>	<u>42.6023.40</u>	<u>3.912.59</u>
Fugitive Dust	0.00	0.00	0.78
Project Total	<u>14.0413.49</u>	<u>173.97154.77</u>	<u>12.5311.22</u>
PCAPCD Threshold	82	82	82
Exceeds Threshold?	No	Yes	No

Notes:

lbs/day = pounds per day

NO_x = nitrogen oxide

PCAPCD = Placer County Air Pollution Control District

PM₁₀ = particulate matter with an aerodynamic diameter of 10 micrometers or less

ROG = reactive organic gas

Table 5.3-6: Mitigated Daily Construction Emissions

Source	Daily Emissions (lbs/day)		
	ROG	NO _x	PM ₁₀
Off-road Equipment	4.86	27.42	3.42
Mobile Sources	<u>1.591.04</u>	<u>42.6023.40</u>	<u>3.912.59</u>
Fugitive Dust	0.00	0.00	0.78
Project Total	<u>6.465.91</u>	<u>70.0250.82</u>	<u>8.106.79</u>
PCAPCD Threshold	82	82	82
Exceeds Threshold?	No	No	No

Notes:

lbs/day = pounds per day

NO_x = nitrogen oxide

PCAPCD = Placer County Air Pollution Control District

PM₁₀ = particulate matter with an aerodynamic diameter of 10 micrometers or less

ROG = reactive organic gas

Table 5.6-1: Project Construction Fuel Consumption

Source	Fuel Consumption (gallons)
Off-road Equipment	159,384
Heavy Duty Trucks	<u>20,257,477.701</u>
Worker Vehicles	14,134
Project Total	<u>193,775,221,219</u>
2018 Diesel Fuel Data for Lassen County ¹	2,083,333
Percentage of County	<u>9.310.6%</u>

1. Diesel is adjusted to account for retail (48 percent) and non-retail (52 percent) diesel sales.

Source: CEC 2020

Table 5.8-2: Project Annual Construction GHG Emissions

Source	MTCO ₂ e/year
Off-road Equipment	1,457.31
Mobile	<u>350.31658.52</u>
Project Total	<u>1,807.622,115.83</u>
30-Year Amortization	<u>60.2570.53</u>
PCAPCD Threshold	10,000
Exceeds Threshold?	No
Source: PCAPCD 2016	