APPENDIX B

CalEEMod Output Files

Project	Earliest Potential Construction Start Year	Anticipated Construction Duration	Demolition Quantities	CalEEMod Land Use Category	Acres/Square Feet Details	Increase in Operational Emissions Sources?	Other Notes
Pier & Grand Avenue Entrances and Lifeguard Towers	2021	3 months	50 cy / 60 tons Uses CalRecycle Volume to Weight Estimates of 2,400 pounds per CY for Debris Waste, Asphalt or Concrete Loose C&D	Improved entrance buildings and lifeguard towers - modeled together as "General Office Building"	206 sq. ft entrance kiosks + life guard towers.	No, replacement and improvement of existing.	While construction is at two locations, modeled total emissions for this improvement projects as one emissions model run to demonstrate total potential emissions within the Park area from this activity.
Trash Enclosure at Post 2 / Beach Trash Management	2021	3 months	None	User Defined Recreation	1,188 sq. ft (estimated up to 6 dumpsters, 3 long and 2 wide, 20 ft by 6 ft per dumpster, +10% space, per graphic in PD).	No, new enclosure with no operational emissions. No change in vehicle activity to dispose of trash.	Added welder to default equipment. Removed concrete/industrial saw from grading phase. Increased worker trips from default during building construction and added haul truck trips to account for material deliveries.
North Beach Campground Facility Improvements	2022	6 months	50 cy / 60 tons Uses CalRecycle Volume to Weight Estimates of 2,400 pounds per CY for Debris Waste, Asphalt or Concrete Loose C&D	General Office	Replacement kiosk, parking, and surrounding area. Including paved areas. 290 sq. ft building. 0.53-acre site.	No, replacement and improvement of existing.	Reduced equipment to 1 cement & mortar mixer (from 3) on-site daily for the 0.5-acre site. Reduced forklifts and tractors/loaders/backhoes to 1 each on-site daily for the 260 sq. ft kiosk and 0.5-acre site. Reduced equipment to 1 cement & mortar mixer (from 3) on-site daily for the 0.5-acre site. Added building construction phase and architectural coating phase worker trips proportional to the number of equipment pieces. Added vendor trips to account for water trucks.
Oceano Campground Campfire Center Replacement	2022	3 months	32 tons - Assume approximately 75% of nearly 1,000 sq. ft area includes material for demolition; assume average of 1-yard vertical average of materials = 58 CY. Uses CalRecycle Volume to Weight estimates of 400 pounds per CY for Construction Debris Wood, increased 100% for potential compaction/moisture.	User Defined Recreation	0.02 acres, open-space with stage, benches, etc.; no enclosed buildings.	No, replacement and improvement of existing.	Adjusted construction phase durations proportionally for 3-month construction duration. Added building construction phase and architectural coating phase worker trips proportional to the number of equipment pieces. Added haul trips for larger deliveries.
Replacement of the Safety and Education Center	2022	3 months	No formal demolition, but haul trucks added to account for removal of on-site materials.	User Defined Recreation	Assume kiosk replaced is similar in size to other kiosks modeled. (290 sq. ft), added additional area for signage, etc.	No, replacement and improvement of existing.	Building construction is more of freestanding enclosure and signage support. Reduced tractor/loader/backhoe to 1 for 8 hours per day and added welder. Increased building construction phase and architectural coating phase worker trips proportional to the number of equipment pieces. Added haul trips during site preparation phase for material removed and vendor trips to account for material deliveries.
Pismo State Beach Boardwalk	2022	6 months	None	Other Non-Asphalt Surfaces	Approximately 9 acre site, primarily linear.	No	No demo or paving. Adjusted default construction phase durations proportionally for an estimated 6-month construction duration. Linear construction, reduced total equipment to 2 pieces of each equipment type operating on-site full time on a given day. Adjusted building construction worker trips to 1.5 workers per equipment piece (consistent with CalEEMod default for other phases) and Architectural Coasting worker trips to assume 20% of Building Construction trips (consistent with CalEEMod defaults). Modeled vendor trips as haul truck total for phase, as they would not all come as a daily trips throughout entire phase.
Butterfly Grove Public Access	2023	3 months	20 cy / 24 tons Uses CalRecycle Volume to Weight Estimates of 2,400 pounds per CY for Debris Waste, Asphalt or Concrete Loose C&D	General Office; Parking Lot	450 sq. ft visitor concession, kiosk, restrooms; 0.13 acres paving, including parking.	No, replacement and improvement of existing.	Reduced building construction phase to get to 3 month total duration. Increase vendor and haul trips slightly, no calculation for this, just to accommodate a bit more vehicle activity over the project duration.
Oceano Campground Infrastructure Improvement	2024	9 months	100 cy / 120 tons Uses CalRecycle Volume to Weight Estimates of 2,400 pounds per CY for Debris Waste, Asphalt or Concrete Loose C&D	Other Non-Asphalt Surfaces; Other Asphalt Surfaces.	3.4 acres total site; 1.95 acre paved area; 1.45 acres other area. Although design indented to avoid middle island, conservatively assuming within constructional area.	No, replacement and improvement of existing.	*No physical buildings being constructed, so removed building construction phase and proportionally increased other phases to account for 9-month construction duration. * Adjusted vendor and haul truck trips manually to account for water trucks and some material deliveries during site prep and grading.
40-Acre Riding Trail Installation	2024	6 months	None	User Defined Recreation	2 miles of trail, appx 20' wide = 4.8 acres.	No increase in overall operations, as it accommodates riding area that has been reduced due to closure of another area.	Increased worker trips for Building Construction (fence installation) and added vendor trips for material delivery. Site preparation would include manual work and mechanical, primarily light equipment. Reduced CalEEMod maximum daily on-site equipment to reflect this.
Oso Flaco Boardwalk Replacement	2024	6 months	6,757 sq. ft * 2 ft dimension = 13,514 cf = 500 cy Uses CalRecycle Volume to Weight estimates of 400 pounds per CY for Construction Debris Wood, increased 100% for moisture.	User Defined Recreation	Boardwalk segment spans approximately 940 linear feet, comprising approximately 6,757 sq. ft.	No, replacement and improvement of existing infrastructure.	Primarily spanning wetland area/over the lake. No typical site prep, grading, paving, arch coating as land use development. Removed dozers from default equipment, added crane and other material handling equipment to demolition phase, and added bore/drill rig to Building Construction phase.
Park Corporation Yard Improvement (Phase 1)	2025	9 months	300 cy / 360 tons Uses CalRecycle Volume to Weight Estimates of 2,400 pounds per CY for Debris Waste, Asphalt or Concrete Loose C&D	Parking Lot; General Office; Other Asphalt Paved Areas	Up to 4.17 acres repaving parking lot (assumes entire existing parking lot to be repaved); New buildings about 4,320 sq. ft + 2,160 sq. ft = 6,480 sq. ft; Access road and pedestrian trail about 0.8 acres total.	Yes. Some improvement to existing infrastructure, plus some new buildings. No net increase in visitor or staff vehicle use activity. No net increase in visitor or staff vehicle use activity.	Reduced building construction default phase duration to reflect anticipated 9-month construction duration. Utilized most recent (2018) PG&E emissions intensity factor for CO2 for GHG emissions estimates associated with energy. Accounted for increase in Title 25 energy efficiency from 2016 CalEEMod default date via the mitigation screen (30% increase in energy efficiency, per CEC estimates).
Park Corporation Yard Improvement (Phase 2)	2025/2026 (after completion of Phase 1)	6 months	Accounted for in Phase 1	General Office	Design still pending. Additional building estimated at double the single-story building in Phase 1 = 8,640 sq. ft.	Yes, new building. No net increase in visitor or staff vehicle use activity. No net increase in visitor or staff vehicle use activity.	Design pending, but assumed approximately double the size of the Phase 1 building for the two-story building under Phase 2. Captured all demo and paving under Phase 1 for whole site. Increased construction phase durations proportionally from defaults to account for estimated 9-month construction. Increased default building construction and architectural coating worker trips proportionally to the number of equipment pieces. Utilized most recent (2018) PG&E emissions intensity factor for CO2 for GHG emissions estimates associated with energy. Accounted for increase in Title 25 energy efficiency from 2016 CalEEMod default date via the mitigation screen (30% increase in energy efficiency, per CEC estimates).

Project	Earliest Potential Construction Start Year	Anticipated Construction Duration	Demolition Quantities	CalEEMod Land Use Category	Acres/Square Feet Details	Increase in Operational Emissions Sources?	Other Notes
Oso Flaco (Initial) Improvement (Note that max daily assumes overlap of maximum trails/vegetation daily and maximum other construction daily emissions)	2026	2 years	50 cy / 60 tons Uses CalRecycle Volume to Weight Estimates of 2,400 pounds per CY for Debris Waste, Asphalt or Concrete Loose C&D	User Defined Recreation; General Office; Parking Lot; Other Asphalt Surfaces; Other Non-Asphalt Surfaces	Modeled as two runs, one for vegetation clearance/planting and trail installation; second for more facility and hardscape construction. Entry kiosk, staff and maintenance facilities, building with restrooms, etc. all modeled as General Office of abt 3,650 sq. ft.; Parking, roadway paving, underground utility installation, other paved areas, all included with other asphalt surfaces. 126-acre site, approximately 34 acres of development in "Future" Improvements Projects	Yes. But no net increase in visitor or staff vehicle use activity. No net increase in visitor or staff vehicle use activity.	Assumed overlap of the two CalEEMod runs for initial vegetation/trail work and construction of site, in order to estimate maximum potential daily and quarterly emissions. Added Vendor trips to account for water trucks. Utilized most recent (2018) PG&E emissions intensity factor for CO2 for GHG emissions estimates associated with energy. Accounted for increase in Title 25 energy efficiency from 2016 CalEEMod default date via the mitigation screen (30% increase in energy efficiency, per CEC estimates).
Oso Flaco (Future) Improvement	2028	3 years	Accounted for in Phase 1	General Office for buildings, kiosk; Mobile home park for cabins/housing; Other Asphalt Surfaces for additional paved areas including roads and parking; Convenience Market for concessions/conveniences store City Park for additional camping and trails.	Approximately 34 acres of additional buildings, camping, trails, supporting infrastructure.	Yes. But no net increase in visitor or staff vehicle use activity. No net increase in visitor or staff vehicle use activity.	Relatively flat site, therefore minimal grading and site prep, also accommodated mostly during Initial phase. Reduced default equipment for these two phases to reflect activity include light grading, light equipment, hand crews and a few trucks. Added Vendor trips to account for water trucks. Reduced building construction and architectural coating worker trips (from over 600 and 100 daily, respectively) to be proportional with the number of equipment pieces. Reduced vendor trips during Building Construction from over 200 daily to 24 daily. Utilized most recent (2018) PG&E emissions intensity factor for CO2 for GHG emissions estimates associated with energy. Accounted for increase in Title 25 energy efficiency from 2016 CalEEMod default date via the mitigation screen (30% increase in energy efficiency, per CEC estimates).
Pismo Creek Estuary Seasonal (Floating) Bridge Installation	Annually	3 days	None	User Defined Recreation	Bridge primarily extends across creek, minimal on-land site area for bridge installation. 0.1 acres.	None. Would occur annually, so accounted for criteria air pollutant and greenhouse gas emissions as occurring in each year of construction and overlapping with other site-specific projects to estimate maximum daily and quarterly.	Bridge is floating and only "construction" is to anchor the abutments. Project description states hand tool and /or a small excavator type equipment would be used. Increased worker trips, added vendor trips to deliver pieces, and 1 haul truck.

Maximum Daily Construction-Related Emissions Summary (emissions shown in pounds per day)

Project	Construction Start Year	Construction Duration	ROG + NO_x (combined)	Diesel Particulate Matter (DPM)
Pier & Grand Avenue Entrances and Lifeguard Towers	2021	3 months	20.18	0.45
Trash Enclosure at Post 2 / Beach Trash Management	2021	3 months	8.67	0.41
North Beach Campground Facility Improvements	2022	6 months	8.69	0.34
Oceano Campground Campfire Center Replacement	2022	3 months	9.20	0.37
Replacement of the Safety and Education Center	2022	3 months	10.93	0.35
Pismo State Beach Boardwalk	2022	6 months	39.37	1.02
Butterfly Grove Public Access	2023	3 months	11.17	0.36
Oceano Campground Infrastructure Improvement	2024	9 moonths	30.40	1.23
40-Acre Riding Trail Installation	2024	6 months	3.25	0.14
Oso Flaco Boardwalk Replacement	2024	6 months	4.50	0.29
Park Corporation Yard Improvement (Phase 1)	2025	9 months	37.54	1.09
Park Corporation Yard Improvement (Phase 2)	2025/2026	6 months	38.45	0.24
Oso Flaco (Initial) Improvement (Note that max daily assumes overlap of maximum trails/vegetation daily and maximum other construction daily emissions)	2026	2 years	38.50	1.31
Oso Flaco (Future) Improvement	2028	3 years	29.18	0.53
Pismo Creek Estuary Seasonal (Floating) Bridge Installation	Annually	3 days	4.50	0.11
		Maximum Daily Emissions	80.49	2.19
		SLOAPCD-Recommended Threshold	137	7
		Threshold Exceeded in Any Year?	No	No

Maximum Quarterly Construction-Related Emissions Summary (emissions shown in tons)

Project	Construction Start Year	Construction Duration	ROG + Nox Combined	DPM	Fugitive (PM_{10})	CO2e metric tons per year
Pier & Grand Avenue Entrances and Lifeguard Towers	2021	3 months	0.3072	0.0136	0.0067	38.4
Trash Enclosure at Post 2 / Beach Trash Management	2021	3 months	0.2698	0.0128	0.0039	31.8
North Beach Campground Facility Improvements	2022	6 months	0.1832	0.0145	0.0070	46.9
Oceano Campground Campfire Center Replacement	2022	3 months	0.2395	0.0111	0.0053	34.4
Replacement of the Safety and Education Center	2022	3 months	0.2434	0.0103	0.0049	32.3
Pismo State Beach Boardwalk	2022	6 months	0.5242	0.0373	0.1671	132.4
Butterfly Grove Public Access	2023	3 months	0.2230	0.0092	0.0037	34.7
Oceano Campground Infrastructure Improvement	2024	9 months	0.7949	0.0322	0.1379	217.2
40-Acre Riding Trail Installation	2024	6 months	0.1045	0.0125	0.0057	58.9
Oso Flaco Boardwalk Replacement	2024	6 months	0.4349	0.0421	0.0082	156.0
Park Corporation Yard Improvement (Phase 1)	2025	9 months	0.6474	0.0240	0.1713	297.3
Park Corporation Yard Improvement (Phase 2)	2025	9 months	0.2784	0.0066	0.0079	70.6
Oso Flaco (Initial) Improvement	2026	1 to 2 years	0.9175	0.0546	0.2670	870.7
Oso Flaco (Future) Improvement	2028	2 to 3 years	0.5131	0.0692	0.0744	1039.9
Pismo Creek Estuary Seasonal (Floating) Bridge Installation	Annually	3 days	0.0129	0.0003	0.0005	2.8
		Maximum Quarterly Emissions	1.35	0.09	0.27	1042.7
		SLOAPCD-Recommended Threshold	2.5	0.13	0.32	-
		Threshold Exceeded in Any Year?	No	No	No	-

Maximum Quarterly DPM and Fugitive Dust Calculations:

In the case of 3-month construction durations and where longer projects' total annual emissions did not exceed thresholds, the total annual DPM and Fugitive Dust emissions were used. In cases where total annual would innacurately represent an exceedance of quarterly thresholds, the maximum quarterly emissions were estimated based upon the CalEEMod phases and emissions per phase.

Pismo State Beach Boardwalk	Dates	Phase	DPM	Fug Dust		Quarter	DPM	Fug Dust
Site Prep	Jan 1 to Jan 6	Q1	0.00203	0.09049		1	0.0373008	0.1671191
Grading	Jan 7 to Jan 19	Q1	0.00383	0.06606		2	0.0043292	0.0015509
Bldg Const	Jan 20 to June 17	Q1/Q2	0.0354	0.0119				
Arch Coating	June 18 to June 30	Q2	0.00037	0.00022		Max	0.0373008	0.1671191
			0.04163	0.16867				
Oceano Campground Phases	Dates	Phase	DPM	Fug Dust		Quarter	DPM	Fug Dust
Demo	Jan 1 - March 19	Q1	0.02743	0.00603		1	0.0322189	0.0770856
Site Prep	March 20 to April 8	Q2	0.00862	0.1279		2	0.0191235	0.1378551
Grading	April 9 to Mary 9	Q2	0.00835	0.07737		3	0.0048676	0.0046793
Paving	May 10 to July 19	Q2/Q3	0.01024	0.00537		Max	0.0322189	0.1378551
Arch Coating	July 20 to Sep 30	Q3	0.00157	0.00295				
			0.05621	0.21962				
Park Corporation Yard Phase 1 Phases	Dates	Phase	DPM	Fug Dust		Quarter	DPM	Fug Dust
Demo	Jan 1 to Jan 28 2025	Q1	0.00855	0.00573		1	0.0239733	0.17128
Site Prep	Jan 29 to Feb 22 2025	Q1	0.00543	0.09117		2	0.0176943	0.0350743
Grading	Feb 12 to March 11 2025	Q1	0.00624	0.06694		3	0.0114324	0.0165457
Bldg Cont	March 12 to Aug 5 2025	Q1, Q2, Q3	0.02815	0.0558		Max	0.0239733	0.17128
Paving	Aug 6 to Sep 2	Q3	0.0042	0.00143				
Arch Coating	Sep 3 to Sep 30	Q3	0.00053	0.00183				
			0.0531	0.2229				
Oso Flaco Initial	Dates	Phase	DPM	Fug Dust		Quarter	DPM	Fug Dust
Demo	April 1 to May 6 2026	Q2	0.01111	0.00271		1	0.0142	0.04265
Site Prep	May 7 to May 26 2026	Q2	0.00762	0.12777		2	0.04167	0.26698
Grading	May 27 to July 3 2026	Q2	0.00874	0.09385		3	0.03465	0.0852
Bldg Cont 2026	July 4 to Dec 31 2026	Q3, Q4	0.03465	0.0852		4	0.03465	0.0852
Bldg Cont 2027	Jan 1 to October 12 2027	Q1b, Q2b, Q3b	0.05457	0.1341		1b	0.05457	0.1341
Paving	Oct 13 to Nov 22 2027	Q4b	0.00608	0.00209		2b	0.05457	0.1341
Arch Coating	Nov 23 to Dec 31 2027	Q4b	0.00077	0.00321		3b	0.05457	0.1341
			0.12354	0.44893		4b	0.00077	0.00321
						Max	0.05457	0.26698

Maximum Daily Operational Emissions

Project	ROG + NOx Combined (pounds/day)	DPM (pounds/day)	Fugitive Dust PM_{10} (pounds/day)	Carbon Monoxide (pounds/day)
Park Corporation Yard Phase 1	0.313	0.002	0.000	0.025
Park Corporation Yard Phase 2	0.264	0.002	0.000	0.023
Oso Flaco Initial Improvement	0.242	0.001	0.000	0.011
Oso Flaco Future Improvement	1.120	0.015	0.000	0.168
Total	1.938	0.020	0.000	0.227
Threshold	25	1.250	25	550
Exceed Threshold?	No	No	No	No

Annual Operational Emissions

Project	ROG + NOx Combined (tons/year)	Fugitive Dust PM10 (tons/year)
Park Corporation Yard Phase 1	0.057	0
Park Corporation Yard Phase 2	0.048	0
Oso Flaco Initial Improvement	0.044	0
Oso Flaco Future Improvement	0.203	0
Total	0.352	0
Threshold	25	25
Exceed Threshold?	No	No

GHG Construction-Related Emissions Summary

Site-Specific Project	Earliest Anticipated Construction Start Year	Approximately Construction Duration	GHG Emissions (Metric Tons CO_2e)	Sequestration Loss (Metric Tons CO2e)
Pier & Grand Avenue Entrances and Lifeguard Towers	2021	3 months	38	0.00
Trash Enclosure at Post 2 / Beach Trash Management	2021	3 months	32	0.00
North Beach Campground Facility Improvements	2022	6 months	47	0.00
Oceano Campground Campfire Center Replacement	2022	3 months	34	-1.18
Replacement of the Safety and Education Center	2022	3 months	32	0.00
Pismo State Beach Boardwalk	2022	6 months	132	-112.68
Butterfly Grove Public Access	2023	3 months	35	-22.54
Oceano Campground Infrastructure Improvement	2024	9 months	217	-68.27
40-Acre Riding Trail Installation	2024	6 months	59	-68.64
Oso Flaco Boardwalk Replacement	2024	6 months	156	0.00
Park Corporation Yard Improvement (Phase 1)	2025	9 months	297	-50.70
Park Corporation Yard Improvement (Phase 2)	2025	3 months	71	accounted for under phase 1
Oso Flaco (Initial) Improvement	2026	2 years	871	-843.95
Oso Flaco (Future) Improvement	2028	3 years	1,040	accounted for under phase 1
Pismo Creek Estuary Seasonal (Floating) Bridge Installation	Twice Annually	3 days	6	0.00
		Total Greenhouse Gas Emission	3,067	-1,167.97
		Average Annual GHG Emissions	383	
		Amortized Greenhouse Gas Emissions (over 25 years)	123	-46.72

Overall GHG Emissions Summary

Emissions Source	Metric Tons CO2e per Year
Amortized Construction Emissions	123
Amortized Carbon Sequestration Loss	47
Operational GHG Emissions	
Park Corporation Yard Phase 1	35.56
Area	0.00
Energy	29.78
Waste	3.03
Water	2.74
Park Corporation Yard Phase 2	30.95
Area	0.00
Energy	23.41
Waste	3.96
Water	3.57
Oso Flaco Initial Improvements	13.89
Area	0.00
Energy	10.65
Waste	1.70
Water	1.54
Oso Flaco Future Improvements	59.05
Area	0.46
Energy	36.81
Waste	11.46
Water	10.32
Operational	139.45
Total Annual Emissions	309

Construction-Related Fuel Demand Summary

Site-Specific Project	Anticipated Construction Duration	Demo	Total MT CO_2e per Year	Predominant Fuel Type	Factor (MT CO2/Gallon) b	Gallons per Year
Pier & Grand Ave. Entrances and Lifeguard Towers	3 months					
Off-road		2.6145	31.13	Diesel	0.01016	3,064
Haul		0.2286	0.23	Diesel	0.01016	23
Vendor		0.1915	3.33	Diesel	0.01016	328
Worker		0.1946	3.68	Gasoline	0.008887	414
Trash Enclosure at Post 2 / Beach Trash Management	3 months					
Off-road		-	28.65	Diesel	0.01016	2,819
Haul		-	0.76	Diesel	0.01016	75
Vendor		-	0.00	Diesel	0.01016	0
Worker		-	2.44	Gasoline	0.008887	274
North Beach Campground Facility Improvements	6 months					
Off-road		2.6145	31.13	Diesel	0.01016	3,064
Haul		0.2285	0.23	Diesel	0.01016	22
Vendor		0.1915	3.41	Diesel	0.01016	336
Worker		0.1946	3.77	Gasoline	0.008887	424
Oceano Campground Campfire Center Replacement	3 months					
Off-road		2.6154	30.61	Diesel	0.01016	3,013
Haul		0.1129	0.49	Diesel	0.01016	48
Vendor		0	0.00	Diesel	0.01016	0
Worker		0.1877	3.30	Gasoline	0.008887	371
Replacement of the Safety and Education Center	3 months					
Off-road		2.0989	27.83	Diesel	0.01016	2,739
Haul		0.0753	0.23	Diesel	0.01016	22
Vendor		0	1.03	Diesel	0.01016	101
Worker		0.1501	3.24	Gasoline	0.008887	365
Pismo State Beach Boardwalk	3 months					
Off-road		-	120.43	Diesel	0.01016	11,854
Haul		-	2.41	Diesel	0.01016	237
Vendor		-	0.00	Diesel	0.01016	0
Worker		-	9.59	Gasoline	0.008887	1,080
Butterfly Grove Public Access	3 months					
Off-road		5.2326	29.98	Diesel	0.01016	2,951
Haul		0.2197	0.22	Diesel	0.01016	22
Vendor		0.3714	2.92	Diesel	0.01016	287
Worker		0.3612	1.23	Gasoline	0.008887	138
Oceano Campground Infrastructure Improvement	9 months					
Off-road		97.5664	200.01	Diesel	0.01016	19,686
Haul		0.4363	0.44	Diesel	0.01016	43
Vendor		2.1208	6.08	Diesel	0.01016	599
Worker		2.9684	10.71	Gasoline	0.008887	1,205
40-Acre Riding Trail Installation	6 months					
Off-road		-	51.30	Diesel	0.01016	5,050
Haul		-	0.00	Diesel	0.01016	0
Vendor		-	4.28	Diesel	0.01016	421
Worker		-	3.33	Gasoline	0.008887	375
Oso Flaco Boardwalk Replacement	6 months					
Off-road		77.6453	150.62	Diesel	0.01016	14,824
Haul		0.7272	0.73	Diesel	0.01016	72
Vendor		0	0.60	Diesel	0.01016	60
Worker		3.3851	4.06	Gasoline	0.008887	457
Park Corporation Yard Improvement (Phase 1)	9 months					
Off-road		34.235	222.60	Diesel	0.01016	21,909
Haul		1.3006	1.30	Diesel	0.01016	128
Vendor		0	35.95	Diesel	0.01016	3,538
Worker		0.9998	37.41	Gasoline	0.008887	4,209
Park Corporation Yard Improvement (Phase 2)	9 months					
Off-road		-	63.41	Diesel	0.01016	6,242
Haul		-	0.00	Diesel	0.01016	0
Vendor		-	1.12	Diesel	0.01016	110
Worker		-	6.08	Gasoline	0.008887	684
Oso Flaco (Initial) Improvement	2 years					
Off-road		44.5055	525.13	Diesel	0.01016	51,686
Haul		0.2155	0.22	Diesel	0.01016	21
Vendor		0.4788	138.45	Diesel	0.01016	13,627
Worker		1.2514	127.78	Gasoline	0.008887	14,379
Oso Flaco (Future) Improvement	3 years					
Off-road		-	850.74	Diesel	0.01016	83,734
Haul		-	0.00	Diesel	0.01016	0
Vendor		-	134.78	Diesel	0.01016	13,266
Worker		-	54.36	Gasoline	0.008887	6,117
Pismo Creek Estuary Seasonal (Floating) Bridge	6 days					
Off-road		-	1.38	Diesel	0.01016	136
Haul		-	0.08	Diesel	0.01016	8
Vendor		-	1.15	Diesel	0.01016	113
Worker		-	0.19	Gasoline	0.008887	21
				Total Gallons	Diesel	251,065
					Gasoline	30,056
				Average Annual Demand (over 8-year construction timeline)	Diesel	31,383
					Gasoline	3,757

Notes:
CO2 = carbon dioxide; CO2e = carbon dioxide equivalent; MT = metric tons
Sources:
a Modeled by AECOM in 2020; See Appendix B for detailed modeling inputs and calculations.
b U.S. Energy Information Administration 2016

Operational Energy Summary

Project	Electricity (kWh/year)	Natural Gas (kBTU/year)
Park Corporation Yard Phase 1	179,114	106,078
Park Corporation Yard Phase 2	135,335	97,095
Oso Flaco Initial Improvements	62,658	41,891
Oso Flaco Future Improvements	162,933	277,536
Total	540,039	522,600

Note that the CalEEMod "mitigated" scenario is used to inform energy demand without mitigation, as this scenario represents operation of the new buildings and facilities that would meet current Title 25 Standards, which are more energy efficient than the 2016 standards, which are the CalEEMod default data.

Pismo State Beach and Oceano Dunes PWP - Pier & Grand Ave. Entrances and Pier Ave Lifeguard Tower

San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	1.47	1000sqft	0.03	1,468.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only project. New entrances replace existing.

Land Use -

Construction Phase - 3-month anticipated construction duration. Reduced phase durations proportionally from default.

Demolition -

Trips and VMT - Increased worker trips for building construction and architectural paving, assuming 1.5 workers per equipment piece. Added vendor trips to account for water trucks and some matieral deliveries during building construction.

Vehicle Trips - Construction-only project.

Consumer Products - Construction-only project.

Area Coating - Construction-only project.

Landscape Equipment - Construction-only project.

Energy Use -

Water And Wastewater - Construction-only project.

Solid Waste - Construction-only project.

Construction Off-road Equipment Mitigation - Water exposed areas at least twice per day.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	734	0
tblAreaCoating	Area_Nonresidential_Interior	2202	0
tblConstructionPhase	NumDays	5.00	3.00
tblConstructionPhase	NumDays	100.00	52.00
tblConstructionPhase	NumDays	10.00	5.00
tblConstructionPhase	NumDays	2.00	1.00
tblConstructionPhase	NumDays	5.00	2.00
tblConstructionPhase	PhaseEndDate	6/22/2021	3/31/2021
tblConstructionPhase	PhaseEndDate	6/8/2021	3/24/2021
tblConstructionPhase	PhaseEndDate	1/14/2021	1/7/2021
tblConstructionPhase	PhaseEndDate	1/19/2021	1/11/2021
tblConstructionPhase	PhaseEndDate	6/15/2021	3/26/2021

tblConstructionPhase	PhaseEndDate	1/15/2021	1/8/2021
tblConstructionPhase	PhaseStartDate	6/16/2021	3/27/2021
tblConstructionPhase	PhaseStartDate	1/20/2021	1/12/2021
tblConstructionPhase	PhaseStartDate	1/16/2021	1/9/2021
tblConstructionPhase	PhaseStartDate	6/9/2021	3/25/2021
tblConstructionPhase	PhaseStartDate	1/15/2021	1/8/2021
tblSolidWaste	SolidWasteGenerationRate	1.37	0.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	0.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblVehicleTrips	WD_TR	68.93	0.00
tblWater	IndoorWaterUseRate	292,029.74	0.00
tblWater	OutdoorWaterUseRate	178,985.97	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0434	0.2614	0.2432	4.3000e-004	6.6900e-003	0.0136	0.0203	1.7900e-003	0.0126	0.0143	0.0000	38.1255	38.1255	9.7600e-003	0.0000	38.3694
Maximum	**0.0434**	**0.2614**	**0.2432**	**4.3000e-004**	**6.6900e-003**	**0.0136**	**0.0203**	**1.7900e-003**	**0.0126**	**0.0143**	**0.0000**	**38.1255**	**38.1255**	**9.7600e-003**	**0.0000**	**38.3694**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0434	0.2614	0.2432	4.3000e-004	5.9800e-003	0.0136	0.0196	1.6000e-003	0.0126	0.0142	0.0000	38.1254	38.1254	9.7600e-003	0.0000	38.3693
Maximum	**0.0434**	**0.2614**	**0.2432**	**4.3000e-004**	**5.9800e-003**	**0.0136**	**0.0196**	**1.6000e-003**	**0.0126**	**0.0142**	**0.0000**	**38.1254**	**38.1254**	**9.7600e-003**	**0.0000**	**38.3693**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**10.61**	**0.00**	**3.55**	**10.61**	**0.00**	**1.26**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2021**	**3-31-2021**	0.3072	0.3072
		Highest	0.3072	0.3072

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.7300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	1.3000e-004	1.1800e-003	9.9000e-004	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	8.8968	8.8968	3.7000e-004	9.0000e-005	8.9343
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.8600e-003**	**1.1800e-003**	**9.9000e-004**	**1.0000e-005**	**0.0000**	**9.0000e-005**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**9.0000e-005**	**0.0000**	**8.8968**	**8.8968**	**3.7000e-004**	**9.0000e-005**	**8.9343**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.7300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	1.3000e-004	1.1800e-003	9.9000e-004	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	8.8968	8.8968	3.7000e-004	9.0000e-005	8.9343
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.8600e-003**	**1.1800e-003**	**9.9000e-004**	**1.0000e-005**	**0.0000**	**9.0000e-005**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**9.0000e-005**	**0.0000**	**8.8968**	**8.8968**	**3.7000e-004**	**9.0000e-005**	**8.9343**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	1/7/2021	5	5	
2	Site Preparation	Site Preparation	1/8/2021	1/8/2021	5	1	
3	Grading	Grading	1/9/2021	1/11/2021	5	1	
4	Building Construction	Building Construction	1/12/2021	3/24/2021	5	52	
5	Paving	Paving	3/25/2021	3/26/2021	5	2	
6	Architectural Coating	Architectural Coating	3/27/2021	3/31/2021	5	3	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,202; Non-Residential Outdoor: 734; Striped Parking Area: 0 (Architectural Coating – sqft)

<u>OffRoad Equipment</u>

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	4.00	6.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	16.00	6.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	4.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.6000e-004	0.0000	6.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9900e-003	0.0181	0.0189	3.0000e-005		1.0200e-003	1.0200e-003		9.7000e-004	9.7000e-004	0.0000	2.6023	2.6023	4.8000e-004	0.0000	2.6145
Total	**1.9900e-003**	**0.0181**	**0.0189**	**3.0000e-005**	**6.6000e-004**	**1.0200e-003**	**1.6800e-003**	**1.0000e-004**	**9.7000e-004**	**1.0700e-003**	**0.0000**	**2.6023**	**2.6023**	**4.8000e-004**	**0.0000**	**2.6145**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	8.8000e-004	2.0000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.2282	0.2282	1.0000e-005	0.0000	0.2285
Vendor	3.0000e-005	9.5000e-004	2.8000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.1912	0.1912	1.0000e-005	0.0000	0.1915
Worker	1.0000e-004	9.0000e-005	7.8000e-004	0.0000	2.4000e-004	0.0000	2.4000e-004	6.0000e-005	0.0000	7.0000e-005	0.0000	0.1945	0.1945	1.0000e-005	0.0000	0.1946
Total	**1.5000e-004**	**1.9200e-003**	**1.2600e-003**	**0.0000**	**3.4000e-004**	**0.0000**	**3.4000e-004**	**8.0000e-005**	**0.0000**	**1.1000e-004**	**0.0000**	**0.6139**	**0.6139**	**3.0000e-005**	**0.0000**	**0.6147**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.0000e-004	0.0000	3.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9900e-003	0.0181	0.0189	3.0000e-005		1.0200e-003	1.0200e-003		9.7000e-004	9.7000e-004	0.0000	2.6023	2.6023	4.8000e-004	0.0000	2.6145
Total	**1.9900e-003**	**0.0181**	**0.0189**	**3.0000e-005**	**3.0000e-004**	**1.0200e-003**	**1.3200e-003**	**5.0000e-005**	**9.7000e-004**	**1.0200e-003**	**0.0000**	**2.6023**	**2.6023**	**4.8000e-004**	**0.0000**	**2.6145**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	8.8000e-004	2.0000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.2282	0.2282	1.0000e-005	0.0000	0.2285
Vendor	3.0000e-005	9.5000e-004	2.8000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.1912	0.1912	1.0000e-005	0.0000	0.1915
Worker	1.0000e-004	9.0000e-005	7.8000e-004	0.0000	2.4000e-004	0.0000	2.4000e-004	6.0000e-005	0.0000	7.0000e-005	0.0000	0.1945	0.1945	1.0000e-005	0.0000	0.1946
Total	**1.5000e-004**	**1.9200e-003**	**1.2600e-003**	**0.0000**	**3.4000e-004**	**0.0000**	**3.4000e-004**	**8.0000e-005**	**0.0000**	**1.1000e-004**	**0.0000**	**0.6139**	**0.6139**	**3.0000e-005**	**0.0000**	**0.6147**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2000e-004	3.9100e-003	2.0100e-003	0.0000		1.5000e-004	1.5000e-004		1.4000e-004	1.4000e-004	0.0000	0.4276	0.4276	1.4000e-004	0.0000	0.4310
Total	**3.2000e-004**	**3.9100e-003**	**2.0100e-003**	**0.0000**	**2.7000e-004**	**1.5000e-004**	**4.2000e-004**	**3.0000e-005**	**1.4000e-004**	**1.7000e-004**	**0.0000**	**0.4276**	**0.4276**	**1.4000e-004**	**0.0000**	**0.4310**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	1.9000e-004	6.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0383	0.0383	0.0000	0.0000	0.0383
Worker	1.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0195	0.0195	0.0000	0.0000	0.0195
Total	**2.0000e-005**	**2.0000e-004**	**1.4000e-004**	**0.0000**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0577**	**0.0577**	**0.0000**	**0.0000**	**0.0578**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2000e-004	0.0000	1.2000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2000e-004	3.9100e-003	2.0100e-003	0.0000		1.5000e-004	1.5000e-004		1.4000e-004	1.4000e-004	0.0000	0.4276	0.4276	1.4000e-004	0.0000	0.4310
Total	**3.2000e-004**	**3.9100e-003**	**2.0100e-003**	**0.0000**	**1.2000e-004**	**1.5000e-004**	**2.7000e-004**	**1.0000e-005**	**1.4000e-004**	**1.5000e-004**	**0.0000**	**0.4276**	**0.4276**	**1.4000e-004**	**0.0000**	**0.4310**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	1.9000e-004	6.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0383	0.0383	0.0000	0.0000	0.0383
Worker	1.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0195	0.0195	0.0000	0.0000	0.0195
Total	**2.0000e-005**	**2.0000e-004**	**1.4000e-004**	**0.0000**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0577**	**0.0577**	**0.0000**	**0.0000**	**0.0578**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.8000e-004	0.0000	3.8000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0000e-004	3.6300e-003	3.7800e-003	1.0000e-005		2.0000e-004	2.0000e-004		1.9000e-004	1.9000e-004	0.0000	0.5205	0.5205	1.0000e-004	0.0000	0.5229
Total	**4.0000e-004**	**3.6300e-003**	**3.7800e-003**	**1.0000e-005**	**3.8000e-004**	**2.0000e-004**	**5.8000e-004**	**2.1000e-004**	**1.9000e-004**	**4.0000e-004**	**0.0000**	**0.5205**	**0.5205**	**1.0000e-004**	**0.0000**	**0.5229**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	1.9000e-004	6.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0383	0.0383	0.0000	0.0000	0.0383
Worker	2.0000e-005	2.0000e-005	1.6000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0389	0.0389	0.0000	0.0000	0.0389
Total	**3.0000e-005**	**2.1000e-004**	**2.2000e-004**	**0.0000**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0772**	**0.0772**	**0.0000**	**0.0000**	**0.0772**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.7000e-004	0.0000	1.7000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0000e-004	3.6300e-003	3.7800e-003	1.0000e-005		2.0000e-004	2.0000e-004		1.9000e-004	1.9000e-004	0.0000	0.5205	0.5205	1.0000e-004	0.0000	0.5229
Total	**4.0000e-004**	**3.6300e-003**	**3.7800e-003**	**1.0000e-005**	**1.7000e-004**	**2.0000e-004**	**3.7000e-004**	**9.0000e-005**	**1.9000e-004**	**2.8000e-004**	**0.0000**	**0.5205**	**0.5205**	**1.0000e-004**	**0.0000**	**0.5229**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	1.9000e-004	6.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0383	0.0383	0.0000	0.0000	0.0383
Worker	2.0000e-005	2.0000e-005	1.6000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0389	0.0389	0.0000	0.0000	0.0389
Total	**3.0000e-005**	**2.1000e-004**	**2.2000e-004**	**0.0000**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0772**	**0.0772**	**0.0000**	**0.0000**	**0.0772**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0202	0.2076	0.1889	3.0000e-004		0.0116	0.0116		0.0107	0.0107	0.0000	26.0213	26.0213	8.4200e-003	0.0000	26.2317
Total	**0.0202**	**0.2076**	**0.1889**	**3.0000e-004**		**0.0116**	**0.0116**		**0.0107**	**0.0107**	**0.0000**	**26.0213**	**26.0213**	**8.4200e-003**	**0.0000**	**26.2317**

3.5 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.8000e-004	0.0149	4.3500e-003	3.0000e-005	7.1000e-004	4.0000e-005	7.5000e-004	2.0000e-004	4.0000e-005	2.5000e-004	0.0000	2.9833	2.9833	1.8000e-004	0.0000	2.9877
Worker	1.7000e-003	1.4800e-003	0.0130	4.0000e-005	4.0000e-003	3.0000e-005	4.0300e-003	1.0600e-003	2.0000e-005	1.0900e-003	0.0000	3.2363	3.2363	1.0000e-004	0.0000	3.2388
Total	**2.1800e-003**	**0.0163**	**0.0173**	**7.0000e-005**	**4.7100e-003**	**7.0000e-005**	**4.7800e-003**	**1.2600e-003**	**6.0000e-005**	**1.3400e-003**	**0.0000**	**6.2196**	**6.2196**	**2.8000e-004**	**0.0000**	**6.2264**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0202	0.2076	0.1889	3.0000e-004		0.0116	0.0116		0.0107	0.0107	0.0000	26.0213	26.0213	8.4200e-003	0.0000	26.2317
Total	**0.0202**	**0.2076**	**0.1889**	**3.0000e-004**		**0.0116**	**0.0116**		**0.0107**	**0.0107**	**0.0000**	**26.0213**	**26.0213**	**8.4200e-003**	**0.0000**	**26.2317**

3.5 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.8000e-004	0.0149	4.3500e-003	3.0000e-005	7.1000e-004	4.0000e-005	7.5000e-004	2.0000e-004	4.0000e-005	2.5000e-004	0.0000	2.9833	2.9833	1.8000e-004	0.0000	2.9877
Worker	1.7000e-003	1.4800e-003	0.0130	4.0000e-005	4.0000e-003	3.0000e-005	4.0300e-003	1.0600e-003	2.0000e-005	1.0900e-003	0.0000	3.2363	3.2363	1.0000e-004	0.0000	3.2388
Total	**2.1800e-003**	**0.0163**	**0.0173**	**7.0000e-005**	**4.7100e-003**	**7.0000e-005**	**4.7800e-003**	**1.2600e-003**	**6.0000e-005**	**1.3400e-003**	**0.0000**	**6.2196**	**6.2196**	**2.8000e-004**	**0.0000**	**6.2264**

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.2000e-004	6.7200e-003	7.0900e-003	1.0000e-005		3.5000e-004	3.5000e-004		3.3000e-004	3.3000e-004	0.0000	0.9393	0.9393	2.7000e-004	0.0000	0.9461
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.2000e-004**	**6.7200e-003**	**7.0900e-003**	**1.0000e-005**		**3.5000e-004**	**3.5000e-004**		**3.3000e-004**	**3.3000e-004**	**0.0000**	**0.9393**	**0.9393**	**2.7000e-004**	**0.0000**	**0.9461**

3.6 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.8000e-004	1.1000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0765	0.0765	0.0000	0.0000	0.0766
Worker	7.0000e-005	6.0000e-005	5.6000e-004	0.0000	1.7000e-004	0.0000	1.7000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1400	0.1400	0.0000	0.0000	0.1401
Total	**8.0000e-005**	**4.4000e-004**	**6.7000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.2165**	**0.2165**	**0.0000**	**0.0000**	**0.2168**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.2000e-004	6.7200e-003	7.0900e-003	1.0000e-005		3.5000e-004	3.5000e-004		3.3000e-004	3.3000e-004	0.0000	0.9393	0.9393	2.7000e-004	0.0000	0.9461
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.2000e-004**	**6.7200e-003**	**7.0900e-003**	**1.0000e-005**		**3.5000e-004**	**3.5000e-004**		**3.3000e-004**	**3.3000e-004**	**0.0000**	**0.9393**	**0.9393**	**2.7000e-004**	**0.0000**	**0.9461**

3.6 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.8000e-004	1.1000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0765	0.0765	0.0000	0.0000	0.0766
Worker	7.0000e-005	6.0000e-005	5.6000e-004	0.0000	1.7000e-004	0.0000	1.7000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1400	0.1400	0.0000	0.0000	0.1401
Total	**8.0000e-005**	**4.4000e-004**	**6.7000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.2165**	**0.2165**	**0.0000**	**0.0000**	**0.2168**

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0170					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3000e-004	2.2900e-003	2.7300e-003	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.3830	0.3830	3.0000e-005	0.0000	0.3837
Total	**0.0173**	**2.2900e-003**	**2.7300e-003**	**0.0000**		**1.4000e-004**	**1.4000e-004**		**1.4000e-004**	**1.4000e-004**	**0.0000**	**0.3830**	**0.3830**	**3.0000e-005**	**0.0000**	**0.3837**

3.7 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	2.0000e-005	1.9000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0467	0.0467	0.0000	0.0000	0.0467
Total	**2.0000e-005**	**2.0000e-005**	**1.9000e-004**	**0.0000**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0467**	**0.0467**	**0.0000**	**0.0000**	**0.0467**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0170					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3000e-004	2.2900e-003	2.7300e-003	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.3830	0.3830	3.0000e-005	0.0000	0.3836
Total	**0.0173**	**2.2900e-003**	**2.7300e-003**	**0.0000**		**1.4000e-004**	**1.4000e-004**		**1.4000e-004**	**1.4000e-004**	**0.0000**	**0.3830**	**0.3830**	**3.0000e-005**	**0.0000**	**0.3836**

3.7 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	2.0000e-005	1.9000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0467	0.0467	0.0000	0.0000	0.0467
Total	**2.0000e-005**	**2.0000e-005**	**1.9000e-004**	**0.0000**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0467**	**0.0467**	**0.0000**	**0.0000**	**0.0467**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Government Office Building	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Government Office Building	13.00	5.00	5.00	33.00	62.00	5.00	50	34	16

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Government Office Building	0.575581	0.029595	0.198288	0.120539	0.026172	0.006482	0.012911	0.019591	0.002354	0.001214	0.005068	0.000784	0.001422

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	7.6144	7.6144	3.4000e-004	7.0000e-005	7.6443
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	7.6144	7.6144	3.4000e-004	7.0000e-005	7.6443
NaturalGas Mitigated	1.3000e-004	1.1800e-003	9.9000e-004	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.2824	1.2824	2.0000e-005	2.0000e-005	1.2900
NaturalGas Unmitigated	1.3000e-004	1.1800e-003	9.9000e-004	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.2824	1.2824	2.0000e-005	2.0000e-005	1.2900

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Government Office Building	24031.2	1.3000e-004	1.1800e-003	9.9000e-004	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.2824	1.2824	2.0000e-005	2.0000e-005	1.2900
Total		**1.3000e-004**	**1.1800e-003**	**9.9000e-004**	**1.0000e-005**		**9.0000e-005**	**9.0000e-005**		**9.0000e-005**	**9.0000e-005**	**0.0000**	**1.2824**	**1.2824**	**2.0000e-005**	**2.0000e-005**	**1.2900**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Government Office Building	24031.2	1.3000e-004	1.1800e-003	9.9000e-004	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.2824	1.2824	2.0000e-005	2.0000e-005	1.2900
Total		**1.3000e-004**	**1.1800e-003**	**9.9000e-004**	**1.0000e-005**		**9.0000e-005**	**9.0000e-005**		**9.0000e-005**	**9.0000e-005**	**0.0000**	**1.2824**	**1.2824**	**2.0000e-005**	**2.0000e-005**	**1.2900**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Government Office Building	26174.4	7.6144	3.4000e-004	7.0000e-005	7.6443
Total		**7.6144**	**3.4000e-004**	**7.0000e-005**	**7.6443**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Government Office Building	26174.4	7.6144	3.4000e-004	7.0000e-005	7.6443
Total		**7.6144**	**3.4000e-004**	**7.0000e-005**	**7.6443**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.7300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	5.7300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.7300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.7300e-003**					**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.7300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.7300e-003**					**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Government Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Government Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Government Office Building	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Government Office Building	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Pier & Grand Ave. Entrances and Pier Ave Lifeguard Tower

San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	1.47	1000sqft	0.03	1,468.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only project. New entrances replace existing.

Land Use -

Construction Phase - 3-month anticipated construction duration. Reduced phase durations proportionally from default.

Demolition -

Trips and VMT - Increased worker trips for building construction and architectural paving, assuming 1.5 workers per equipment piece. Added vendor trips to account for water trucks and some matieral deliveries during building construction.

Vehicle Trips - Construction-only project.

Consumer Products - Construction-only project.

Area Coating - Construction-only project.

Landscape Equipment - Construction-only project.

Energy Use -

Water And Wastewater - Construction-only project.

Solid Waste - Construction-only project.

Construction Off-road Equipment Mitigation - Water exposed areas at least twice per day.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	734	0
tblAreaCoating	Area_Nonresidential_Interior	2202	0
tblConstructionPhase	NumDays	5.00	3.00
tblConstructionPhase	NumDays	100.00	52.00
tblConstructionPhase	NumDays	10.00	5.00
tblConstructionPhase	NumDays	2.00	1.00
tblConstructionPhase	NumDays	5.00	2.00
tblConstructionPhase	PhaseEndDate	6/22/2021	3/31/2021
tblConstructionPhase	PhaseEndDate	6/8/2021	3/24/2021
tblConstructionPhase	PhaseEndDate	1/14/2021	1/7/2021
tblConstructionPhase	PhaseEndDate	1/19/2021	1/11/2021
tblConstructionPhase	PhaseEndDate	6/15/2021	3/26/2021

tblConstructionPhase	PhaseEndDate	1/15/2021	1/8/2021
tblConstructionPhase	PhaseStartDate	6/16/2021	3/27/2021
tblConstructionPhase	PhaseStartDate	1/20/2021	1/12/2021
tblConstructionPhase	PhaseStartDate	1/16/2021	1/9/2021
tblConstructionPhase	PhaseStartDate	6/9/2021	3/25/2021
tblConstructionPhase	PhaseStartDate	1/15/2021	1/8/2021
tblSolidWaste	SolidWasteGenerationRate	1.37	0.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	0.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblVehicleTrips	WD_TR	68.93	0.00
tblWater	IndoorWaterUseRate	292,029.74	0.00
tblWater	OutdoorWaterUseRate	178,985.97	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	11.5751	8.6032	8.0735	0.0146	0.8702	0.4501	1.2792	0.4454	0.4142	0.8355	0.0000	1,423.3457	1,423.3457	0.3683	0.0000	1,429.0230
Maximum	**11.5751**	**8.6032**	**8.0735**	**0.0146**	**0.8702**	**0.4501**	**1.2792**	**0.4454**	**0.4142**	**0.8355**	**0.0000**	**1,423.3457**	**1,423.3457**	**0.3683**	**0.0000**	**1,429.0230**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	11.5751	8.6032	8.0735	0.0146	0.4562	0.4501	0.8652	0.2178	0.4142	0.6079	0.0000	1,423.3457	1,423.3457	0.3683	0.0000	1,429.0230
Maximum	**11.5751**	**8.6032**	**8.0735**	**0.0146**	**0.4562**	**0.4501**	**0.8652**	**0.2178**	**0.4142**	**0.6079**	**0.0000**	**1,423.3457**	**1,423.3457**	**0.3683**	**0.0000**	**1,429.0230**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**47.58**	**0.00**	**32.37**	**51.10**	**0.00**	**27.24**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0314	0.0000	1.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		3.2000e-004	3.2000e-004	0.0000		3.4000e-004
Energy	7.1000e-004	6.4500e-003	5.4200e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004		7.7457	7.7457	1.5000e-004	1.4000e-004	7.7918
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0321**	**6.4500e-003**	**5.5700e-003**	**4.0000e-005**	**0.0000**	**4.9000e-004**	**4.9000e-004**	**0.0000**	**4.9000e-004**	**4.9000e-004**		**7.7461**	**7.7461**	**1.5000e-004**	**1.4000e-004**	**7.7921**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0314	0.0000	1.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		3.2000e-004	3.2000e-004	0.0000		3.4000e-004
Energy	7.1000e-004	6.4500e-003	5.4200e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004		7.7457	7.7457	1.5000e-004	1.4000e-004	7.7918
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0321**	**6.4500e-003**	**5.5700e-003**	**4.0000e-005**	**0.0000**	**4.9000e-004**	**4.9000e-004**	**0.0000**	**4.9000e-004**	**4.9000e-004**		**7.7461**	**7.7461**	**1.5000e-004**	**1.4000e-004**	**7.7921**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	1/7/2021	5	5	
2	Site Preparation	Site Preparation	1/8/2021	1/8/2021	5	1	
3	Grading	Grading	1/9/2021	1/11/2021	5	1	
4	Building Construction	Building Construction	1/12/2021	3/24/2021	5	52	
5	Paving	Paving	3/25/2021	3/26/2021	5	2	
6	Architectural Coating	Architectural Coating	3/27/2021	3/31/2021	5	3	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,202; Non-Residential Outdoor: 734; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	4.00	6.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	16.00	6.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	4.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2651	0.0000	0.2651	0.0401	0.0000	0.0401			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138		1,152.7797
Total	**0.7965**	**7.2530**	**7.5691**	**0.0120**	**0.2651**	**0.4073**	**0.6724**	**0.0401**	**0.3886**	**0.4287**		**1,147.4338**	**1,147.4338**	**0.2138**		**1,152.7797**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	9.6100e-003	0.3465	0.0777	9.4000e-004	0.0210	1.4600e-003	0.0224	5.7400e-003	1.4000e-003	7.1400e-003		101.2491	101.2491	5.7600e-003		101.3931
Vendor	0.0119	0.3781	0.1043	8.0000e-004	0.0186	1.0600e-003	0.0196	5.3500e-003	1.0100e-003	6.3600e-003		85.4226	85.4226	4.8100e-003		85.5429
Worker	0.0398	0.0319	0.3224	9.0000e-004	0.0989	6.1000e-004	0.0995	0.0262	5.6000e-004	0.0268		89.2402	89.2402	2.6800e-003		89.3072
Total	**0.0613**	**0.7565**	**0.5044**	**2.6400e-003**	**0.1384**	**3.1300e-003**	**0.1415**	**0.0373**	**2.9700e-003**	**0.0403**		**275.9119**	**275.9119**	**0.0133**		**276.2432**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1193	0.0000	0.1193	0.0181	0.0000	0.0181			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797
Total	**0.7965**	**7.2530**	**7.5691**	**0.0120**	**0.1193**	**0.4073**	**0.5266**	**0.0181**	**0.3886**	**0.4067**	**0.0000**	**1,147.4338**	**1,147.4338**	**0.2138**		**1,152.7797**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	9.6100e-003	0.3465	0.0777	9.4000e-004	0.0210	1.4600e-003	0.0224	5.7400e-003	1.4000e-003	7.1400e-003		101.2491	101.2491	5.7600e-003		101.3931
Vendor	0.0119	0.3781	0.1043	8.0000e-004	0.0186	1.0600e-003	0.0196	5.3500e-003	1.0100e-003	6.3600e-003		85.4226	85.4226	4.8100e-003		85.5429
Worker	0.0398	0.0319	0.3224	9.0000e-004	0.0989	6.1000e-004	0.0995	0.0262	5.6000e-004	0.0268		89.2402	89.2402	2.6800e-003		89.3072
Total	**0.0613**	**0.7565**	**0.5044**	**2.6400e-003**	**0.1384**	**3.1300e-003**	**0.1415**	**0.0373**	**2.9700e-003**	**0.0403**		**275.9119**	**275.9119**	**0.0133**		**276.2432**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6403	7.8204	4.0274	9.7300e-003		0.2995	0.2995		0.2755	0.2755		942.5842	942.5842	0.3049		950.2055
Total	**0.6403**	**7.8204**	**4.0274**	**9.7300e-003**	**0.5303**	**0.2995**	**0.8297**	**0.0573**	**0.2755**	**0.3328**		**942.5842**	**942.5842**	**0.3049**		**950.2055**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3781	0.1043	8.0000e-004	0.0186	1.0600e-003	0.0196	5.3500e-003	1.0100e-003	6.3600e-003		85.4226	85.4226	4.8100e-003		85.5429
Worker	0.0199	0.0160	0.1612	4.5000e-004	0.0494	3.1000e-004	0.0497	0.0131	2.8000e-004	0.0134		44.6201	44.6201	1.3400e-003		44.6536
Total	**0.0318**	**0.3940**	**0.2655**	**1.2500e-003**	**0.0680**	**1.3700e-003**	**0.0694**	**0.0185**	**1.2900e-003**	**0.0198**		**130.0427**	**130.0427**	**6.1500e-003**		**130.1965**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2386	0.0000	0.2386	0.0258	0.0000	0.0258			0.0000			0.0000
Off-Road	0.6403	7.8204	4.0274	9.7300e-003		0.2995	0.2995		0.2755	0.2755	0.0000	942.5842	942.5842	0.3049		950.2055
Total	**0.6403**	**7.8204**	**4.0274**	**9.7300e-003**	**0.2386**	**0.2995**	**0.5381**	**0.0258**	**0.2755**	**0.3013**	**0.0000**	**942.5842**	**942.5842**	**0.3049**		**950.2055**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3781	0.1043	8.0000e-004	0.0186	1.0600e-003	0.0196	5.3500e-003	1.0100e-003	6.3600e-003		85.4226	85.4226	4.8100e-003		85.5429
Worker	0.0199	0.0160	0.1612	4.5000e-004	0.0494	3.1000e-004	0.0497	0.0131	2.8000e-004	0.0134		44.6201	44.6201	1.3400e-003		44.6536
Total	**0.0318**	**0.3940**	**0.2655**	**1.2500e-003**	**0.0680**	**1.3700e-003**	**0.0694**	**0.0185**	**1.2900e-003**	**0.0198**		**130.0427**	**130.0427**	**6.1500e-003**		**130.1965**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138		1,152.7797
Total	**0.7965**	**7.2530**	**7.5691**	**0.0120**	**0.7528**	**0.4073**	**1.1601**	**0.4138**	**0.3886**	**0.8024**		**1,147.4338**	**1,147.4338**	**0.2138**		**1,152.7797**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3781	0.1043	8.0000e-004	0.0186	1.0600e-003	0.0196	5.3500e-003	1.0100e-003	6.3600e-003		85.4226	85.4226	4.8100e-003		85.5429
Worker	0.0398	0.0319	0.3224	9.0000e-004	0.0989	6.1000e-004	0.0995	0.0262	5.6000e-004	0.0268		89.2402	89.2402	2.6800e-003		89.3072
Total	**0.0517**	**0.4100**	**0.4267**	**1.7000e-003**	**0.1174**	**1.6700e-003**	**0.1191**	**0.0316**	**1.5700e-003**	**0.0331**		**174.6628**	**174.6628**	**7.4900e-003**		**174.8501**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3387	0.0000	0.3387	0.1862	0.0000	0.1862			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797
Total	**0.7965**	**7.2530**	**7.5691**	**0.0120**	**0.3387**	**0.4073**	**0.7461**	**0.1862**	**0.3886**	**0.5748**	**0.0000**	**1,147.4338**	**1,147.4338**	**0.2138**		**1,152.7797**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3781	0.1043	8.0000e-004	0.0186	1.0600e-003	0.0196	5.3500e-003	1.0100e-003	6.3600e-003		85.4226	85.4226	4.8100e-003		85.5429
Worker	0.0398	0.0319	0.3224	9.0000e-004	0.0989	6.1000e-004	0.0995	0.0262	5.6000e-004	0.0268		89.2402	89.2402	2.6800e-003		89.3072
Total	**0.0517**	**0.4100**	**0.4267**	**1.7000e-003**	**0.1174**	**1.6700e-003**	**0.1191**	**0.0316**	**1.5700e-003**	**0.0331**		**174.6628**	**174.6628**	**7.4900e-003**		**174.8501**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358
Total	**0.7750**	**7.9850**	**7.2637**	**0.0114**		**0.4475**	**0.4475**		**0.4117**	**0.4117**		**1,103.2158**	**1,103.2158**	**0.3568**		**1,112.1358**

3.5 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0178	0.5671	0.1565	1.2000e-003	0.0279	1.5900e-003	0.0295	8.0200e-003	1.5200e-003	9.5500e-003		128.1339	128.1339	7.2200e-003		128.3144
Worker	0.0637	0.0511	0.5158	1.4300e-003	0.1582	9.8000e-004	0.1592	0.0420	9.0000e-004	0.0429		142.7844	142.7844	4.2900e-003		142.8916
Total	**0.0815**	**0.6182**	**0.6722**	**2.6300e-003**	**0.1860**	**2.5700e-003**	**0.1886**	**0.0500**	**2.4200e-003**	**0.0524**		**270.9182**	**270.9182**	**0.0115**		**271.2059**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358
Total	**0.7750**	**7.9850**	**7.2637**	**0.0114**		**0.4475**	**0.4475**		**0.4117**	**0.4117**	**0.0000**	**1,103.2158**	**1,103.2158**	**0.3568**		**1,112.1358**

3.5 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0178	0.5671	0.1565	1.2000e-003	0.0279	1.5900e-003	0.0295	8.0200e-003	1.5200e-003	9.5500e-003		128.1339	128.1339	7.2200e-003		128.3144
Worker	0.0637	0.0511	0.5158	1.4300e-003	0.1582	9.8000e-004	0.1592	0.0420	9.0000e-004	0.0429		142.7844	142.7844	4.2900e-003		142.8916
Total	**0.0815**	**0.6182**	**0.6722**	**2.6300e-003**	**0.1860**	**2.5700e-003**	**0.1886**	**0.0500**	**2.4200e-003**	**0.0524**		**270.9182**	**270.9182**	**0.0115**		**271.2059**

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.7214**	**6.7178**	**7.0899**	**0.0113**		**0.3534**	**0.3534**		**0.3286**	**0.3286**		**1,035.3425**	**1,035.3425**	**0.3016**		**1,042.8818**

3.6 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3781	0.1043	8.0000e-004	0.0186	1.0600e-003	0.0196	5.3500e-003	1.0100e-003	6.3600e-003		85.4226	85.4226	4.8100e-003		85.5429
Worker	0.0717	0.0574	0.5802	1.6100e-003	0.1780	1.1000e-003	0.1791	0.0472	1.0200e-003	0.0482		160.6324	160.6324	4.8200e-003		160.7530
Total	**0.0836**	**0.4355**	**0.6846**	**2.4100e-003**	**0.1965**	**2.1600e-003**	**0.1987**	**0.0526**	**2.0300e-003**	**0.0546**		**246.0550**	**246.0550**	**9.6300e-003**		**246.2959**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.7214**	**6.7178**	**7.0899**	**0.0113**		**0.3534**	**0.3534**		**0.3286**	**0.3286**	**0.0000**	**1,035.3425**	**1,035.3425**	**0.3016**		**1,042.8818**

3.6 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3781	0.1043	8.0000e-004	0.0186	1.0600e-003	0.0196	5.3500e-003	1.0100e-003	6.3600e-003		85.4226	85.4226	4.8100e-003		85.5429
Worker	0.0717	0.0574	0.5802	1.6100e-003	0.1780	1.1000e-003	0.1791	0.0472	1.0200e-003	0.0482		160.6324	160.6324	4.8200e-003		160.7530
Total	**0.0836**	**0.4355**	**0.6846**	**2.4100e-003**	**0.1965**	**2.1600e-003**	**0.1987**	**0.0526**	**2.0300e-003**	**0.0546**		**246.0550**	**246.0550**	**9.6300e-003**		**246.2959**

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.3403					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**11.5592**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.7 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0159	0.0128	0.1289	3.6000e-004	0.0395	2.4000e-004	0.0398	0.0105	2.3000e-004	0.0107		35.6961	35.6961	1.0700e-003		35.7229
Total	**0.0159**	**0.0128**	**0.1289**	**3.6000e-004**	**0.0395**	**2.4000e-004**	**0.0398**	**0.0105**	**2.3000e-004**	**0.0107**		**35.6961**	**35.6961**	**1.0700e-003**		**35.7229**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.3403					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**11.5592**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.7 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0159	0.0128	0.1289	3.6000e-004	0.0395	2.4000e-004	0.0398	0.0105	2.3000e-004	0.0107		35.6961	35.6961	1.0700e-003		35.7229
Total	**0.0159**	**0.0128**	**0.1289**	**3.6000e-004**	**0.0395**	**2.4000e-004**	**0.0398**	**0.0105**	**2.3000e-004**	**0.0107**		**35.6961**	**35.6961**	**1.0700e-003**		**35.7229**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Government Office Building	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Government Office Building	13.00	5.00	5.00	33.00	62.00	5.00	50	34	16

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Government Office Building	0.575581	0.029595	0.198288	0.120539	0.026172	0.006482	0.012911	0.019591	0.002354	0.001214	0.005068	0.000784	0.001422

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	7.1000e-004	6.4500e-003	5.4200e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004		7.7457	7.7457	1.5000e-004	1.4000e-004	7.7918
NaturalGas Unmitigated	7.1000e-004	6.4500e-003	5.4200e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004		7.7457	7.7457	1.5000e-004	1.4000e-004	7.7918

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Government Office Building	65.8388	7.1000e-004	6.4500e-003	5.4200e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004		7.7457	7.7457	1.5000e-004	1.4000e-004	7.7918
Total		**7.1000e-004**	**6.4500e-003**	**5.4200e-003**	**4.0000e-005**		**4.9000e-004**	**4.9000e-004**		**4.9000e-004**	**4.9000e-004**		**7.7457**	**7.7457**	**1.5000e-004**	**1.4000e-004**	**7.7918**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Government Office Building	0.0658388	7.1000e-004	6.4500e-003	5.4200e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004		7.7457	7.7457	1.5000e-004	1.4000e-004	7.7918
Total		**7.1000e-004**	**6.4500e-003**	**5.4200e-003**	**4.0000e-005**		**4.9000e-004**	**4.9000e-004**		**4.9000e-004**	**4.9000e-004**		**7.7457**	**7.7457**	**1.5000e-004**	**1.4000e-004**	**7.7918**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0314	0.0000	1.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		3.2000e-004	3.2000e-004	0.0000		3.4000e-004
Unmitigated	0.0314	0.0000	1.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		3.2000e-004	3.2000e-004	0.0000		3.4000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0314					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		3.2000e-004	3.2000e-004	0.0000		3.4000e-004
Total	**0.0314**	**0.0000**	**1.5000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**3.2000e-004**	**3.2000e-004**	**0.0000**		**3.4000e-004**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0314					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		3.2000e-004	3.2000e-004	0.0000		3.4000e-004
Total	**0.0314**	**0.0000**	**1.5000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**3.2000e-004**	**3.2000e-004**	**0.0000**		**3.4000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Pier & Grand Ave. Entrances and Pier Ave Lifeguard Tower

San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	1.47	1000sqft	0.03	1,468.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only project. New entrances replace existing.

Land Use -

Construction Phase - 3-month anticipated construction duration. Reduced phase durations proportionally from default.

Demolition -

Trips and VMT - Increased worker trips for building construction and architectural paving, assuming 1.5 workers per equipment piece. Added vendor trips to account for water trucks and some matieral deliveries during building construction.

Vehicle Trips - Construction-only project.

Consumer Products - Construction-only project.

Area Coating - Construction-only project.

Landscape Equipment - Construction-only project.

Energy Use -

Water And Wastewater - Construction-only project.

Solid Waste - Construction-only project.

Construction Off-road Equipment Mitigation - Water exposed areas at least twice per day.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	734	0
tblAreaCoating	Area_Nonresidential_Interior	2202	0
tblConstructionPhase	NumDays	5.00	3.00
tblConstructionPhase	NumDays	100.00	52.00
tblConstructionPhase	NumDays	10.00	5.00
tblConstructionPhase	NumDays	2.00	1.00
tblConstructionPhase	NumDays	5.00	2.00
tblConstructionPhase	PhaseEndDate	6/22/2021	3/31/2021
tblConstructionPhase	PhaseEndDate	6/8/2021	3/24/2021
tblConstructionPhase	PhaseEndDate	1/14/2021	1/7/2021
tblConstructionPhase	PhaseEndDate	1/19/2021	1/11/2021
tblConstructionPhase	PhaseEndDate	6/15/2021	3/26/2021

tblConstructionPhase	PhaseEndDate	1/15/2021	1/8/2021
tblConstructionPhase	PhaseStartDate	6/16/2021	3/27/2021
tblConstructionPhase	PhaseStartDate	1/20/2021	1/12/2021
tblConstructionPhase	PhaseStartDate	1/16/2021	1/9/2021
tblConstructionPhase	PhaseStartDate	6/9/2021	3/25/2021
tblConstructionPhase	PhaseStartDate	1/15/2021	1/8/2021
tblSolidWaste	SolidWasteGenerationRate	1.37	0.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	0.00	16.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblVehicleTrips	WD_TR	68.93	0.00
tblWater	IndoorWaterUseRate	292,029.74	0.00
tblWater	OutdoorWaterUseRate	178,985.97	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	11.5774	8.6063	8.0825	0.0145	0.8702	0.4502	1.2793	0.4454	0.4143	0.8356	0.0000	1,415.0264	1,415.0264	0.3687	0.0000	1,420.7145
Maximum	**11.5774**	**8.6063**	**8.0825**	**0.0145**	**0.8702**	**0.4502**	**1.2793**	**0.4454**	**0.4143**	**0.8356**	**0.0000**	**1,415.0264**	**1,415.0264**	**0.3687**	**0.0000**	**1,420.7145**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	11.5774	8.6063	8.0825	0.0145	0.4562	0.4502	0.8652	0.2178	0.4143	0.6080	0.0000	1,415.0264	1,415.0264	0.3687	0.0000	1,420.7145
Maximum	**11.5774**	**8.6063**	**8.0825**	**0.0145**	**0.4562**	**0.4502**	**0.8652**	**0.2178**	**0.4143**	**0.6080**	**0.0000**	**1,415.0264**	**1,415.0264**	**0.3687**	**0.0000**	**1,420.7145**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**47.58**	**0.00**	**32.36**	**51.10**	**0.00**	**27.24**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0314	0.0000	1.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		3.2000e-004	3.2000e-004	0.0000		3.4000e-004
Energy	7.1000e-004	6.4500e-003	5.4200e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004		7.7457	7.7457	1.5000e-004	1.4000e-004	7.7918
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0321**	**6.4500e-003**	**5.5700e-003**	**4.0000e-005**	**0.0000**	**4.9000e-004**	**4.9000e-004**	**0.0000**	**4.9000e-004**	**4.9000e-004**		**7.7461**	**7.7461**	**1.5000e-004**	**1.4000e-004**	**7.7921**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0314	0.0000	1.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		3.2000e-004	3.2000e-004	0.0000		3.4000e-004
Energy	7.1000e-004	6.4500e-003	5.4200e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004		7.7457	7.7457	1.5000e-004	1.4000e-004	7.7918
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0321**	**6.4500e-003**	**5.5700e-003**	**4.0000e-005**	**0.0000**	**4.9000e-004**	**4.9000e-004**	**0.0000**	**4.9000e-004**	**4.9000e-004**		**7.7461**	**7.7461**	**1.5000e-004**	**1.4000e-004**	**7.7921**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	1/7/2021	5	5	
2	Site Preparation	Site Preparation	1/8/2021	1/8/2021	5	1	
3	Grading	Grading	1/9/2021	1/11/2021	5	1	
4	Building Construction	Building Construction	1/12/2021	3/24/2021	5	52	
5	Paving	Paving	3/25/2021	3/26/2021	5	2	
6	Architectural Coating	Architectural Coating	3/27/2021	3/31/2021	5	3	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,202; Non-Residential Outdoor: 734; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	4.00	6.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	16.00	6.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	4.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2651	0.0000	0.2651	0.0401	0.0000	0.0401			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138		1,152.7797
Total	**0.7965**	**7.2530**	**7.5691**	**0.0120**	**0.2651**	**0.4073**	**0.6724**	**0.0401**	**0.3886**	**0.4287**		**1,147.4338**	**1,147.4338**	**0.2138**		**1,152.7797**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	9.8700e-003	0.3486	0.0824	9.2000e-004	0.0210	1.5000e-003	0.0224	5.7400e-003	1.4300e-003	7.1700e-003		99.7298	99.7298	5.9400e-003		99.8784
Vendor	0.0126	0.3756	0.1181	7.8000e-004	0.0186	1.1200e-003	0.0197	5.3500e-003	1.0700e-003	6.4200e-003		82.8014	82.8014	5.1500e-003		82.9303
Worker	0.0455	0.0362	0.3128	8.5000e-004	0.0989	6.1000e-004	0.0995	0.0262	5.6000e-004	0.0268		85.0614	85.0614	2.5900e-003		85.1260
Total	**0.0680**	**0.7604**	**0.5133**	**2.5500e-003**	**0.1384**	**3.2300e-003**	**0.1416**	**0.0373**	**3.0600e-003**	**0.0404**		**267.5926**	**267.5926**	**0.0137**		**267.9347**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1193	0.0000	0.1193	0.0181	0.0000	0.0181			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797
Total	**0.7965**	**7.2530**	**7.5691**	**0.0120**	**0.1193**	**0.4073**	**0.5266**	**0.0181**	**0.3886**	**0.4067**	**0.0000**	**1,147.4338**	**1,147.4338**	**0.2138**		**1,152.7797**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	9.8700e-003	0.3486	0.0824	9.2000e-004	0.0210	1.5000e-003	0.0224	5.7400e-003	1.4300e-003	7.1700e-003		99.7298	99.7298	5.9400e-003		99.8784
Vendor	0.0126	0.3756	0.1181	7.8000e-004	0.0186	1.1200e-003	0.0197	5.3500e-003	1.0700e-003	6.4200e-003		82.8014	82.8014	5.1500e-003		82.9303
Worker	0.0455	0.0362	0.3128	8.5000e-004	0.0989	6.1000e-004	0.0995	0.0262	5.6000e-004	0.0268		85.0614	85.0614	2.5900e-003		85.1260
Total	**0.0680**	**0.7604**	**0.5133**	**2.5500e-003**	**0.1384**	**3.2300e-003**	**0.1416**	**0.0373**	**3.0600e-003**	**0.0404**		**267.5926**	**267.5926**	**0.0137**		**267.9347**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6403	7.8204	4.0274	9.7300e-003		0.2995	0.2995		0.2755	0.2755		942.5842	942.5842	0.3049		950.2055
Total	**0.6403**	**7.8204**	**4.0274**	**9.7300e-003**	**0.5303**	**0.2995**	**0.8297**	**0.0573**	**0.2755**	**0.3328**		**942.5842**	**942.5842**	**0.3049**		**950.2055**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0126	0.3756	0.1181	7.8000e-004	0.0186	1.1200e-003	0.0197	5.3500e-003	1.0700e-003	6.4200e-003		82.8014	82.8014	5.1500e-003		82.9303
Worker	0.0228	0.0181	0.1564	4.3000e-004	0.0494	3.1000e-004	0.0497	0.0131	2.8000e-004	0.0134		42.5307	42.5307	1.2900e-003		42.5630
Total	**0.0354**	**0.3937**	**0.2745**	**1.2100e-003**	**0.0680**	**1.4300e-003**	**0.0694**	**0.0185**	**1.3500e-003**	**0.0198**		**125.3321**	**125.3321**	**6.4400e-003**		**125.4933**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2386	0.0000	0.2386	0.0258	0.0000	0.0258			0.0000			0.0000
Off-Road	0.6403	7.8204	4.0274	9.7300e-003		0.2995	0.2995		0.2755	0.2755	0.0000	942.5842	942.5842	0.3049		950.2055
Total	**0.6403**	**7.8204**	**4.0274**	**9.7300e-003**	**0.2386**	**0.2995**	**0.5381**	**0.0258**	**0.2755**	**0.3013**	**0.0000**	**942.5842**	**942.5842**	**0.3049**		**950.2055**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0126	0.3756	0.1181	7.8000e-004	0.0186	1.1200e-003	0.0197	5.3500e-003	1.0700e-003	6.4200e-003		82.8014	82.8014	5.1500e-003		82.9303
Worker	0.0228	0.0181	0.1564	4.3000e-004	0.0494	3.1000e-004	0.0497	0.0131	2.8000e-004	0.0134		42.5307	42.5307	1.2900e-003		42.5630
Total	**0.0354**	**0.3937**	**0.2745**	**1.2100e-003**	**0.0680**	**1.4300e-003**	**0.0694**	**0.0185**	**1.3500e-003**	**0.0198**		**125.3321**	**125.3321**	**6.4400e-003**		**125.4933**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138		1,152.7797
Total	**0.7965**	**7.2530**	**7.5691**	**0.0120**	**0.7528**	**0.4073**	**1.1601**	**0.4138**	**0.3886**	**0.8024**		**1,147.4338**	**1,147.4338**	**0.2138**		**1,152.7797**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0126	0.3756	0.1181	7.8000e-004	0.0186	1.1200e-003	0.0197	5.3500e-003	1.0700e-003	6.4200e-003		82.8014	82.8014	5.1500e-003		82.9303
Worker	0.0455	0.0362	0.3128	8.5000e-004	0.0989	6.1000e-004	0.0995	0.0262	5.6000e-004	0.0268		85.0614	85.0614	2.5900e-003		85.1260
Total	**0.0581**	**0.4118**	**0.4309**	**1.6300e-003**	**0.1174**	**1.7300e-003**	**0.1192**	**0.0316**	**1.6300e-003**	**0.0332**		**167.8628**	**167.8628**	**7.7400e-003**		**168.0563**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3387	0.0000	0.3387	0.1862	0.0000	0.1862			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797
Total	**0.7965**	**7.2530**	**7.5691**	**0.0120**	**0.3387**	**0.4073**	**0.7461**	**0.1862**	**0.3886**	**0.5748**	**0.0000**	**1,147.4338**	**1,147.4338**	**0.2138**		**1,152.7797**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0126	0.3756	0.1181	7.8000e-004	0.0186	1.1200e-003	0.0197	5.3500e-003	1.0700e-003	6.4200e-003		82.8014	82.8014	5.1500e-003		82.9303
Worker	0.0455	0.0362	0.3128	8.5000e-004	0.0989	6.1000e-004	0.0995	0.0262	5.6000e-004	0.0268		85.0614	85.0614	2.5900e-003		85.1260
Total	**0.0581**	**0.4118**	**0.4309**	**1.6300e-003**	**0.1174**	**1.7300e-003**	**0.1192**	**0.0316**	**1.6300e-003**	**0.0332**		**167.8628**	**167.8628**	**7.7400e-003**		**168.0563**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358
Total	**0.7750**	**7.9850**	**7.2637**	**0.0114**		**0.4475**	**0.4475**		**0.4117**	**0.4117**		**1,103.2158**	**1,103.2158**	**0.3568**		**1,112.1358**

3.5 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0189	0.5634	0.1772	1.1700e-003	0.0279	1.6800e-003	0.0295	8.0200e-003	1.6100e-003	9.6300e-003		124.2021	124.2021	7.7300e-003		124.3954
Worker	0.0728	0.0579	0.5004	1.3700e-003	0.1582	9.8000e-004	0.1592	0.0420	9.0000e-004	0.0429		136.0982	136.0982	4.1400e-003		136.2016
Total	**0.0917**	**0.6214**	**0.6776**	**2.5400e-003**	**0.1860**	**2.6600e-003**	**0.1887**	**0.0500**	**2.5100e-003**	**0.0525**		**260.3004**	**260.3004**	**0.0119**		**260.5971**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358
Total	**0.7750**	**7.9850**	**7.2637**	**0.0114**		**0.4475**	**0.4475**		**0.4117**	**0.4117**	**0.0000**	**1,103.2158**	**1,103.2158**	**0.3568**		**1,112.1358**

3.5 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0189	0.5634	0.1772	1.1700e-003	0.0279	1.6800e-003	0.0295	8.0200e-003	1.6100e-003	9.6300e-003		124.2021	124.2021	7.7300e-003		124.3954
Worker	0.0728	0.0579	0.5004	1.3700e-003	0.1582	9.8000e-004	0.1592	0.0420	9.0000e-004	0.0429		136.0982	136.0982	4.1400e-003		136.2016
Total	**0.0917**	**0.6214**	**0.6776**	**2.5400e-003**	**0.1860**	**2.6600e-003**	**0.1887**	**0.0500**	**2.5100e-003**	**0.0525**		**260.3004**	**260.3004**	**0.0119**		**260.5971**

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.7214**	**6.7178**	**7.0899**	**0.0113**		**0.3534**	**0.3534**		**0.3286**	**0.3286**		**1,035.3425**	**1,035.3425**	**0.3016**		**1,042.8818**

3.6 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0126	0.3756	0.1181	7.8000e-004	0.0186	1.1200e-003	0.0197	5.3500e-003	1.0700e-003	6.4200e-003		82.8014	82.8014	5.1500e-003		82.9303
Worker	0.0819	0.0652	0.5630	1.5400e-003	0.1780	1.1000e-003	0.1791	0.0472	1.0200e-003	0.0482		153.1105	153.1105	4.6500e-003		153.2268
Total	**0.0945**	**0.4408**	**0.6811**	**2.3200e-003**	**0.1965**	**2.2200e-003**	**0.1987**	**0.0526**	**2.0900e-003**	**0.0546**		**235.9119**	**235.9119**	**9.8000e-003**		**236.1571**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.7214**	**6.7178**	**7.0899**	**0.0113**		**0.3534**	**0.3534**		**0.3286**	**0.3286**	**0.0000**	**1,035.3425**	**1,035.3425**	**0.3016**		**1,042.8818**

3.6 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0126	0.3756	0.1181	7.8000e-004	0.0186	1.1200e-003	0.0197	5.3500e-003	1.0700e-003	6.4200e-003		82.8014	82.8014	5.1500e-003		82.9303
Worker	0.0819	0.0652	0.5630	1.5400e-003	0.1780	1.1000e-003	0.1791	0.0472	1.0200e-003	0.0482		153.1105	153.1105	4.6500e-003		153.2268
Total	**0.0945**	**0.4408**	**0.6811**	**2.3200e-003**	**0.1965**	**2.2200e-003**	**0.1987**	**0.0526**	**2.0900e-003**	**0.0546**		**235.9119**	**235.9119**	**9.8000e-003**		**236.1571**

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.3403					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**11.5592**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.7 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0182	0.0145	0.1251	3.4000e-004	0.0395	2.4000e-004	0.0398	0.0105	2.3000e-004	0.0107		34.0246	34.0246	1.0300e-003		34.0504
Total	**0.0182**	**0.0145**	**0.1251**	**3.4000e-004**	**0.0395**	**2.4000e-004**	**0.0398**	**0.0105**	**2.3000e-004**	**0.0107**		**34.0246**	**34.0246**	**1.0300e-003**		**34.0504**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.3403					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**11.5592**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.7 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0182	0.0145	0.1251	3.4000e-004	0.0395	2.4000e-004	0.0398	0.0105	2.3000e-004	0.0107		34.0246	34.0246	1.0300e-003		34.0504
Total	**0.0182**	**0.0145**	**0.1251**	**3.4000e-004**	**0.0395**	**2.4000e-004**	**0.0398**	**0.0105**	**2.3000e-004**	**0.0107**		**34.0246**	**34.0246**	**1.0300e-003**		**34.0504**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Government Office Building	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Government Office Building	13.00	5.00	5.00	33.00	62.00	5.00	50	34	16

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Government Office Building	0.575581	0.029595	0.198288	0.120539	0.026172	0.006482	0.012911	0.019591	0.002354	0.001214	0.005068	0.000784	0.001422

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	7.1000e-004	6.4500e-003	5.4200e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004		7.7457	7.7457	1.5000e-004	1.4000e-004	7.7918
NaturalGas Unmitigated	7.1000e-004	6.4500e-003	5.4200e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004		7.7457	7.7457	1.5000e-004	1.4000e-004	7.7918

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Government Office Building	65.8388	7.1000e-004	6.4500e-003	5.4200e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004		7.7457	7.7457	1.5000e-004	1.4000e-004	7.7918
Total		**7.1000e-004**	**6.4500e-003**	**5.4200e-003**	**4.0000e-005**		**4.9000e-004**	**4.9000e-004**		**4.9000e-004**	**4.9000e-004**		**7.7457**	**7.7457**	**1.5000e-004**	**1.4000e-004**	**7.7918**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Government Office Building	0.0658388	7.1000e-004	6.4500e-003	5.4200e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004		7.7457	7.7457	1.5000e-004	1.4000e-004	7.7918
Total		**7.1000e-004**	**6.4500e-003**	**5.4200e-003**	**4.0000e-005**		**4.9000e-004**	**4.9000e-004**		**4.9000e-004**	**4.9000e-004**		**7.7457**	**7.7457**	**1.5000e-004**	**1.4000e-004**	**7.7918**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0314	0.0000	1.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		3.2000e-004	3.2000e-004	0.0000		3.4000e-004
Unmitigated	0.0314	0.0000	1.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		3.2000e-004	3.2000e-004	0.0000		3.4000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0314					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		3.2000e-004	3.2000e-004	0.0000		3.4000e-004
Total	**0.0314**	**0.0000**	**1.5000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**3.2000e-004**	**3.2000e-004**	**0.0000**		**3.4000e-004**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0314					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		3.2000e-004	3.2000e-004	0.0000		3.4000e-004
Total	**0.0314**	**0.0000**	**1.5000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**3.2000e-004**	**3.2000e-004**	**0.0000**		**3.4000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Trash Enclosure

San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	0.03	User Defined Unit	0.03	1,188.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only project.

Land Use - Estimed size of structure.

Construction Phase - Estimated 3-month construction duration.

Off-road Equipment - Assume combination of manual construction and use of diesel-powered construction equipment to construct enclosure. Added welder.

Off-road Equipment - Site on beach area, minor grading assumed to prepare site for enclosure placement. No concrete/industrial saws needed for grading.

Trips and VMT - Increased worker trips from default during building construction and added haul trips to account for material deliveries.

Grading -

Vehicle Trips - Construction-only project. No change in operational emissions sources.

Consumer Products - Construction-only project. No change in operational emissions sources.

Landscape Equipment - Construction-only project. No change in operational emissions sources.

Energy Use -

Water And Wastewater - Construction-only project. No change in operational emissions sources.

Solid Waste - Construction-only project. No change in operational emissions sources.

Area Coating - Construction-only project.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	594	0
tblAreaCoating	Area_Nonresidential_Interior	1782	0
tblConstructionPhase	NumDays	100.00	61.00
tblConstructionPhase	PhaseEndDate	5/24/2021	3/30/2021
tblLandUse	LandUseSquareFeet	0.00	1,188.00
tblLandUse	LotAcreage	0.00	0.03
tblOffRoadEquipment	OffRoadEquipmentType		Welders
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Building Construction
tblTripsAndVMT	HaulingTripNumber	0.00	20.00
tblTripsAndVMT	WorkerTripNumber	1.00	10.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0289	0.2400	0.2194	3.7000e-004	3.9400e-003	0.0128	0.0167	1.2600e-003	0.0119	0.0132	0.0000	31.6390	31.6390	8.2100e-003	0.0000	31.8442
Maximum	**0.0289**	**0.2400**	**0.2194**	**3.7000e-004**	**3.9400e-003**	**0.0128**	**0.0167**	**1.2600e-003**	**0.0119**	**0.0132**	**0.0000**	**31.6390**	**31.6390**	**8.2100e-003**	**0.0000**	**31.8442**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0289	0.2400	0.2194	3.7000e-004	3.9400e-003	0.0128	0.0167	1.2600e-003	0.0119	0.0132	0.0000	31.6390	31.6390	8.2100e-003	0.0000	31.8442
Maximum	**0.0289**	**0.2400**	**0.2194**	**3.7000e-004**	**3.9400e-003**	**0.0128**	**0.0167**	**1.2600e-003**	**0.0119**	**0.0132**	**0.0000**	**31.6390**	**31.6390**	**8.2100e-003**	**0.0000**	**31.8442**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2021**	**3-31-2021**	0.2698	0.2698
		Highest	0.2698	0.2698

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.6400e-003	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.6400e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.6400e-003	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.6400e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	1/1/2021	1/4/2021	5	2	
2	Building Construction	Building Construction	1/5/2021	3/30/2021	5	61	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Concrete/Industrial Saws	0	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	3	8.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	10.00	0.00	20.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.5000e-004	0.0000	7.5000e-004	4.1000e-004	0.0000	4.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.1000e-004	4.2200e-003	3.9000e-003	1.0000e-005		2.3000e-004	2.3000e-004		2.2000e-004	2.2000e-004	0.0000	0.5033	0.5033	1.6000e-004	0.0000	0.5074
Total	**4.1000e-004**	**4.2200e-003**	**3.9000e-003**	**1.0000e-005**	**7.5000e-004**	**2.3000e-004**	**9.8000e-004**	**4.1000e-004**	**2.2000e-004**	**6.3000e-004**	**0.0000**	**0.5033**	**0.5033**	**1.6000e-004**	**0.0000**	**0.5074**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	3.0000e-005	2.5000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0622	0.0622	0.0000	0.0000	0.0623
Total	**3.0000e-005**	**3.0000e-005**	**2.5000e-004**	**0.0000**	**8.0000e-005**	**0.0000**	**8.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0622**	**0.0622**	**0.0000**	**0.0000**	**0.0623**

3.2 Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.5000e-004	0.0000	7.5000e-004	4.1000e-004	0.0000	4.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.1000e-004	4.2200e-003	3.9000e-003	1.0000e-005		2.3000e-004	2.3000e-004		2.2000e-004	2.2000e-004	0.0000	0.5033	0.5033	1.6000e-004	0.0000	0.5074
Total	**4.1000e-004**	**4.2200e-003**	**3.9000e-003**	**1.0000e-005**	**7.5000e-004**	**2.3000e-004**	**9.8000e-004**	**4.1000e-004**	**2.2000e-004**	**6.3000e-004**	**0.0000**	**0.5033**	**0.5033**	**1.6000e-004**	**0.0000**	**0.5074**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	3.0000e-005	2.5000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0622	0.0622	0.0000	0.0000	0.0623
Total	**3.0000e-005**	**3.0000e-005**	**2.5000e-004**	**0.0000**	**8.0000e-005**	**0.0000**	**8.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0622**	**0.0622**	**0.0000**	**0.0000**	**0.0623**

3.3 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0272	0.2317	0.2050	3.3000e-004		0.0125	0.0125		0.0117	0.0117	0.0000	27.9401	27.9401	7.9300e-003	0.0000	28.1383
Total	**0.0272**	**0.2317**	**0.2050**	**3.3000e-004**		**0.0125**	**0.0125**		**0.0117**	**0.0117**	**0.0000**	**27.9401**	**27.9401**	**7.9300e-003**	**0.0000**	**28.1383**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.0000e-005	2.9400e-003	6.7000e-004	1.0000e-005	1.7000e-004	1.0000e-005	1.8000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.7606	0.7606	4.0000e-005	0.0000	0.7617
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2400e-003	1.0800e-003	9.5100e-003	3.0000e-005	2.9400e-003	2.0000e-005	2.9500e-003	7.8000e-004	2.0000e-005	8.0000e-004	0.0000	2.3728	2.3728	7.0000e-005	0.0000	2.3746
Total	**1.3200e-003**	**4.0200e-003**	**0.0102**	**4.0000e-005**	**3.1100e-003**	**3.0000e-005**	**3.1300e-003**	**8.3000e-004**	**3.0000e-005**	**8.6000e-004**	**0.0000**	**3.1334**	**3.1334**	**1.1000e-004**	**0.0000**	**3.1363**

3.3 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0272	0.2317	0.2050	3.3000e-004		0.0125	0.0125		0.0117	0.0117	0.0000	27.9401	27.9401	7.9300e-003	0.0000	28.1383
Total	**0.0272**	**0.2317**	**0.2050**	**3.3000e-004**		**0.0125**	**0.0125**		**0.0117**	**0.0117**	**0.0000**	**27.9401**	**27.9401**	**7.9300e-003**	**0.0000**	**28.1383**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.0000e-005	2.9400e-003	6.7000e-004	1.0000e-005	1.7000e-004	1.0000e-005	1.8000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.7606	0.7606	4.0000e-005	0.0000	0.7617
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2400e-003	1.0800e-003	9.5100e-003	3.0000e-005	2.9400e-003	2.0000e-005	2.9500e-003	7.8000e-004	2.0000e-005	8.0000e-004	0.0000	2.3728	2.3728	7.0000e-005	0.0000	2.3746
Total	**1.3200e-003**	**4.0200e-003**	**0.0102**	**4.0000e-005**	**3.1100e-003**	**3.0000e-005**	**3.1300e-003**	**8.3000e-004**	**3.0000e-005**	**8.6000e-004**	**0.0000**	**3.1334**	**3.1334**	**1.1000e-004**	**0.0000**	**3.1363**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.575581	0.029595	0.198288	0.120539	0.026172	0.006482	0.012911	0.019591	0.002354	0.001214	0.005068	0.000784	0.001422

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.6400e-003	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	4.6400e-003	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.6400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.6400e-003**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.6400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.6400e-003**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Recreational	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Recreational	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Trash Enclosure

San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	0.03	User Defined Unit	0.03	1,188.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only project.

Land Use - Estimed size of structure.

Construction Phase - Estimated 3-month construction duration.

Off-road Equipment - Assume combination of manual construction and use of diesel-powered construction equipment to construct enclosure. Added welder.

Off-road Equipment - Site on beach area, minor grading assumed to prepare site for enclosure placement. No concrete/industrial saws needed for grading.

Trips and VMT - Increased worker trips from default during building construction and added haul trips to account for material deliveries.

Grading -

Vehicle Trips - Construction-only project. No change in operational emissions sources.

Consumer Products - Construction-only project. No change in operational emissions sources.

Landscape Equipment - Construction-only project. No change in operational emissions sources.

Energy Use -

Water And Wastewater - Construction-only project. No change in operational emissions sources.

Solid Waste - Construction-only project. No change in operational emissions sources.

Area Coating - Construction-only project.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	594	0
tblAreaCoating	Area_Nonresidential_Interior	1782	0
tblConstructionPhase	NumDays	100.00	61.00
tblConstructionPhase	PhaseEndDate	5/24/2021	3/30/2021
tblLandUse	LandUseSquareFeet	0.00	1,188.00
tblLandUse	LotAcreage	0.00	0.03
tblOffRoadEquipment	OffRoadEquipmentType		Welders
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Building Construction
tblTripsAndVMT	HaulingTripNumber	0.00	20.00
tblTripsAndVMT	WorkerTripNumber	1.00	10.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	0.9328	7.7247	7.0658	0.0120	0.8319	0.4109	1.0666	0.4348	0.3840	0.6507	0.0000	1,126.6973	1,126.6973	0.2908	0.0000	1,133.9662
Maximum	**0.9328**	**7.7247**	**7.0658**	**0.0120**	**0.8319**	**0.4109**	**1.0666**	**0.4348**	**0.3840**	**0.6507**	**0.0000**	**1,126.6973**	**1,126.6973**	**0.2908**	**0.0000**	**1,133.9662**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	0.9328	7.7247	7.0658	0.0120	0.8319	0.4109	1.0666	0.4348	0.3840	0.6507	0.0000	1,126.6973	1,126.6973	0.2908	0.0000	1,133.9662
Maximum	**0.9328**	**7.7247**	**7.0658**	**0.0120**	**0.8319**	**0.4109**	**1.0666**	**0.4348**	**0.3840**	**0.6507**	**0.0000**	**1,126.6973**	**1,126.6973**	**0.2908**	**0.0000**	**1,133.9662**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0254	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		1.0000e-005	1.0000e-005	0.0000		1.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0254**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**0.0000**	**1.0000e-005**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0254	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		1.0000e-005	1.0000e-005	0.0000		1.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0254**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**0.0000**	**1.0000e-005**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	1/1/2021	1/4/2021	5	2	
2	Building Construction	Building Construction	1/5/2021	3/30/2021	5	61	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Concrete/Industrial Saws	0	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	3	8.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	10.00	0.00	20.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.4117	4.2151	3.8951	5.7300e-003		0.2342	0.2342		0.2155	0.2155		554.7691	554.7691	0.1794		559.2547
Total	**0.4117**	**4.2151**	**3.8951**	**5.7300e-003**	**0.7528**	**0.2342**	**0.9870**	**0.4138**	**0.2155**	**0.6293**		**554.7691**	**554.7691**	**0.1794**		**559.2547**

3.2 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0319	0.0255	0.2579	7.2000e-004	0.0791	4.9000e-004	0.0796	0.0210	4.5000e-004	0.0214		71.3922	71.3922	2.1400e-003		71.4458
Total	**0.0319**	**0.0255**	**0.2579**	**7.2000e-004**	**0.0791**	**4.9000e-004**	**0.0796**	**0.0210**	**4.5000e-004**	**0.0214**		**71.3922**	**71.3922**	**2.1400e-003**		**71.4458**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.4117	4.2151	3.8951	5.7300e-003		0.2342	0.2342		0.2155	0.2155	0.0000	554.7691	554.7691	0.1794		559.2547
Total	**0.4117**	**4.2151**	**3.8951**	**5.7300e-003**	**0.7528**	**0.2342**	**0.9870**	**0.4138**	**0.2155**	**0.6293**	**0.0000**	**554.7691**	**554.7691**	**0.1794**		**559.2547**

3.2 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0319	0.0255	0.2579	7.2000e-004	0.0791	4.9000e-004	0.0796	0.0210	4.5000e-004	0.0214		71.3922	71.3922	2.1400e-003		71.4458
Total	**0.0319**	**0.0255**	**0.2579**	**7.2000e-004**	**0.0791**	**4.9000e-004**	**0.0796**	**0.0210**	**4.5000e-004**	**0.0214**		**71.3922**	**71.3922**	**2.1400e-003**		**71.4458**

3.3 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8904	7.5981	6.7223	0.0108		0.4099	0.4099		0.3830	0.3830		1,009.7934	1,009.7934	0.2865		1,016.9560
Total	**0.8904**	**7.5981**	**6.7223**	**0.0108**		**0.4099**	**0.4099**		**0.3830**	**0.3830**		**1,009.7934**	**1,009.7934**	**0.2865**		**1,016.9560**

3.3 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.6200e-003	0.0947	0.0212	2.6000e-004	5.7200e-003	4.0000e-004	6.1200e-003	1.5700e-003	3.8000e-004	1.9500e-003		27.6637	27.6637	1.5700e-003		27.7030
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0398	0.0319	0.3224	9.0000e-004	0.0989	6.1000e-004	0.0995	0.0262	5.6000e-004	0.0268		89.2402	89.2402	2.6800e-003		89.3072
Total	**0.0425**	**0.1266**	**0.3436**	**1.1600e-003**	**0.1046**	**1.0100e-003**	**0.1056**	**0.0278**	**9.4000e-004**	**0.0287**		**116.9039**	**116.9039**	**4.2500e-003**		**117.0103**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8904	7.5981	6.7223	0.0108		0.4099	0.4099		0.3830	0.3830	0.0000	1,009.7934	1,009.7934	0.2865		1,016.9560
Total	**0.8904**	**7.5981**	**6.7223**	**0.0108**		**0.4099**	**0.4099**		**0.3830**	**0.3830**	**0.0000**	**1,009.7934**	**1,009.7934**	**0.2865**		**1,016.9560**

3.3 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.6200e-003	0.0947	0.0212	2.6000e-004	5.7200e-003	4.0000e-004	6.1200e-003	1.5700e-003	3.8000e-004	1.9500e-003		27.6637	27.6637	1.5700e-003		27.7030
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0398	0.0319	0.3224	9.0000e-004	0.0989	6.1000e-004	0.0995	0.0262	5.6000e-004	0.0268		89.2402	89.2402	2.6800e-003		89.3072
Total	**0.0425**	**0.1266**	**0.3436**	**1.1600e-003**	**0.1046**	**1.0100e-003**	**0.1056**	**0.0278**	**9.4000e-004**	**0.0287**		**116.9039**	**116.9039**	**4.2500e-003**		**117.0103**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.575581	0.029595	0.198288	0.120539	0.026172	0.006482	0.012911	0.019591	0.002354	0.001214	0.005068	0.000784	0.001422

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0254	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		1.0000e-005	1.0000e-005	0.0000		1.0000e-005
Unmitigated	0.0254	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		1.0000e-005	1.0000e-005	0.0000		1.0000e-005

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0254					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		1.0000e-005	1.0000e-005	0.0000		1.0000e-005
Total	**0.0254**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.0000e-005**	**1.0000e-005**	**0.0000**		**1.0000e-005**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0254					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		1.0000e-005	1.0000e-005	0.0000		1.0000e-005
Total	**0.0254**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.0000e-005**	**1.0000e-005**	**0.0000**		**1.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Trash Enclosure

San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	0.03	User Defined Unit	0.03	1,188.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only project.

Land Use - Estimed size of structure.

Construction Phase - Estimated 3-month construction duration.

Off-road Equipment - Assume combination of manual construction and use of diesel-powered construction equipment to construct enclosure. Added welder.

Off-road Equipment - Site on beach area, minor grading assumed to prepare site for enclosure placement. No concrete/industrial saws needed for grading.

Trips and VMT - Increased worker trips from default during building construction and added haul trips to account for material deliveries.

Grading -

Vehicle Trips - Construction-only project. No change in operational emissions sources.

Consumer Products - Construction-only project. No change in operational emissions sources.

Landscape Equipment - Construction-only project. No change in operational emissions sources.

Energy Use -

Water And Wastewater - Construction-only project. No change in operational emissions sources.

Solid Waste - Construction-only project. No change in operational emissions sources.

Area Coating - Construction-only project.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	594	0
tblAreaCoating	Area_Nonresidential_Interior	1782	0
tblConstructionPhase	NumDays	100.00	61.00
tblConstructionPhase	PhaseEndDate	5/24/2021	3/30/2021
tblLandUse	LandUseSquareFeet	0.00	1,188.00
tblLandUse	LotAcreage	0.00	0.03
tblOffRoadEquipment	OffRoadEquipmentType		Welders
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Building Construction
tblTripsAndVMT	HaulingTripNumber	0.00	20.00
tblTripsAndVMT	WorkerTripNumber	1.00	10.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	0.9386	7.7295	7.0576	0.0119	0.8319	0.4109	1.0666	0.4348	0.3840	0.6507	0.0000	1,122.1034	1,122.1034	0.2907	0.0000	1,129.3712
Maximum	**0.9386**	**7.7295**	**7.0576**	**0.0119**	**0.8319**	**0.4109**	**1.0666**	**0.4348**	**0.3840**	**0.6507**	**0.0000**	**1,122.1034**	**1,122.1034**	**0.2907**	**0.0000**	**1,129.3712**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	0.9386	7.7295	7.0576	0.0119	0.8319	0.4109	1.0666	0.4348	0.3840	0.6507	0.0000	1,122.1034	1,122.1034	0.2907	0.0000	1,129.3712
Maximum	**0.9386**	**7.7295**	**7.0576**	**0.0119**	**0.8319**	**0.4109**	**1.0666**	**0.4348**	**0.3840**	**0.6507**	**0.0000**	**1,122.1034**	**1,122.1034**	**0.2907**	**0.0000**	**1,129.3712**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0254	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		1.0000e-005	1.0000e-005	0.0000		1.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0254**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**0.0000**	**1.0000e-005**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0254	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		1.0000e-005	1.0000e-005	0.0000		1.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0254**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**0.0000**	**1.0000e-005**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	1/1/2021	1/4/2021	5	2	
2	Building Construction	Building Construction	1/5/2021	3/30/2021	5	61	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Concrete/Industrial Saws	0	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	3	8.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	10.00	0.00	20.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.4117	4.2151	3.8951	5.7300e-003		0.2342	0.2342		0.2155	0.2155		554.7691	554.7691	0.1794		559.2547
Total	**0.4117**	**4.2151**	**3.8951**	**5.7300e-003**	**0.7528**	**0.2342**	**0.9870**	**0.4138**	**0.2155**	**0.6293**		**554.7691**	**554.7691**	**0.1794**		**559.2547**

3.2 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0364	0.0290	0.2502	6.8000e-004	0.0791	4.9000e-004	0.0796	0.0210	4.5000e-004	0.0214		68.0491	68.0491	2.0700e-003		68.1008
Total	**0.0364**	**0.0290**	**0.2502**	**6.8000e-004**	**0.0791**	**4.9000e-004**	**0.0796**	**0.0210**	**4.5000e-004**	**0.0214**		**68.0491**	**68.0491**	**2.0700e-003**		**68.1008**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.4117	4.2151	3.8951	5.7300e-003		0.2342	0.2342		0.2155	0.2155	0.0000	554.7691	554.7691	0.1794		559.2547
Total	**0.4117**	**4.2151**	**3.8951**	**5.7300e-003**	**0.7528**	**0.2342**	**0.9870**	**0.4138**	**0.2155**	**0.6293**	**0.0000**	**554.7691**	**554.7691**	**0.1794**		**559.2547**

3.2 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0364	0.0290	0.2502	6.8000e-004	0.0791	4.9000e-004	0.0796	0.0210	4.5000e-004	0.0214		68.0491	68.0491	2.0700e-003		68.1008
Total	**0.0364**	**0.0290**	**0.2502**	**6.8000e-004**	**0.0791**	**4.9000e-004**	**0.0796**	**0.0210**	**4.5000e-004**	**0.0214**		**68.0491**	**68.0491**	**2.0700e-003**		**68.1008**

3.3 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8904	7.5981	6.7223	0.0108		0.4099	0.4099		0.3830	0.3830		1,009.7934	1,009.7934	0.2865		1,016.9560
Total	**0.8904**	**7.5981**	**6.7223**	**0.0108**		**0.4099**	**0.4099**		**0.3830**	**0.3830**		**1,009.7934**	**1,009.7934**	**0.2865**		**1,016.9560**

3.3 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.7000e-003	0.0953	0.0225	2.5000e-004	5.7200e-003	4.1000e-004	6.1300e-003	1.5700e-003	3.9000e-004	1.9600e-003		27.2486	27.2486	1.6200e-003		27.2892
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0455	0.0362	0.3128	8.5000e-004	0.0989	6.1000e-004	0.0995	0.0262	5.6000e-004	0.0268		85.0614	85.0614	2.5900e-003		85.1260
Total	**0.0482**	**0.1315**	**0.3353**	**1.1000e-003**	**0.1046**	**1.0200e-003**	**0.1056**	**0.0278**	**9.5000e-004**	**0.0287**		**112.3100**	**112.3100**	**4.2100e-003**		**112.4152**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8904	7.5981	6.7223	0.0108		0.4099	0.4099		0.3830	0.3830	0.0000	1,009.7934	1,009.7934	0.2865		1,016.9560
Total	**0.8904**	**7.5981**	**6.7223**	**0.0108**		**0.4099**	**0.4099**		**0.3830**	**0.3830**	**0.0000**	**1,009.7934**	**1,009.7934**	**0.2865**		**1,016.9560**

3.3 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.7000e-003	0.0953	0.0225	2.5000e-004	5.7200e-003	4.1000e-004	6.1300e-003	1.5700e-003	3.9000e-004	1.9600e-003		27.2486	27.2486	1.6200e-003		27.2892
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0455	0.0362	0.3128	8.5000e-004	0.0989	6.1000e-004	0.0995	0.0262	5.6000e-004	0.0268		85.0614	85.0614	2.5900e-003		85.1260
Total	**0.0482**	**0.1315**	**0.3353**	**1.1000e-003**	**0.1046**	**1.0200e-003**	**0.1056**	**0.0278**	**9.5000e-004**	**0.0287**		**112.3100**	**112.3100**	**4.2100e-003**		**112.4152**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.575581	0.029595	0.198288	0.120539	0.026172	0.006482	0.012911	0.019591	0.002354	0.001214	0.005068	0.000784	0.001422

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0254	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		1.0000e-005	1.0000e-005	0.0000		1.0000e-005
Unmitigated	0.0254	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		1.0000e-005	1.0000e-005	0.0000		1.0000e-005

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0254					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		1.0000e-005	1.0000e-005	0.0000		1.0000e-005
Total	**0.0254**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.0000e-005**	**1.0000e-005**	**0.0000**		**1.0000e-005**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0254					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		1.0000e-005	1.0000e-005	0.0000		1.0000e-005
Total	**0.0254**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.0000e-005**	**1.0000e-005**	**0.0000**		**1.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - North Beach Campground Facility Improvements

San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	0.29	1000sqft	0.53	290.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only Project.

Land Use - Total site area appx 0.53 acres; 290 sq ft kiosk plus parking and surrounding area improvements.

Demolition -

Trips and VMT - Added building and architectural coating worker trips proportional to number of equipment pieces. Added vendor trips to account for water truck.

Off-road Equipment - Reduced cement and mortar mixer to 1 onsite daily for 0.5 acre site.

Off-road Equipment - Reduced forklifts and tractors/loaders/backhoes to one each on-site daily for 290 sq foot kiosk and ancillary improvements on 0.5 acre site.

Off-road Equipment - Reduced tractors/loaders/backhoes to one on-site daily for 0.5 acre site.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading -

Vehicle Trips - Construction-only Project.

Consumer Products - Construction-only Project.

Area Coating - Construction-only Project.

Landscape Equipment - Construction-only Project.

Energy Use - Construction-only Project.

Water And Wastewater - Construction-only Project.

Solid Waste - Construction-only Project.

Construction Off-road Equipment Mitigation - Water exposed area at least twice daily.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	145	0
tblAreaCoating	Area_Nonresidential_Interior	435	0
tblEnergyUse	LightingElect	3.88	0.00
tblEnergyUse	NT24E	7.84	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	T24E	6.11	0.00
tblEnergyUse	T24NG	16.31	0.00
tblLandUse	LotAcreage	0.01	0.53
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblSolidWaste	SolidWasteGenerationRate	0.27	0.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblWater	IndoorWaterUseRate	51,542.79	0.00
tblWater	OutdoorWaterUseRate	31,590.74	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0336	0.2975	0.2851	5.3000e-004	6.9700e-003	0.0145	0.0215	1.9600e-003	0.0134	0.0154	0.0000	46.6256	46.6256	0.0123	0.0000	46.9335
Maximum	**0.0336**	**0.2975**	**0.2851**	**5.3000e-004**	**6.9700e-003**	**0.0145**	**0.0215**	**1.9600e-003**	**0.0134**	**0.0154**	**0.0000**	**46.6256**	**46.6256**	**0.0123**	**0.0000**	**46.9335**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0336	0.2975	0.2851	5.3000e-004	6.0400e-003	0.0145	0.0205	1.6600e-003	0.0134	0.0151	0.0000	46.6256	46.6256	0.0123	0.0000	46.9334
Maximum	**0.0336**	**0.2975**	**0.2851**	**5.3000e-004**	**6.0400e-003**	**0.0145**	**0.0205**	**1.6600e-003**	**0.0134**	**0.0151**	**0.0000**	**46.6256**	**46.6256**	**0.0123**	**0.0000**	**46.9334**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**13.34**	**0.00**	**4.34**	**15.31**	**0.00**	**1.95**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2022**	**3-31-2022**	0.1832	0.1832
2	**4-1-2022**	**6-30-2022**	0.1506	0.1506
		Highest	0.1832	0.1832

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.1300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1300e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.1300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1300e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2022	1/14/2022	5	10	
2	Site Preparation	Site Preparation	1/15/2022	1/17/2022	5	1	
3	Grading	Grading	1/18/2022	1/19/2022	5	2	
4	Building Construction	Building Construction	1/20/2022	6/8/2022	5	100	
5	Paving	Paving	6/9/2022	6/15/2022	5	5	
6	Architectural Coating	Architectural Coating	6/16/2022	6/22/2022	5	5	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 435; Non-Residential Outdoor: 145; Striped Parking Area: 0 (Architectural Coating – sqft)

<u>OffRoad Equipment</u>

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	2.00	6.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	3	8.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	4	10.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.6000e-004	0.0000	6.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.5500e-003	0.0321	0.0374	6.0000e-005		1.6900e-003	1.6900e-003		1.6100e-003	1.6100e-003	0.0000	5.2068	5.2068	9.6000e-004	0.0000	5.2308
Total	**3.5500e-003**	**0.0321**	**0.0374**	**6.0000e-005**	**6.6000e-004**	**1.6900e-003**	**2.3500e-003**	**1.0000e-004**	**1.6100e-003**	**1.7100e-003**	**0.0000**	**5.2068**	**5.2068**	**9.6000e-004**	**0.0000**	**5.2308**

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	8.1000e-004	1.9000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.2255	0.2255	1.0000e-005	0.0000	0.2258
Vendor	3.0000e-005	9.0000e-004	2.6000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.1899	0.1899	1.0000e-005	0.0000	0.1902
Worker	1.9000e-004	1.6000e-004	1.4300e-003	0.0000	4.8000e-004	0.0000	4.8000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.3751	0.3751	1.0000e-005	0.0000	0.3753
Total	**2.4000e-004**	**1.8700e-003**	**1.8800e-003**	**0.0000**	**5.8000e-004**	**0.0000**	**5.8000e-004**	**1.5000e-004**	**0.0000**	**1.7000e-004**	**0.0000**	**0.7905**	**0.7905**	**3.0000e-005**	**0.0000**	**0.7914**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.0000e-004	0.0000	3.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.5500e-003	0.0321	0.0374	6.0000e-005		1.6900e-003	1.6900e-003		1.6100e-003	1.6100e-003	0.0000	5.2068	5.2068	9.6000e-004	0.0000	5.2308
Total	**3.5500e-003**	**0.0321**	**0.0374**	**6.0000e-005**	**3.0000e-004**	**1.6900e-003**	**1.9900e-003**	**5.0000e-005**	**1.6100e-003**	**1.6600e-003**	**0.0000**	**5.2068**	**5.2068**	**9.6000e-004**	**0.0000**	**5.2308**

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	8.1000e-004	1.9000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.2255	0.2255	1.0000e-005	0.0000	0.2258
Vendor	3.0000e-005	9.0000e-004	2.6000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.1899	0.1899	1.0000e-005	0.0000	0.1902
Worker	1.9000e-004	1.6000e-004	1.4300e-003	0.0000	4.8000e-004	0.0000	4.8000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.3751	0.3751	1.0000e-005	0.0000	0.3753
Total	**2.4000e-004**	**1.8700e-003**	**1.8800e-003**	**0.0000**	**5.8000e-004**	**0.0000**	**5.8000e-004**	**1.5000e-004**	**0.0000**	**1.7000e-004**	**0.0000**	**0.7905**	**0.7905**	**3.0000e-005**	**0.0000**	**0.7914**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9000e-004	3.4700e-003	1.9800e-003	0.0000		1.3000e-004	1.3000e-004		1.2000e-004	1.2000e-004	0.0000	0.4275	0.4275	1.4000e-004	0.0000	0.4310
Total	**2.9000e-004**	**3.4700e-003**	**1.9800e-003**	**0.0000**	**2.7000e-004**	**1.3000e-004**	**4.0000e-004**	**3.0000e-005**	**1.2000e-004**	**1.5000e-004**	**0.0000**	**0.4275**	**0.4275**	**1.4000e-004**	**0.0000**	**0.4310**

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	9.0000e-005	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0190	0.0190	0.0000	0.0000	0.0190
Worker	1.0000e-005	1.0000e-005	7.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0188	0.0188	0.0000	0.0000	0.0188
Total	**1.0000e-005**	**1.0000e-004**	**1.0000e-004**	**0.0000**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0377**	**0.0377**	**0.0000**	**0.0000**	**0.0378**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2000e-004	0.0000	1.2000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9000e-004	3.4700e-003	1.9800e-003	0.0000		1.3000e-004	1.3000e-004		1.2000e-004	1.2000e-004	0.0000	0.4275	0.4275	1.4000e-004	0.0000	0.4310
Total	**2.9000e-004**	**3.4700e-003**	**1.9800e-003**	**0.0000**	**1.2000e-004**	**1.3000e-004**	**2.5000e-004**	**1.0000e-005**	**1.2000e-004**	**1.3000e-004**	**0.0000**	**0.4275**	**0.4275**	**1.4000e-004**	**0.0000**	**0.4310**

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	9.0000e-005	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0190	0.0190	0.0000	0.0000	0.0190
Worker	1.0000e-005	1.0000e-005	7.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0188	0.0188	0.0000	0.0000	0.0188
Total	**1.0000e-005**	**1.0000e-004**	**1.0000e-004**	**0.0000**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0377**	**0.0377**	**0.0000**	**0.0000**	**0.0378**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.5000e-004	0.0000	7.5000e-004	4.1000e-004	0.0000	4.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.9000e-004	5.1600e-003	5.7900e-003	1.0000e-005		2.7000e-004	2.7000e-004		2.6000e-004	2.6000e-004	0.0000	0.8364	0.8364	1.3000e-004	0.0000	0.8396
Total	**5.9000e-004**	**5.1600e-003**	**5.7900e-003**	**1.0000e-005**	**7.5000e-004**	**2.7000e-004**	**1.0200e-003**	**4.1000e-004**	**2.6000e-004**	**6.7000e-004**	**0.0000**	**0.8364**	**0.8364**	**1.3000e-004**	**0.0000**	**0.8396**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	1.8000e-004	5.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0380	0.0380	0.0000	0.0000	0.0380
Worker	3.0000e-005	3.0000e-005	2.3000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0600	0.0600	0.0000	0.0000	0.0601
Total	**4.0000e-005**	**2.1000e-004**	**2.8000e-004**	**0.0000**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0980**	**0.0980**	**0.0000**	**0.0000**	**0.0981**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.4000e-004	0.0000	3.4000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.9000e-004	5.1600e-003	5.7900e-003	1.0000e-005		2.7000e-004	2.7000e-004		2.6000e-004	2.6000e-004	0.0000	0.8364	0.8364	1.3000e-004	0.0000	0.8396
Total	**5.9000e-004**	**5.1600e-003**	**5.7900e-003**	**1.0000e-005**	**3.4000e-004**	**2.7000e-004**	**6.1000e-004**	**1.9000e-004**	**2.6000e-004**	**4.5000e-004**	**0.0000**	**0.8364**	**0.8364**	**1.3000e-004**	**0.0000**	**0.8396**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	1.8000e-004	5.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0380	0.0380	0.0000	0.0000	0.0380
Worker	3.0000e-005	3.0000e-005	2.3000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0600	0.0600	0.0000	0.0000	0.0601
Total	**4.0000e-005**	**2.1000e-004**	**2.8000e-004**	**0.0000**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0980**	**0.0980**	**0.0000**	**0.0000**	**0.0981**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0218	0.2280	0.2025	3.6000e-004		0.0115	0.0115		0.0106	0.0106	0.0000	31.3740	31.3740	0.0102	0.0000	31.6276
Total	**0.0218**	**0.2280**	**0.2025**	**3.6000e-004**		**0.0115**	**0.0115**		**0.0106**	**0.0106**	**0.0000**	**31.3740**	**31.3740**	**0.0102**	**0.0000**	**31.6276**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8000e-004	9.0400e-003	2.5700e-003	2.0000e-005	4.5000e-004	2.0000e-005	4.8000e-004	1.3000e-004	2.0000e-005	1.5000e-004	0.0000	1.8993	1.8993	1.1000e-004	0.0000	1.9021
Worker	1.5300e-003	1.2800e-003	0.0114	3.0000e-005	3.8500e-003	2.0000e-005	3.8700e-003	1.0200e-003	2.0000e-005	1.0500e-003	0.0000	3.0006	3.0006	8.0000e-005	0.0000	3.0027
Total	**1.8100e-003**	**0.0103**	**0.0140**	**5.0000e-005**	**4.3000e-003**	**4.0000e-005**	**4.3500e-003**	**1.1500e-003**	**4.0000e-005**	**1.2000e-003**	**0.0000**	**4.8999**	**4.8999**	**1.9000e-004**	**0.0000**	**4.9048**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0218	0.2280	0.2025	3.6000e-004		0.0115	0.0115		0.0106	0.0106	0.0000	31.3739	31.3739	0.0102	0.0000	31.6276
Total	**0.0218**	**0.2280**	**0.2025**	**3.6000e-004**		**0.0115**	**0.0115**		**0.0106**	**0.0106**	**0.0000**	**31.3739**	**31.3739**	**0.0102**	**0.0000**	**31.6276**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8000e-004	9.0400e-003	2.5700e-003	2.0000e-005	4.5000e-004	2.0000e-005	4.8000e-004	1.3000e-004	2.0000e-005	1.5000e-004	0.0000	1.8993	1.8993	1.1000e-004	0.0000	1.9021
Worker	1.5300e-003	1.2800e-003	0.0114	3.0000e-005	3.8500e-003	2.0000e-005	3.8700e-003	1.0200e-003	2.0000e-005	1.0500e-003	0.0000	3.0006	3.0006	8.0000e-005	0.0000	3.0027
Total	**1.8100e-003**	**0.0103**	**0.0140**	**5.0000e-005**	**4.3000e-003**	**4.0000e-005**	**4.3500e-003**	**1.1500e-003**	**4.0000e-005**	**1.2000e-003**	**0.0000**	**4.8999**	**4.8999**	**1.9000e-004**	**0.0000**	**4.9048**

3.6 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.2900e-003	0.0127	0.0159	2.0000e-005		6.6000e-004	6.6000e-004		6.1000e-004	6.1000e-004	0.0000	2.0914	2.0914	6.6000e-004	0.0000	2.1079
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2900e-003**	**0.0127**	**0.0159**	**2.0000e-005**		**6.6000e-004**	**6.6000e-004**		**6.1000e-004**	**6.1000e-004**	**0.0000**	**2.0914**	**2.0914**	**6.6000e-004**	**0.0000**	**2.1079**

3.6 Paving - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	8.0000e-005	7.1000e-004	0.0000	2.4000e-004	0.0000	2.4000e-004	6.0000e-005	0.0000	7.0000e-005	0.0000	0.1875	0.1875	1.0000e-005	0.0000	0.1877
Total	**1.0000e-004**	**8.0000e-005**	**7.1000e-004**	**0.0000**	**2.4000e-004**	**0.0000**	**2.4000e-004**	**6.0000e-005**	**0.0000**	**7.0000e-005**	**0.0000**	**0.1875**	**0.1875**	**1.0000e-005**	**0.0000**	**0.1877**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.2900e-003	0.0127	0.0159	2.0000e-005		6.6000e-004	6.6000e-004		6.1000e-004	6.1000e-004	0.0000	2.0914	2.0914	6.6000e-004	0.0000	2.1079
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2900e-003**	**0.0127**	**0.0159**	**2.0000e-005**		**6.6000e-004**	**6.6000e-004**		**6.1000e-004**	**6.1000e-004**	**0.0000**	**2.0914**	**2.0914**	**6.6000e-004**	**0.0000**	**2.1079**

3.6 Paving - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	8.0000e-005	7.1000e-004	0.0000	2.4000e-004	0.0000	2.4000e-004	6.0000e-005	0.0000	7.0000e-005	0.0000	0.1875	0.1875	1.0000e-005	0.0000	0.1877
Total	**1.0000e-004**	**8.0000e-005**	**7.1000e-004**	**0.0000**	**2.4000e-004**	**0.0000**	**2.4000e-004**	**6.0000e-005**	**0.0000**	**7.0000e-005**	**0.0000**	**0.1875**	**0.1875**	**1.0000e-005**	**0.0000**	**0.1877**

3.7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.3600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.1000e-004	3.5200e-003	4.5300e-003	1.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6394
Total	**3.8700e-003**	**3.5200e-003**	**4.5300e-003**	**1.0000e-005**		**2.0000e-004**	**2.0000e-004**		**2.0000e-004**	**2.0000e-004**	**0.0000**	**0.6383**	**0.6383**	**4.0000e-005**	**0.0000**	**0.6394**

3.7 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	2.0000e-005	1.4000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0375	0.0375	0.0000	0.0000	0.0375
Total	**2.0000e-005**	**2.0000e-005**	**1.4000e-004**	**0.0000**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0375**	**0.0375**	**0.0000**	**0.0000**	**0.0375**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.3600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.1000e-004	3.5200e-003	4.5300e-003	1.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6394
Total	**3.8700e-003**	**3.5200e-003**	**4.5300e-003**	**1.0000e-005**		**2.0000e-004**	**2.0000e-004**		**2.0000e-004**	**2.0000e-004**	**0.0000**	**0.6383**	**0.6383**	**4.0000e-005**	**0.0000**	**0.6394**

3.7 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	2.0000e-005	1.4000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0375	0.0375	0.0000	0.0000	0.0375
Total	**2.0000e-005**	**2.0000e-005**	**1.4000e-004**	**0.0000**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0375**	**0.0375**	**0.0000**	**0.0000**	**0.0375**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	13.00	5.00	5.00	33.00	48.00	19.00	77	19	4

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.582546	0.028575	0.198242	0.117308	0.024121	0.006096	0.012865	0.019735	0.002341	0.001188	0.004913	0.000770	0.001299

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.1300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	1.1300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.1300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1300e-003**					**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.1300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1300e-003**					**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - North Beach Campground Facility Improvements

San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	0.29	1000sqft	0.53	290.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only Project.

Land Use - Total site area appx 0.53 acres; 290 sq ft kiosk plus parking and surrounding area improvements.

Demolition -

Trips and VMT - Added building and architectural coating worker trips proportional to number of equipment pieces. Added vendor trips to account for water truck.

Off-road Equipment - Reduced cement and mortar mixer to 1 onsite daily for 0.5 acre site.

Off-road Equipment - Reduced forklifts and tractors/loaders/backhoes to one each on-site daily for 290 sq foot kiosk and ancillary improvements on 0.5 acre site.

Off-road Equipment - Reduced tractors/loaders/backhoes to one on-site daily for 0.5 acre site.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading -

Vehicle Trips - Construction-only Project.

Consumer Products - Construction-only Project.

Area Coating - Construction-only Project.

Landscape Equipment - Construction-only Project.

Energy Use - Construction-only Project.

Water And Wastewater - Construction-only Project.

Solid Waste - Construction-only Project.

Construction Off-road Equipment Mitigation - Water exposed area at least twice daily.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	145	0
tblAreaCoating	Area_Nonresidential_Interior	435	0
tblEnergyUse	LightingElect	3.88	0.00
tblEnergyUse	NT24E	7.84	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	T24E	6.11	0.00
tblEnergyUse	T24NG	16.31	0.00
tblLandUse	LotAcreage	0.01	0.53
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblSolidWaste	SolidWasteGenerationRate	0.27	0.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblWater	IndoorWaterUseRate	51,542.79	0.00
tblWater	OutdoorWaterUseRate	31,590.74	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	1.5562	7.1274	7.8507	0.0137	0.8411	0.3392	1.1120	0.4374	0.3241	0.6987	0.0000	1,326.4102	1,326.4102	0.3084	0.0000	1,331.9001
Maximum	**1.5562**	**7.1274**	**7.8507**	**0.0137**	**0.8411**	**0.3392**	**1.1120**	**0.4374**	**0.3241**	**0.6987**	**0.0000**	**1,326.4102**	**1,326.4102**	**0.3084**	**0.0000**	**1,331.9001**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	1.5562	7.1274	7.8507	0.0137	0.4271	0.3392	0.6980	0.2099	0.3241	0.4711	0.0000	1,326.4102	1,326.4102	0.3084	0.0000	1,331.9001
Maximum	**1.5562**	**7.1274**	**7.8507**	**0.0137**	**0.4271**	**0.3392**	**0.6980**	**0.2099**	**0.3241**	**0.4711**	**0.0000**	**1,326.4102**	**1,326.4102**	**0.3084**	**0.0000**	**1,331.9001**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**49.22**	**0.00**	**37.23**	**52.03**	**0.00**	**32.57**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6.2100e-003	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		6.0000e-005	6.0000e-005	0.0000		7.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**6.2100e-003**	**0.0000**	**3.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**7.0000e-005**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6.2100e-003	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		6.0000e-005	6.0000e-005	0.0000		7.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**6.2100e-003**	**0.0000**	**3.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**7.0000e-005**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2022	1/14/2022	5	10	
2	Site Preparation	Site Preparation	1/15/2022	1/17/2022	5	1	
3	Grading	Grading	1/18/2022	1/19/2022	5	2	
4	Building Construction	Building Construction	1/20/2022	6/8/2022	5	100	
5	Paving	Paving	6/9/2022	6/15/2022	5	5	
6	Architectural Coating	Architectural Coating	6/16/2022	6/22/2022	5	5	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 435; Non-Residential Outdoor: 145; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	2.00	6.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	3	8.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	4	10.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1325	0.0000	0.1325	0.0201	0.0000	0.0201			0.0000			0.0000
Off-Road	0.7094	6.4138	7.4693	0.0120		0.3375	0.3375		0.3225	0.3225		1,147.9025	1,147.9025	0.2119		1,153.2001
Total	**0.7094**	**6.4138**	**7.4693**	**0.0120**	**0.1325**	**0.3375**	**0.4701**	**0.0201**	**0.3225**	**0.3426**		**1,147.9025**	**1,147.9025**	**0.2119**		**1,153.2001**

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.5000e-003	0.1584	0.0375	4.6000e-004	0.0105	6.3000e-004	0.0111	2.8700e-003	6.0000e-004	3.4700e-003		50.0295	50.0295	2.9100e-003		50.1023
Vendor	5.4800e-003	0.1798	0.0481	4.0000e-004	9.2900e-003	4.7000e-004	9.7500e-003	2.6800e-003	4.5000e-004	3.1200e-003		42.4289	42.4289	2.3800e-003		42.4883
Worker	0.0374	0.0287	0.2958	8.6000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		86.0494	86.0494	2.4000e-003		86.1095
Total	**0.0474**	**0.3669**	**0.3814**	**1.7200e-003**	**0.1186**	**1.6900e-003**	**0.1203**	**0.0318**	**1.6000e-003**	**0.0334**		**178.5077**	**178.5077**	**7.6900e-003**		**178.7000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0596	0.0000	0.0596	9.0300e-003	0.0000	9.0300e-003			0.0000			0.0000
Off-Road	0.7094	6.4138	7.4693	0.0120		0.3375	0.3375		0.3225	0.3225	0.0000	1,147.9025	1,147.9025	0.2119		1,153.2001
Total	**0.7094**	**6.4138**	**7.4693**	**0.0120**	**0.0596**	**0.3375**	**0.3972**	**9.0300e-003**	**0.3225**	**0.3316**	**0.0000**	**1,147.9025**	**1,147.9025**	**0.2119**		**1,153.2001**

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.5000e-003	0.1584	0.0375	4.6000e-004	0.0105	6.3000e-004	0.0111	2.8700e-003	6.0000e-004	3.4700e-003		50.0295	50.0295	2.9100e-003		50.1023
Vendor	5.4800e-003	0.1798	0.0481	4.0000e-004	9.2900e-003	4.7000e-004	9.7500e-003	2.6800e-003	4.5000e-004	3.1200e-003		42.4289	42.4289	2.3800e-003		42.4883
Worker	0.0374	0.0287	0.2958	8.6000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		86.0494	86.0494	2.4000e-003		86.1095
Total	**0.0474**	**0.3669**	**0.3814**	**1.7200e-003**	**0.1186**	**1.6900e-003**	**0.1203**	**0.0318**	**1.6000e-003**	**0.0334**		**178.5077**	**178.5077**	**7.6900e-003**		**178.7000**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.5797	6.9332	3.9597	9.7300e-003		0.2573	0.2573		0.2367	0.2367		942.5179	942.5179	0.3048		950.1386
Total	**0.5797**	**6.9332**	**3.9597**	**9.7300e-003**	**0.5303**	**0.2573**	**0.7876**	**0.0573**	**0.2367**	**0.2940**		**942.5179**	**942.5179**	**0.3048**		**950.1386**

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.4800e-003	0.1798	0.0481	4.0000e-004	9.2900e-003	4.7000e-004	9.7500e-003	2.6800e-003	4.5000e-004	3.1200e-003		42.4289	42.4289	2.3800e-003		42.4883
Worker	0.0187	0.0144	0.1479	4.3000e-004	0.0494	3.0000e-004	0.0497	0.0131	2.7000e-004	0.0134		43.0247	43.0247	1.2000e-003		43.0547
Total	**0.0242**	**0.1941**	**0.1960**	**8.3000e-004**	**0.0587**	**7.7000e-004**	**0.0595**	**0.0158**	**7.2000e-004**	**0.0165**		**85.4536**	**85.4536**	**3.5800e-003**		**85.5430**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2386	0.0000	0.2386	0.0258	0.0000	0.0258			0.0000			0.0000
Off-Road	0.5797	6.9332	3.9597	9.7300e-003		0.2573	0.2573		0.2367	0.2367	0.0000	942.5179	942.5179	0.3048		950.1386
Total	**0.5797**	**6.9332**	**3.9597**	**9.7300e-003**	**0.2386**	**0.2573**	**0.4959**	**0.0258**	**0.2367**	**0.2625**	**0.0000**	**942.5179**	**942.5179**	**0.3048**		**950.1386**

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.4800e-003	0.1798	0.0481	4.0000e-004	9.2900e-003	4.7000e-004	9.7500e-003	2.6800e-003	4.5000e-004	3.1200e-003		42.4289	42.4289	2.3800e-003		42.4883
Worker	0.0187	0.0144	0.1479	4.3000e-004	0.0494	3.0000e-004	0.0497	0.0131	2.7000e-004	0.0134		43.0247	43.0247	1.2000e-003		43.0547
Total	**0.0242**	**0.1941**	**0.1960**	**8.3000e-004**	**0.0587**	**7.7000e-004**	**0.0595**	**0.0158**	**7.2000e-004**	**0.0165**		**85.4536**	**85.4536**	**3.5800e-003**		**85.5430**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.5859	5.1571	5.7909	9.6600e-003		0.2699	0.2699		0.2604	0.2604		921.9733	921.9733	0.1388		925.4441
Total	**0.5859**	**5.1571**	**5.7909**	**9.6600e-003**	**0.7528**	**0.2699**	**1.0227**	**0.4138**	**0.2604**	**0.6741**		**921.9733**	**921.9733**	**0.1388**		**925.4441**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.4800e-003	0.1798	0.0481	4.0000e-004	9.2900e-003	4.7000e-004	9.7500e-003	2.6800e-003	4.5000e-004	3.1200e-003		42.4289	42.4289	2.3800e-003		42.4883
Worker	0.0299	0.0230	0.2366	6.9000e-004	0.0791	4.8000e-004	0.0796	0.0210	4.4000e-004	0.0214		68.8395	68.8395	1.9200e-003		68.8876
Total	**0.0354**	**0.2027**	**0.2848**	**1.0900e-003**	**0.0884**	**9.5000e-004**	**0.0893**	**0.0237**	**8.9000e-004**	**0.0245**		**111.2684**	**111.2684**	**4.3000e-003**		**111.3759**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3387	0.0000	0.3387	0.1862	0.0000	0.1862			0.0000			0.0000
Off-Road	0.5859	5.1571	5.7909	9.6600e-003		0.2699	0.2699		0.2604	0.2604	0.0000	921.9733	921.9733	0.1388		925.4441
Total	**0.5859**	**5.1571**	**5.7909**	**9.6600e-003**	**0.3387**	**0.2699**	**0.6087**	**0.1862**	**0.2604**	**0.4466**	**0.0000**	**921.9733**	**921.9733**	**0.1388**		**925.4441**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.4800e-003	0.1798	0.0481	4.0000e-004	9.2900e-003	4.7000e-004	9.7500e-003	2.6800e-003	4.5000e-004	3.1200e-003		42.4289	42.4289	2.3800e-003		42.4883
Worker	0.0299	0.0230	0.2366	6.9000e-004	0.0791	4.8000e-004	0.0796	0.0210	4.4000e-004	0.0214		68.8395	68.8395	1.9200e-003		68.8876
Total	**0.0354**	**0.2027**	**0.2848**	**1.0900e-003**	**0.0884**	**9.5000e-004**	**0.0893**	**0.0237**	**8.9000e-004**	**0.0245**		**111.2684**	**111.2684**	**4.3000e-003**		**111.3759**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4364	4.5590	4.0494	7.1400e-003		0.2294	0.2294		0.2110	0.2110		691.6773	691.6773	0.2237		697.2698
Total	**0.4364**	**4.5590**	**4.0494**	**7.1400e-003**		**0.2294**	**0.2294**		**0.2110**	**0.2110**		**691.6773**	**691.6773**	**0.2237**		**697.2698**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.4800e-003	0.1798	0.0481	4.0000e-004	9.2900e-003	4.7000e-004	9.7500e-003	2.6800e-003	4.5000e-004	3.1200e-003		42.4289	42.4289	2.3800e-003		42.4883
Worker	0.0299	0.0230	0.2366	6.9000e-004	0.0791	4.8000e-004	0.0796	0.0210	4.4000e-004	0.0214		68.8395	68.8395	1.9200e-003		68.8876
Total	**0.0354**	**0.2027**	**0.2848**	**1.0900e-003**	**0.0884**	**9.5000e-004**	**0.0893**	**0.0237**	**8.9000e-004**	**0.0245**		**111.2684**	**111.2684**	**4.3000e-003**		**111.3759**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4364	4.5590	4.0494	7.1400e-003		0.2294	0.2294		0.2110	0.2110	0.0000	691.6772	691.6772	0.2237		697.2698
Total	**0.4364**	**4.5590**	**4.0494**	**7.1400e-003**		**0.2294**	**0.2294**		**0.2110**	**0.2110**	**0.0000**	**691.6772**	**691.6772**	**0.2237**		**697.2698**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.4800e-003	0.1798	0.0481	4.0000e-004	9.2900e-003	4.7000e-004	9.7500e-003	2.6800e-003	4.5000e-004	3.1200e-003		42.4289	42.4289	2.3800e-003		42.4883
Worker	0.0299	0.0230	0.2366	6.9000e-004	0.0791	4.8000e-004	0.0796	0.0210	4.4000e-004	0.0214		68.8395	68.8395	1.9200e-003		68.8876
Total	**0.0354**	**0.2027**	**0.2848**	**1.0900e-003**	**0.0884**	**9.5000e-004**	**0.0893**	**0.0237**	**8.9000e-004**	**0.0245**		**111.2684**	**111.2684**	**4.3000e-003**		**111.3759**

3.6 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5147	5.0890	6.3408	9.6700e-003		0.2639	0.2639		0.2436	0.2436		922.1629	922.1629	0.2899		929.4110
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5147**	**5.0890**	**6.3408**	**9.6700e-003**		**0.2639**	**0.2639**		**0.2436**	**0.2436**		**922.1629**	**922.1629**	**0.2899**		**929.4110**

3.6 Paving - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0374	0.0287	0.2958	8.6000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		86.0494	86.0494	2.4000e-003		86.1095
Total	**0.0374**	**0.0287**	**0.2958**	**8.6000e-004**	**0.0989**	**5.9000e-004**	**0.0995**	**0.0262**	**5.5000e-004**	**0.0268**		**86.0494**	**86.0494**	**2.4000e-003**		**86.1095**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5147	5.0890	6.3408	9.6700e-003		0.2639	0.2639		0.2436	0.2436	0.0000	922.1629	922.1629	0.2899		929.4110
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5147**	**5.0890**	**6.3408**	**9.6700e-003**		**0.2639**	**0.2639**		**0.2436**	**0.2436**	**0.0000**	**922.1629**	**922.1629**	**0.2899**		**929.4110**

3.6 Paving - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0374	0.0287	0.2958	8.6000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		86.0494	86.0494	2.4000e-003		86.1095
Total	**0.0374**	**0.0287**	**0.2958**	**8.6000e-004**	**0.0989**	**5.9000e-004**	**0.0995**	**0.0262**	**5.5000e-004**	**0.0268**		**86.0494**	**86.0494**	**2.4000e-003**		**86.1095**

3.7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.3442					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**1.5487**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

3.7 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	7.4700e-003	5.7400e-003	0.0592	1.7000e-004	0.0198	1.2000e-004	0.0199	5.2400e-003	1.1000e-004	5.3500e-003		17.2099	17.2099	4.8000e-004		17.2219
Total	**7.4700e-003**	**5.7400e-003**	**0.0592**	**1.7000e-004**	**0.0198**	**1.2000e-004**	**0.0199**	**5.2400e-003**	**1.1000e-004**	**5.3500e-003**		**17.2099**	**17.2099**	**4.8000e-004**		**17.2219**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.3442					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**1.5487**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

3.7 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	7.4700e-003	5.7400e-003	0.0592	1.7000e-004	0.0198	1.2000e-004	0.0199	5.2400e-003	1.1000e-004	5.3500e-003		17.2099	17.2099	4.8000e-004		17.2219
Total	**7.4700e-003**	**5.7400e-003**	**0.0592**	**1.7000e-004**	**0.0198**	**1.2000e-004**	**0.0199**	**5.2400e-003**	**1.1000e-004**	**5.3500e-003**		**17.2099**	**17.2099**	**4.8000e-004**		**17.2219**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	13.00	5.00	5.00	33.00	48.00	19.00	77	19	4

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.582546	0.028575	0.198242	0.117308	0.024121	0.006096	0.012865	0.019735	0.002341	0.001188	0.004913	0.000770	0.001299

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.2100e-003	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		6.0000e-005	6.0000e-005	0.0000		7.0000e-005
Unmitigated	6.2100e-003	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		6.0000e-005	6.0000e-005	0.0000		7.0000e-005

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.2100e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		6.0000e-005	6.0000e-005	0.0000		7.0000e-005
Total	**6.2100e-003**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**6.0000e-005**	**6.0000e-005**	**0.0000**		**7.0000e-005**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.2100e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		6.0000e-005	6.0000e-005	0.0000		7.0000e-005
Total	**6.2100e-003**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**6.0000e-005**	**6.0000e-005**	**0.0000**		**7.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - North Beach Campground Facility Improvements

San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	0.29	1000sqft	0.53	290.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only Project.

Land Use - Total site area appx 0.53 acres; 290 sq ft kiosk plus parking and surrounding area improvements.

Demolition -

Trips and VMT - Added building and architectural coating worker trips proportional to number of equipment pieces. Added vendor trips to account for water truck.

Off-road Equipment - Reduced cement and mortar mixer to 1 onsite daily for 0.5 acre site.

Off-road Equipment - Reduced forklifts and tractors/loaders/backhoes to one each on-site daily for 290 sq foot kiosk and ancillary improvements on 0.5 acre site.

Off-road Equipment - Reduced tractors/loaders/backhoes to one on-site daily for 0.5 acre site.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading -

Vehicle Trips - Construction-only Project.

Consumer Products - Construction-only Project.

Area Coating - Construction-only Project.

Landscape Equipment - Construction-only Project.

Energy Use - Construction-only Project.

Water And Wastewater - Construction-only Project.

Solid Waste - Construction-only Project.

Construction Off-road Equipment Mitigation - Water exposed area at least twice daily.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	145	0
tblAreaCoating	Area_Nonresidential_Interior	435	0
tblEnergyUse	LightingElect	3.88	0.00
tblEnergyUse	NT24E	7.84	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	T24E	6.11	0.00
tblEnergyUse	T24NG	16.31	0.00
tblLandUse	LotAcreage	0.01	0.53
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblSolidWaste	SolidWasteGenerationRate	0.27	0.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblWater	IndoorWaterUseRate	51,542.79	0.00
tblWater	OutdoorWaterUseRate	31,590.74	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	1.5573	7.1280	7.8500	0.0137	0.8411	0.3393	1.1120	0.4374	0.3242	0.6987	0.0000	1,320.2938	1,320.2938	0.3085	0.0000	1,325.7880
Maximum	**1.5573**	**7.1280**	**7.8500**	**0.0137**	**0.8411**	**0.3393**	**1.1120**	**0.4374**	**0.3242**	**0.6987**	**0.0000**	**1,320.2938**	**1,320.2938**	**0.3085**	**0.0000**	**1,325.7880**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	1.5573	7.1280	7.8500	0.0137	0.4271	0.3393	0.6980	0.2099	0.3242	0.4711	0.0000	1,320.2938	1,320.2938	0.3085	0.0000	1,325.7880
Maximum	**1.5573**	**7.1280**	**7.8500**	**0.0137**	**0.4271**	**0.3393**	**0.6980**	**0.2099**	**0.3242**	**0.4711**	**0.0000**	**1,320.2938**	**1,320.2938**	**0.3085**	**0.0000**	**1,325.7880**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**49.22**	**0.00**	**37.23**	**52.03**	**0.00**	**32.57**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6.2100e-003	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		6.0000e-005	6.0000e-005	0.0000		7.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**6.2100e-003**	**0.0000**	**3.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**7.0000e-005**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6.2100e-003	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		6.0000e-005	6.0000e-005	0.0000		7.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**6.2100e-003**	**0.0000**	**3.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**7.0000e-005**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2022	1/14/2022	5	10	
2	Site Preparation	Site Preparation	1/15/2022	1/17/2022	5	1	
3	Grading	Grading	1/18/2022	1/19/2022	5	2	
4	Building Construction	Building Construction	1/20/2022	6/8/2022	5	100	
5	Paving	Paving	6/9/2022	6/15/2022	5	5	
6	Architectural Coating	Architectural Coating	6/16/2022	6/22/2022	5	5	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 435; Non-Residential Outdoor: 145; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	2.00	6.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	3	8.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	4	10.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1325	0.0000	0.1325	0.0201	0.0000	0.0201			0.0000			0.0000
Off-Road	0.7094	6.4138	7.4693	0.0120		0.3375	0.3375		0.3225	0.3225		1,147.9025	1,147.9025	0.2119		1,153.2001
Total	**0.7094**	**6.4138**	**7.4693**	**0.0120**	**0.1325**	**0.3375**	**0.4701**	**0.0201**	**0.3225**	**0.3426**		**1,147.9025**	**1,147.9025**	**0.2119**		**1,153.2001**

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.6200e-003	0.1592	0.0398	4.6000e-004	0.0105	6.5000e-004	0.0111	2.8700e-003	6.2000e-004	3.4900e-003		49.2633	49.2633	3.0000e-003		49.3384
Vendor	5.8400e-003	0.1785	0.0546	3.9000e-004	9.2900e-003	4.9000e-004	9.7800e-003	2.6800e-003	4.7000e-004	3.1500e-003		41.1069	41.1069	2.5500e-003		41.1705
Worker	0.0428	0.0326	0.2863	8.2000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		82.0212	82.0212	2.3200e-003		82.0790
Total	**0.0532**	**0.3702**	**0.3807**	**1.6700e-003**	**0.1186**	**1.7300e-003**	**0.1204**	**0.0318**	**1.6400e-003**	**0.0334**		**172.3913**	**172.3913**	**7.8700e-003**		**172.5880**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0596	0.0000	0.0596	9.0300e-003	0.0000	9.0300e-003			0.0000			0.0000
Off-Road	0.7094	6.4138	7.4693	0.0120		0.3375	0.3375		0.3225	0.3225	0.0000	1,147.9025	1,147.9025	0.2119		1,153.2001
Total	**0.7094**	**6.4138**	**7.4693**	**0.0120**	**0.0596**	**0.3375**	**0.3972**	**9.0300e-003**	**0.3225**	**0.3316**	**0.0000**	**1,147.9025**	**1,147.9025**	**0.2119**		**1,153.2001**

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.6200e-003	0.1592	0.0398	4.6000e-004	0.0105	6.5000e-004	0.0111	2.8700e-003	6.2000e-004	3.4900e-003		49.2633	49.2633	3.0000e-003		49.3384
Vendor	5.8400e-003	0.1785	0.0546	3.9000e-004	9.2900e-003	4.9000e-004	9.7800e-003	2.6800e-003	4.7000e-004	3.1500e-003		41.1069	41.1069	2.5500e-003		41.1705
Worker	0.0428	0.0326	0.2863	8.2000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		82.0212	82.0212	2.3200e-003		82.0790
Total	**0.0532**	**0.3702**	**0.3807**	**1.6700e-003**	**0.1186**	**1.7300e-003**	**0.1204**	**0.0318**	**1.6400e-003**	**0.0334**		**172.3913**	**172.3913**	**7.8700e-003**		**172.5880**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.5797	6.9332	3.9597	9.7300e-003		0.2573	0.2573		0.2367	0.2367		942.5179	942.5179	0.3048		950.1386
Total	**0.5797**	**6.9332**	**3.9597**	**9.7300e-003**	**0.5303**	**0.2573**	**0.7876**	**0.0573**	**0.2367**	**0.2940**		**942.5179**	**942.5179**	**0.3048**		**950.1386**

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.8400e-003	0.1785	0.0546	3.9000e-004	9.2900e-003	4.9000e-004	9.7800e-003	2.6800e-003	4.7000e-004	3.1500e-003		41.1069	41.1069	2.5500e-003		41.1705
Worker	0.0214	0.0163	0.1432	4.1000e-004	0.0494	3.0000e-004	0.0497	0.0131	2.7000e-004	0.0134		41.0106	41.0106	1.1600e-003		41.0395
Total	**0.0272**	**0.1948**	**0.1978**	**8.0000e-004**	**0.0587**	**7.9000e-004**	**0.0595**	**0.0158**	**7.4000e-004**	**0.0165**		**82.1174**	**82.1174**	**3.7100e-003**		**82.2100**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2386	0.0000	0.2386	0.0258	0.0000	0.0258			0.0000			0.0000
Off-Road	0.5797	6.9332	3.9597	9.7300e-003		0.2573	0.2573		0.2367	0.2367	0.0000	942.5179	942.5179	0.3048		950.1386
Total	**0.5797**	**6.9332**	**3.9597**	**9.7300e-003**	**0.2386**	**0.2573**	**0.4959**	**0.0258**	**0.2367**	**0.2625**	**0.0000**	**942.5179**	**942.5179**	**0.3048**		**950.1386**

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.8400e-003	0.1785	0.0546	3.9000e-004	9.2900e-003	4.9000e-004	9.7800e-003	2.6800e-003	4.7000e-004	3.1500e-003		41.1069	41.1069	2.5500e-003		41.1705
Worker	0.0214	0.0163	0.1432	4.1000e-004	0.0494	3.0000e-004	0.0497	0.0131	2.7000e-004	0.0134		41.0106	41.0106	1.1600e-003		41.0395
Total	**0.0272**	**0.1948**	**0.1978**	**8.0000e-004**	**0.0587**	**7.9000e-004**	**0.0595**	**0.0158**	**7.4000e-004**	**0.0165**		**82.1174**	**82.1174**	**3.7100e-003**		**82.2100**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.5859	5.1571	5.7909	9.6600e-003		0.2699	0.2699		0.2604	0.2604		921.9733	921.9733	0.1388		925.4441
Total	**0.5859**	**5.1571**	**5.7909**	**9.6600e-003**	**0.7528**	**0.2699**	**1.0227**	**0.4138**	**0.2604**	**0.6741**		**921.9733**	**921.9733**	**0.1388**		**925.4441**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.8400e-003	0.1785	0.0546	3.9000e-004	9.2900e-003	4.9000e-004	9.7800e-003	2.6800e-003	4.7000e-004	3.1500e-003		41.1069	41.1069	2.5500e-003		41.1705
Worker	0.0342	0.0260	0.2291	6.6000e-004	0.0791	4.8000e-004	0.0796	0.0210	4.4000e-004	0.0214		65.6169	65.6169	1.8500e-003		65.6632
Total	**0.0401**	**0.2045**	**0.2837**	**1.0500e-003**	**0.0884**	**9.7000e-004**	**0.0893**	**0.0237**	**9.1000e-004**	**0.0246**		**106.7238**	**106.7238**	**4.4000e-003**		**106.8337**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3387	0.0000	0.3387	0.1862	0.0000	0.1862			0.0000			0.0000
Off-Road	0.5859	5.1571	5.7909	9.6600e-003		0.2699	0.2699		0.2604	0.2604	0.0000	921.9733	921.9733	0.1388		925.4441
Total	**0.5859**	**5.1571**	**5.7909**	**9.6600e-003**	**0.3387**	**0.2699**	**0.6087**	**0.1862**	**0.2604**	**0.4466**	**0.0000**	**921.9733**	**921.9733**	**0.1388**		**925.4441**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.8400e-003	0.1785	0.0546	3.9000e-004	9.2900e-003	4.9000e-004	9.7800e-003	2.6800e-003	4.7000e-004	3.1500e-003		41.1069	41.1069	2.5500e-003		41.1705
Worker	0.0342	0.0260	0.2291	6.6000e-004	0.0791	4.8000e-004	0.0796	0.0210	4.4000e-004	0.0214		65.6169	65.6169	1.8500e-003		65.6632
Total	**0.0401**	**0.2045**	**0.2837**	**1.0500e-003**	**0.0884**	**9.7000e-004**	**0.0893**	**0.0237**	**9.1000e-004**	**0.0246**		**106.7238**	**106.7238**	**4.4000e-003**		**106.8337**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4364	4.5590	4.0494	7.1400e-003		0.2294	0.2294		0.2110	0.2110		691.6773	691.6773	0.2237		697.2698
Total	**0.4364**	**4.5590**	**4.0494**	**7.1400e-003**		**0.2294**	**0.2294**		**0.2110**	**0.2110**		**691.6773**	**691.6773**	**0.2237**		**697.2698**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.8400e-003	0.1785	0.0546	3.9000e-004	9.2900e-003	4.9000e-004	9.7800e-003	2.6800e-003	4.7000e-004	3.1500e-003		41.1069	41.1069	2.5500e-003		41.1705
Worker	0.0342	0.0260	0.2291	6.6000e-004	0.0791	4.8000e-004	0.0796	0.0210	4.4000e-004	0.0214		65.6169	65.6169	1.8500e-003		65.6632
Total	**0.0401**	**0.2045**	**0.2837**	**1.0500e-003**	**0.0884**	**9.7000e-004**	**0.0893**	**0.0237**	**9.1000e-004**	**0.0246**		**106.7238**	**106.7238**	**4.4000e-003**		**106.8337**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4364	4.5590	4.0494	7.1400e-003		0.2294	0.2294		0.2110	0.2110	0.0000	691.6772	691.6772	0.2237		697.2698
Total	**0.4364**	**4.5590**	**4.0494**	**7.1400e-003**		**0.2294**	**0.2294**		**0.2110**	**0.2110**	**0.0000**	**691.6772**	**691.6772**	**0.2237**		**697.2698**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.8400e-003	0.1785	0.0546	3.9000e-004	9.2900e-003	4.9000e-004	9.7800e-003	2.6800e-003	4.7000e-004	3.1500e-003		41.1069	41.1069	2.5500e-003		41.1705
Worker	0.0342	0.0260	0.2291	6.6000e-004	0.0791	4.8000e-004	0.0796	0.0210	4.4000e-004	0.0214		65.6169	65.6169	1.8500e-003		65.6632
Total	**0.0401**	**0.2045**	**0.2837**	**1.0500e-003**	**0.0884**	**9.7000e-004**	**0.0893**	**0.0237**	**9.1000e-004**	**0.0246**		**106.7238**	**106.7238**	**4.4000e-003**		**106.8337**

3.6 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5147	5.0890	6.3408	9.6700e-003		0.2639	0.2639		0.2436	0.2436		922.1629	922.1629	0.2899		929.4110
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5147**	**5.0890**	**6.3408**	**9.6700e-003**		**0.2639**	**0.2639**		**0.2436**	**0.2436**		**922.1629**	**922.1629**	**0.2899**		**929.4110**

3.6 Paving - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0428	0.0326	0.2863	8.2000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		82.0212	82.0212	2.3200e-003		82.0790
Total	**0.0428**	**0.0326**	**0.2863**	**8.2000e-004**	**0.0989**	**5.9000e-004**	**0.0995**	**0.0262**	**5.5000e-004**	**0.0268**		**82.0212**	**82.0212**	**2.3200e-003**		**82.0790**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5147	5.0890	6.3408	9.6700e-003		0.2639	0.2639		0.2436	0.2436	0.0000	922.1629	922.1629	0.2899		929.4110
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5147**	**5.0890**	**6.3408**	**9.6700e-003**		**0.2639**	**0.2639**		**0.2436**	**0.2436**	**0.0000**	**922.1629**	**922.1629**	**0.2899**		**929.4110**

3.6 Paving - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0428	0.0326	0.2863	8.2000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		82.0212	82.0212	2.3200e-003		82.0790
Total	**0.0428**	**0.0326**	**0.2863**	**8.2000e-004**	**0.0989**	**5.9000e-004**	**0.0995**	**0.0262**	**5.5000e-004**	**0.0268**		**82.0212**	**82.0212**	**2.3200e-003**		**82.0790**

3.7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.3442					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**1.5487**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

3.7 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	8.5600e-003	6.5100e-003	0.0573	1.6000e-004	0.0198	1.2000e-004	0.0199	5.2400e-003	1.1000e-004	5.3500e-003		16.4042	16.4042	4.6000e-004		16.4158
Total	**8.5600e-003**	**6.5100e-003**	**0.0573**	**1.6000e-004**	**0.0198**	**1.2000e-004**	**0.0199**	**5.2400e-003**	**1.1000e-004**	**5.3500e-003**		**16.4042**	**16.4042**	**4.6000e-004**		**16.4158**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.3442					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**1.5487**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

3.7 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	8.5600e-003	6.5100e-003	0.0573	1.6000e-004	0.0198	1.2000e-004	0.0199	5.2400e-003	1.1000e-004	5.3500e-003		16.4042	16.4042	4.6000e-004		16.4158
Total	**8.5600e-003**	**6.5100e-003**	**0.0573**	**1.6000e-004**	**0.0198**	**1.2000e-004**	**0.0199**	**5.2400e-003**	**1.1000e-004**	**5.3500e-003**		**16.4042**	**16.4042**	**4.6000e-004**		**16.4158**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	13.00	5.00	5.00	33.00	48.00	19.00	77	19	4

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.582546	0.028575	0.198242	0.117308	0.024121	0.006096	0.012865	0.019735	0.002341	0.001188	0.004913	0.000770	0.001299

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.2100e-003	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		6.0000e-005	6.0000e-005	0.0000		7.0000e-005
Unmitigated	6.2100e-003	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		6.0000e-005	6.0000e-005	0.0000		7.0000e-005

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.2100e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		6.0000e-005	6.0000e-005	0.0000		7.0000e-005
Total	**6.2100e-003**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**6.0000e-005**	**6.0000e-005**	**0.0000**		**7.0000e-005**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.2100e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		6.0000e-005	6.0000e-005	0.0000		7.0000e-005
Total	**6.2100e-003**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**6.0000e-005**	**6.0000e-005**	**0.0000**		**7.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Oceano Campground Campfire Center Replacement

San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	0.02	User Defined Unit	0.02	958.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only project. No change in operational emissions sources from existing.

Land Use - Estimated area of improvements and square feet of replacement infrastructure.

Construction Phase - Adjusted phase durations proportionally to defaults for estimated 3-months construction duration.

Trips and VMT - Added building construction/arch coating worker trips based on number of equipment pieces, and haul trips for material deliveries.

Demolition -

Grading -

Architectural Coating - No interior architectural coatings.

Vehicle Trips - Construction-only project.

Consumer Products - Construction-only project.

Area Coating - Construction-only project.

Landscape Equipment - Construction-only project.

Energy Use -

Land Use Change -

Construction Off-road Equipment Mitigation - Water exposed areas at least twice daily.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,437.00	0.00
tblAreaCoating	Area_Nonresidential_Exterior	3484	0
tblAreaCoating	Area_Nonresidential_Interior	10451	0
tblConstructionPhase	NumDays	10.00	5.00
tblConstructionPhase	NumDays	2.00	1.00
tblConstructionPhase	NumDays	100.00	50.00
tblConstructionPhase	NumDays	5.00	3.00
tblConstructionPhase	NumDays	5.00	3.00
tblLandUse	LandUseSquareFeet	0.00	958.00
tblLandUse	LotAcreage	0.00	0.02
tblTripsAndVMT	HaulingTripNumber	0.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	15.00
tblTripsAndVMT	WorkerTripNumber	0.00	3.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0254	0.2125	0.2294	3.9000e-004	5.3300e-003	0.0110	0.0164	1.4400e-003	0.0102	0.0117	0.0000	34.1627	34.1627	9.3700e-003	0.0000	34.3970
Maximum	**0.0254**	**0.2125**	**0.2294**	**3.9000e-004**	**5.3300e-003**	**0.0110**	**0.0164**	**1.4400e-003**	**0.0102**	**0.0117**	**0.0000**	**34.1627**	**34.1627**	**9.3700e-003**	**0.0000**	**34.3970**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0254	0.2125	0.2294	3.9000e-004	4.7800e-003	0.0110	0.0158	1.2800e-003	0.0102	0.0115	0.0000	34.1627	34.1627	9.3700e-003	0.0000	34.3969
Maximum	**0.0254**	**0.2125**	**0.2294**	**3.9000e-004**	**4.7800e-003**	**0.0110**	**0.0158**	**1.2800e-003**	**0.0102**	**0.0115**	**0.0000**	**34.1627**	**34.1627**	**9.3700e-003**	**0.0000**	**34.3969**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**10.32**	**0.00**	**3.36**	**11.11**	**0.00**	**1.37**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2022**	**3-31-2022**	0.2395	0.2395
		Highest	0.2395	0.2395

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.7400e-003	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.7400e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.7400e-003	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.7400e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.3 Vegetation

Vegetation

	CO2e
Category	MT
Vegetation Land Change	-1.6820
Total	**-1.6820**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2022	1/7/2022	5	5	
2	Site Preparation	Site Preparation	1/8/2022	1/10/2022	5	1	
3	Grading	Grading	1/11/2022	1/11/2022	5	1	
4	Building Construction	Building Construction	1/12/2022	3/22/2022	5	50	
5	Paving	Paving	3/23/2022	3/25/2022	5	3	
6	Architectural Coating	Architectural Coating	3/26/2022	3/30/2022	5	3	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 479; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	3.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	15.00	0.00	10.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.5000e-004	0.0000	3.5000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7700e-003	0.0160	0.0187	3.0000e-005		8.4000e-004	8.4000e-004		8.1000e-004	8.1000e-004	0.0000	2.6034	2.6034	4.8000e-004	0.0000	2.6154
Total	**1.7700e-003**	**0.0160**	**0.0187**	**3.0000e-005**	**3.5000e-004**	**8.4000e-004**	**1.1900e-003**	**5.0000e-005**	**8.1000e-004**	**8.6000e-004**	**0.0000**	**2.6034**	**2.6034**	**4.8000e-004**	**0.0000**	**2.6154**

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	4.0000e-004	1.0000e-004	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1127	0.1127	1.0000e-005	0.0000	0.1129
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	8.0000e-005	7.1000e-004	0.0000	2.4000e-004	0.0000	2.4000e-004	6.0000e-005	0.0000	7.0000e-005	0.0000	0.1875	0.1875	1.0000e-005	0.0000	0.1877
Total	**1.1000e-004**	**4.8000e-004**	**8.1000e-004**	**0.0000**	**2.7000e-004**	**0.0000**	**2.7000e-004**	**7.0000e-005**	**0.0000**	**8.0000e-005**	**0.0000**	**0.3003**	**0.3003**	**2.0000e-005**	**0.0000**	**0.3006**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.6000e-004	0.0000	1.6000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7700e-003	0.0160	0.0187	3.0000e-005		8.4000e-004	8.4000e-004		8.1000e-004	8.1000e-004	0.0000	2.6034	2.6034	4.8000e-004	0.0000	2.6154
Total	**1.7700e-003**	**0.0160**	**0.0187**	**3.0000e-005**	**1.6000e-004**	**8.4000e-004**	**1.0000e-003**	**2.0000e-005**	**8.1000e-004**	**8.3000e-004**	**0.0000**	**2.6034**	**2.6034**	**4.8000e-004**	**0.0000**	**2.6154**

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	4.0000e-004	1.0000e-004	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1127	0.1127	1.0000e-005	0.0000	0.1129
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	8.0000e-005	7.1000e-004	0.0000	2.4000e-004	0.0000	2.4000e-004	6.0000e-005	0.0000	7.0000e-005	0.0000	0.1875	0.1875	1.0000e-005	0.0000	0.1877
Total	**1.1000e-004**	**4.8000e-004**	**8.1000e-004**	**0.0000**	**2.7000e-004**	**0.0000**	**2.7000e-004**	**7.0000e-005**	**0.0000**	**8.0000e-005**	**0.0000**	**0.3003**	**0.3003**	**2.0000e-005**	**0.0000**	**0.3006**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9000e-004	3.4700e-003	1.9800e-003	0.0000		1.3000e-004	1.3000e-004		1.2000e-004	1.2000e-004	0.0000	0.4275	0.4275	1.4000e-004	0.0000	0.4310
Total	**2.9000e-004**	**3.4700e-003**	**1.9800e-003**	**0.0000**	**2.7000e-004**	**1.3000e-004**	**4.0000e-004**	**3.0000e-005**	**1.2000e-004**	**1.5000e-004**	**0.0000**	**0.4275**	**0.4275**	**1.4000e-004**	**0.0000**	**0.4310**

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	7.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0188	0.0188	0.0000	0.0000	0.0188
Total	**1.0000e-005**	**1.0000e-005**	**7.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0188**	**0.0188**	**0.0000**	**0.0000**	**0.0188**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2000e-004	0.0000	1.2000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9000e-004	3.4700e-003	1.9800e-003	0.0000		1.3000e-004	1.3000e-004		1.2000e-004	1.2000e-004	0.0000	0.4275	0.4275	1.4000e-004	0.0000	0.4310
Total	**2.9000e-004**	**3.4700e-003**	**1.9800e-003**	**0.0000**	**1.2000e-004**	**1.3000e-004**	**2.5000e-004**	**1.0000e-005**	**1.2000e-004**	**1.3000e-004**	**0.0000**	**0.4275**	**0.4275**	**1.4000e-004**	**0.0000**	**0.4310**

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	7.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0188	0.0188	0.0000	0.0000	0.0188
Total	**1.0000e-005**	**1.0000e-005**	**7.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0188**	**0.0188**	**0.0000**	**0.0000**	**0.0188**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.8000e-004	0.0000	3.8000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.5000e-004	3.2100e-003	3.7300e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.6000e-004	1.6000e-004	0.0000	0.5207	0.5207	1.0000e-004	0.0000	0.5231
Total	**3.5000e-004**	**3.2100e-003**	**3.7300e-003**	**1.0000e-005**	**3.8000e-004**	**1.7000e-004**	**5.5000e-004**	**2.1000e-004**	**1.6000e-004**	**3.7000e-004**	**0.0000**	**0.5207**	**0.5207**	**1.0000e-004**	**0.0000**	**0.5231**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	2.0000e-005	1.4000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0375	0.0375	0.0000	0.0000	0.0375
Total	**2.0000e-005**	**2.0000e-005**	**1.4000e-004**	**0.0000**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0375**	**0.0375**	**0.0000**	**0.0000**	**0.0375**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.7000e-004	0.0000	1.7000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.5000e-004	3.2100e-003	3.7300e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.6000e-004	1.6000e-004	0.0000	0.5207	0.5207	1.0000e-004	0.0000	0.5231
Total	**3.5000e-004**	**3.2100e-003**	**3.7300e-003**	**1.0000e-005**	**1.7000e-004**	**1.7000e-004**	**3.4000e-004**	**9.0000e-005**	**1.6000e-004**	**2.5000e-004**	**0.0000**	**0.5207**	**0.5207**	**1.0000e-004**	**0.0000**	**0.5231**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	2.0000e-005	1.4000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0375	0.0375	0.0000	0.0000	0.0375
Total	**2.0000e-005**	**2.0000e-005**	**1.4000e-004**	**0.0000**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0375**	**0.0375**	**0.0000**	**0.0000**	**0.0375**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0172	0.1756	0.1788	2.8000e-004		9.3000e-003	9.3000e-003		8.5500e-003	8.5500e-003	0.0000	25.0369	25.0369	8.1000e-003	0.0000	25.2394
Total	**0.0172**	**0.1756**	**0.1788**	**2.8000e-004**		**9.3000e-003**	**9.3000e-003**		**8.5500e-003**	**8.5500e-003**	**0.0000**	**25.0369**	**25.0369**	**8.1000e-003**	**0.0000**	**25.2394**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-005	1.3400e-003	3.2000e-004	0.0000	9.0000e-005	1.0000e-005	9.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.3758	0.3758	2.0000e-005	0.0000	0.3763
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4300e-003	1.2000e-003	0.0107	3.0000e-005	3.6100e-003	2.0000e-005	3.6300e-003	9.6000e-004	2.0000e-005	9.8000e-004	0.0000	2.8131	2.8131	8.0000e-005	0.0000	2.8151
Total	**1.4700e-003**	**2.5400e-003**	**0.0110**	**3.0000e-005**	**3.7000e-003**	**3.0000e-005**	**3.7200e-003**	**9.8000e-004**	**3.0000e-005**	**1.0100e-003**	**0.0000**	**3.1889**	**3.1889**	**1.0000e-004**	**0.0000**	**3.1914**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0172	0.1756	0.1788	2.8000e-004		9.3000e-003	9.3000e-003		8.5500e-003	8.5500e-003	0.0000	25.0369	25.0369	8.1000e-003	0.0000	25.2393
Total	**0.0172**	**0.1756**	**0.1788**	**2.8000e-004**		**9.3000e-003**	**9.3000e-003**		**8.5500e-003**	**8.5500e-003**	**0.0000**	**25.0369**	**25.0369**	**8.1000e-003**	**0.0000**	**25.2393**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-005	1.3400e-003	3.2000e-004	0.0000	9.0000e-005	1.0000e-005	9.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.3758	0.3758	2.0000e-005	0.0000	0.3763
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4300e-003	1.2000e-003	0.0107	3.0000e-005	3.6100e-003	2.0000e-005	3.6300e-003	9.6000e-004	2.0000e-005	9.8000e-004	0.0000	2.8131	2.8131	8.0000e-005	0.0000	2.8151
Total	**1.4700e-003**	**2.5400e-003**	**0.0110**	**3.0000e-005**	**3.7000e-003**	**3.0000e-005**	**3.7200e-003**	**9.8000e-004**	**3.0000e-005**	**1.0100e-003**	**0.0000**	**3.1889**	**3.1889**	**1.0000e-004**	**0.0000**	**3.1914**

3.6 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.7000e-004	8.8800e-003	0.0106	2.0000e-005		4.4000e-004	4.4000e-004		4.1000e-004	4.1000e-004	0.0000	1.4095	1.4095	4.1000e-004	0.0000	1.4198
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.7000e-004**	**8.8800e-003**	**0.0106**	**2.0000e-005**		**4.4000e-004**	**4.4000e-004**		**4.1000e-004**	**4.1000e-004**	**0.0000**	**1.4095**	**1.4095**	**4.1000e-004**	**0.0000**	**1.4198**

3.6 Paving - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	9.0000e-005	7.7000e-004	0.0000	2.6000e-004	0.0000	2.6000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2025	0.2025	1.0000e-005	0.0000	0.2027
Total	**1.0000e-004**	**9.0000e-005**	**7.7000e-004**	**0.0000**	**2.6000e-004**	**0.0000**	**2.6000e-004**	**7.0000e-005**	**0.0000**	**7.0000e-005**	**0.0000**	**0.2025**	**0.2025**	**1.0000e-005**	**0.0000**	**0.2027**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.7000e-004	8.8800e-003	0.0106	2.0000e-005		4.4000e-004	4.4000e-004		4.1000e-004	4.1000e-004	0.0000	1.4095	1.4095	4.1000e-004	0.0000	1.4198
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.7000e-004**	**8.8800e-003**	**0.0106**	**2.0000e-005**		**4.4000e-004**	**4.4000e-004**		**4.1000e-004**	**4.1000e-004**	**0.0000**	**1.4095**	**1.4095**	**4.1000e-004**	**0.0000**	**1.4198**

3.6 Paving - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	9.0000e-005	7.7000e-004	0.0000	2.6000e-004	0.0000	2.6000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2025	0.2025	1.0000e-005	0.0000	0.2027
Total	**1.0000e-004**	**9.0000e-005**	**7.7000e-004**	**0.0000**	**2.6000e-004**	**0.0000**	**2.6000e-004**	**7.0000e-005**	**0.0000**	**7.0000e-005**	**0.0000**	**0.2025**	**0.2025**	**1.0000e-005**	**0.0000**	**0.2027**

3.7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.7800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1000e-004	2.1100e-003	2.7200e-003	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.3830	0.3830	2.0000e-005	0.0000	0.3836
Total	**3.0900e-003**	**2.1100e-003**	**2.7200e-003**	**0.0000**		**1.2000e-004**	**1.2000e-004**		**1.2000e-004**	**1.2000e-004**	**0.0000**	**0.3830**	**0.3830**	**2.0000e-005**	**0.0000**	**0.3836**

3.7 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.3000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0338	0.0338	0.0000	0.0000	0.0338
Total	**2.0000e-005**	**1.0000e-005**	**1.3000e-004**	**0.0000**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0338**	**0.0338**	**0.0000**	**0.0000**	**0.0338**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.7800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1000e-004	2.1100e-003	2.7200e-003	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.3830	0.3830	2.0000e-005	0.0000	0.3836
Total	**3.0900e-003**	**2.1100e-003**	**2.7200e-003**	**0.0000**		**1.2000e-004**	**1.2000e-004**		**1.2000e-004**	**1.2000e-004**	**0.0000**	**0.3830**	**0.3830**	**2.0000e-005**	**0.0000**	**0.3836**

3.7 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.3000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0338	0.0338	0.0000	0.0000	0.0338
Total	**2.0000e-005**	**1.0000e-005**	**1.3000e-004**	**0.0000**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0338**	**0.0338**	**0.0000**	**0.0000**	**0.0338**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.582546	0.028575	0.198242	0.117308	0.024121	0.006096	0.012865	0.019735	0.002341	0.001188	0.004913	0.000770	0.001299

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.7400e-003	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	3.7400e-003	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.7400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.7400e-003**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.7400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.7400e-003**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Recreational	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Recreational	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

	Total CO2	CH4	N2O	CO2e
Category	MT			
Unmitigated	-1.6820	0.0000	0.0000	-1.6820

11.1 Vegetation Land Change

Vegetation Type

	Initial/Final	Total CO2	CH4	N2O	CO2e
	Acres	MT			
Scrub	0.04 / 0	-0.5720	0.0000	0.0000	-0.5720
Trees	0.01 / 0	-1.1100	0.0000	0.0000	-1.1100
Total		**-1.6820**	**0.0000**	**0.0000**	**-1.6820**

Pismo State Beach and Oceano Dunes PWP - Oceano Campground Campfire Center Replacement

San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	0.02	User Defined Unit	0.02	958.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only project. No change in operational emissions sources from existing.

Land Use - Estimated area of improvements and square feet of replacement infrastructure.

Construction Phase - Adjusted phase durations proportionally to defaults for estimated 3-months construction duration.

Trips and VMT - Added building construction/arch coating worker trips based on number of equipment pieces, and haul trips for material deliveries.

Demolition -

Grading -

Architectural Coating - No interior architectural coatings.

Vehicle Trips - Construction-only project.

Consumer Products - Construction-only project.

Area Coating - Construction-only project.

Landscape Equipment - Construction-only project.

Energy Use -

Land Use Change -

Construction Off-road Equipment Mitigation - Water exposed areas at least twice daily.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,437.00	0.00
tblAreaCoating	Area_Nonresidential_Exterior	3484	0
tblAreaCoating	Area_Nonresidential_Interior	10451	0
tblConstructionPhase	NumDays	10.00	5.00
tblConstructionPhase	NumDays	2.00	1.00
tblConstructionPhase	NumDays	100.00	50.00
tblConstructionPhase	NumDays	5.00	3.00
tblConstructionPhase	NumDays	5.00	3.00
tblLandUse	LandUseSquareFeet	0.00	958.00
tblLandUse	LotAcreage	0.00	0.02
tblTripsAndVMT	HaulingTripNumber	0.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	15.00
tblTripsAndVMT	WorkerTripNumber	0.00	3.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	2.0659	7.1216	7.8026	0.0133	0.8516	0.3730	1.1897	0.4400	0.3432	0.7631	0.0000	1,283.9813	1,283.9813	0.3616	0.0000	1,289.4118
Maximum	**2.0659**	**7.1216**	**7.8026**	**0.0133**	**0.8516**	**0.3730**	**1.1897**	**0.4400**	**0.3432**	**0.7631**	**0.0000**	**1,283.9813**	**1,283.9813**	**0.3616**	**0.0000**	**1,289.4118**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	2.0659	7.1216	7.8026	0.0133	0.4376	0.3730	0.7757	0.2124	0.3432	0.5355	0.0000	1,283.9813	1,283.9813	0.3616	0.0000	1,289.4118
Maximum	**2.0659**	**7.1216**	**7.8026**	**0.0133**	**0.4376**	**0.3730**	**0.7757**	**0.2124**	**0.3432**	**0.5355**	**0.0000**	**1,283.9813**	**1,283.9813**	**0.3616**	**0.0000**	**1,289.4118**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**48.62**	**0.00**	**34.80**	**51.72**	**0.00**	**29.82**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0205	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0205**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0205	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0205**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2022	1/7/2022	5	5	
2	Site Preparation	Site Preparation	1/8/2022	1/10/2022	5	1	
3	Grading	Grading	1/11/2022	1/11/2022	5	1	
4	Building Construction	Building Construction	1/12/2022	3/22/2022	5	50	
5	Paving	Paving	3/23/2022	3/25/2022	5	3	
6	Architectural Coating	Architectural Coating	3/26/2022	3/30/2022	5	3	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 479; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	3.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	15.00	0.00	10.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1414	0.0000	0.1414	0.0214	0.0000	0.0214			0.0000			0.0000
Off-Road	0.7094	6.4138	7.4693	0.0120		0.3375	0.3375		0.3225	0.3225		1,147.9025	1,147.9025	0.2119		1,153.2001
Total	**0.7094**	**6.4138**	**7.4693**	**0.0120**	**0.1414**	**0.3375**	**0.4789**	**0.0214**	**0.3225**	**0.3440**		**1,147.9025**	**1,147.9025**	**0.2119**		**1,153.2001**

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.5000e-003	0.1584	0.0375	4.6000e-004	0.0105	6.3000e-004	0.0111	2.8700e-003	6.0000e-004	3.4700e-003		50.0295	50.0295	2.9100e-003		50.1023
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0374	0.0287	0.2958	8.6000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		86.0494	86.0494	2.4000e-003		86.1095
Total	**0.0419**	**0.1871**	**0.3333**	**1.3200e-003**	**0.1093**	**1.2200e-003**	**0.1106**	**0.0291**	**1.1500e-003**	**0.0302**		**136.0788**	**136.0788**	**5.3100e-003**		**136.2117**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0636	0.0000	0.0636	9.6300e-003	0.0000	9.6300e-003			0.0000			0.0000
Off-Road	0.7094	6.4138	7.4693	0.0120		0.3375	0.3375		0.3225	0.3225	0.0000	1,147.9025	1,147.9025	0.2119		1,153.2001
Total	**0.7094**	**6.4138**	**7.4693**	**0.0120**	**0.0636**	**0.3375**	**0.4011**	**9.6300e-003**	**0.3225**	**0.3322**	**0.0000**	**1,147.9025**	**1,147.9025**	**0.2119**		**1,153.2001**

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.5000e-003	0.1584	0.0375	4.6000e-004	0.0105	6.3000e-004	0.0111	2.8700e-003	6.0000e-004	3.4700e-003		50.0295	50.0295	2.9100e-003		50.1023
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0374	0.0287	0.2958	8.6000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		86.0494	86.0494	2.4000e-003		86.1095
Total	**0.0419**	**0.1871**	**0.3333**	**1.3200e-003**	**0.1093**	**1.2200e-003**	**0.1106**	**0.0291**	**1.1500e-003**	**0.0302**		**136.0788**	**136.0788**	**5.3100e-003**		**136.2117**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.5797	6.9332	3.9597	9.7300e-003		0.2573	0.2573		0.2367	0.2367		942.5179	942.5179	0.3048		950.1386
Total	**0.5797**	**6.9332**	**3.9597**	**9.7300e-003**	**0.5303**	**0.2573**	**0.7876**	**0.0573**	**0.2367**	**0.2940**		**942.5179**	**942.5179**	**0.3048**		**950.1386**

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0187	0.0144	0.1479	4.3000e-004	0.0494	3.0000e-004	0.0497	0.0131	2.7000e-004	0.0134		43.0247	43.0247	1.2000e-003		43.0547
Total	**0.0187**	**0.0144**	**0.1479**	**4.3000e-004**	**0.0494**	**3.0000e-004**	**0.0497**	**0.0131**	**2.7000e-004**	**0.0134**		**43.0247**	**43.0247**	**1.2000e-003**		**43.0547**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2386	0.0000	0.2386	0.0258	0.0000	0.0258			0.0000			0.0000
Off-Road	0.5797	6.9332	3.9597	9.7300e-003		0.2573	0.2573		0.2367	0.2367	0.0000	942.5179	942.5179	0.3048		950.1386
Total	**0.5797**	**6.9332**	**3.9597**	**9.7300e-003**	**0.2386**	**0.2573**	**0.4959**	**0.0258**	**0.2367**	**0.2625**	**0.0000**	**942.5179**	**942.5179**	**0.3048**		**950.1386**

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0187	0.0144	0.1479	4.3000e-004	0.0494	3.0000e-004	0.0497	0.0131	2.7000e-004	0.0134		43.0247	43.0247	1.2000e-003		43.0547
Total	**0.0187**	**0.0144**	**0.1479**	**4.3000e-004**	**0.0494**	**3.0000e-004**	**0.0497**	**0.0131**	**2.7000e-004**	**0.0134**		**43.0247**	**43.0247**	**1.2000e-003**		**43.0547**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.7094	6.4138	7.4693	0.0120		0.3375	0.3375		0.3225	0.3225		1,147.9025	1,147.9025	0.2119		1,153.2001
Total	**0.7094**	**6.4138**	**7.4693**	**0.0120**	**0.7528**	**0.3375**	**1.0903**	**0.4138**	**0.3225**	**0.7363**		**1,147.9025**	**1,147.9025**	**0.2119**		**1,153.2001**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0374	0.0287	0.2958	8.6000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		86.0494	86.0494	2.4000e-003		86.1095
Total	**0.0374**	**0.0287**	**0.2958**	**8.6000e-004**	**0.0989**	**5.9000e-004**	**0.0995**	**0.0262**	**5.5000e-004**	**0.0268**		**86.0494**	**86.0494**	**2.4000e-003**		**86.1095**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3387	0.0000	0.3387	0.1862	0.0000	0.1862			0.0000			0.0000
Off-Road	0.7094	6.4138	7.4693	0.0120		0.3375	0.3375		0.3225	0.3225	0.0000	1,147.9025	1,147.9025	0.2119		1,153.2001
Total	**0.7094**	**6.4138**	**7.4693**	**0.0120**	**0.3387**	**0.3375**	**0.6763**	**0.1862**	**0.3225**	**0.5087**	**0.0000**	**1,147.9025**	**1,147.9025**	**0.2119**		**1,153.2001**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0374	0.0287	0.2958	8.6000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		86.0494	86.0494	2.4000e-003		86.1095
Total	**0.0374**	**0.0287**	**0.2958**	**8.6000e-004**	**0.0989**	**5.9000e-004**	**0.0995**	**0.0262**	**5.5000e-004**	**0.0268**		**86.0494**	**86.0494**	**2.4000e-003**		**86.1095**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6863	7.0258	7.1527	0.0114		0.3719	0.3719		0.3422	0.3422		1,103.9393	1,103.9393	0.3570		1,112.8652
Total	**0.6863**	**7.0258**	**7.1527**	**0.0114**		**0.3719**	**0.3719**		**0.3422**	**0.3422**		**1,103.9393**	**1,103.9393**	**0.3570**		**1,112.8652**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.5000e-003	0.0528	0.0125	1.5000e-004	3.4900e-003	2.1000e-004	3.7000e-003	9.6000e-004	2.0000e-004	1.1600e-003		16.6765	16.6765	9.7000e-004		16.7008
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0561	0.0430	0.4437	1.3000e-003	0.1483	8.9000e-004	0.1492	0.0393	8.2000e-004	0.0402		129.0740	129.0740	3.6100e-003		129.1642
Total	**0.0576**	**0.0958**	**0.4562**	**1.4500e-003**	**0.1518**	**1.1000e-003**	**0.1529**	**0.0403**	**1.0200e-003**	**0.0413**		**145.7505**	**145.7505**	**4.5800e-003**		**145.8650**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6863	7.0258	7.1527	0.0114		0.3719	0.3719		0.3422	0.3422	0.0000	1,103.9393	1,103.9393	0.3570		1,112.8652
Total	**0.6863**	**7.0258**	**7.1527**	**0.0114**		**0.3719**	**0.3719**		**0.3422**	**0.3422**	**0.0000**	**1,103.9393**	**1,103.9393**	**0.3570**		**1,112.8652**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.5000e-003	0.0528	0.0125	1.5000e-004	3.4900e-003	2.1000e-004	3.7000e-003	9.6000e-004	2.0000e-004	1.1600e-003		16.6765	16.6765	9.7000e-004		16.7008
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0561	0.0430	0.4437	1.3000e-003	0.1483	8.9000e-004	0.1492	0.0393	8.2000e-004	0.0402		129.0740	129.0740	3.6100e-003		129.1642
Total	**0.0576**	**0.0958**	**0.4562**	**1.4500e-003**	**0.1518**	**1.1000e-003**	**0.1529**	**0.0403**	**1.0200e-003**	**0.0413**		**145.7505**	**145.7505**	**4.5800e-003**		**145.8650**

3.6 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6469	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758		1,035.8246	1,035.8246	0.3017		1,043.3677
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6469**	**5.9174**	**7.0348**	**0.0113**		**0.2961**	**0.2961**		**0.2758**	**0.2758**		**1,035.8246**	**1,035.8246**	**0.3017**		**1,043.3677**

3.6 Paving - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0673	0.0517	0.5324	1.5500e-003	0.1780	1.0700e-003	0.1790	0.0472	9.9000e-004	0.0482		154.8888	154.8888	4.3300e-003		154.9970
Total	**0.0673**	**0.0517**	**0.5324**	**1.5500e-003**	**0.1780**	**1.0700e-003**	**0.1790**	**0.0472**	**9.9000e-004**	**0.0482**		**154.8888**	**154.8888**	**4.3300e-003**		**154.9970**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6469	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758	0.0000	1,035.8246	1,035.8246	0.3017		1,043.3677
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6469**	**5.9174**	**7.0348**	**0.0113**		**0.2961**	**0.2961**		**0.2758**	**0.2758**	**0.0000**	**1,035.8246**	**1,035.8246**	**0.3017**		**1,043.3677**

3.6 Paving - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0673	0.0517	0.5324	1.5500e-003	0.1780	1.0700e-003	0.1790	0.0472	9.9000e-004	0.0482		154.8888	154.8888	4.3300e-003		154.9970
Total	**0.0673**	**0.0517**	**0.5324**	**1.5500e-003**	**0.1780**	**1.0700e-003**	**0.1790**	**0.0472**	**9.9000e-004**	**0.0482**		**154.8888**	**154.8888**	**4.3300e-003**		**154.9970**

3.7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.8501					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**2.0547**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

3.7 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0112	8.6100e-003	0.0887	2.6000e-004	0.0297	1.8000e-004	0.0298	7.8700e-003	1.6000e-004	8.0300e-003		25.8148	25.8148	7.2000e-004		25.8328
Total	**0.0112**	**8.6100e-003**	**0.0887**	**2.6000e-004**	**0.0297**	**1.8000e-004**	**0.0298**	**7.8700e-003**	**1.6000e-004**	**8.0300e-003**		**25.8148**	**25.8148**	**7.2000e-004**		**25.8328**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.8501					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**2.0547**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

3.7 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0112	8.6100e-003	0.0887	2.6000e-004	0.0297	1.8000e-004	0.0298	7.8700e-003	1.6000e-004	8.0300e-003		25.8148	25.8148	7.2000e-004		25.8328
Total	**0.0112**	**8.6100e-003**	**0.0887**	**2.6000e-004**	**0.0297**	**1.8000e-004**	**0.0298**	**7.8700e-003**	**1.6000e-004**	**8.0300e-003**		**25.8148**	**25.8148**	**7.2000e-004**		**25.8328**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.582546	0.028575	0.198242	0.117308	0.024121	0.006096	0.012865	0.019735	0.002341	0.001188	0.004913	0.000770	0.001299

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0205	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0205	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0205					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0205**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0205					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0205**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Oceano Campground Campfire Center Replacement

San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	0.02	User Defined Unit	0.02	958.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only project. No change in operational emissions sources from existing.

Land Use - Estimated area of improvements and square feet of replacement infrastructure.

Construction Phase - Adjusted phase durations proportionally to defaults for estimated 3-months construction duration.

Trips and VMT - Added building construction/arch coating worker trips based on number of equipment pieces, and haul trips for material deliveries.

Demolition -

Grading -

Architectural Coating - No interior architectural coatings.

Vehicle Trips - Construction-only project.

Consumer Products - Construction-only project.

Area Coating - Construction-only project.

Landscape Equipment - Construction-only project.

Energy Use -

Land Use Change -

Construction Off-road Equipment Mitigation - Water exposed areas at least twice daily.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,437.00	0.00
tblAreaCoating	Area_Nonresidential_Exterior	3484	0
tblAreaCoating	Area_Nonresidential_Interior	10451	0
tblConstructionPhase	NumDays	10.00	5.00
tblConstructionPhase	NumDays	2.00	1.00
tblConstructionPhase	NumDays	100.00	50.00
tblConstructionPhase	NumDays	5.00	3.00
tblConstructionPhase	NumDays	5.00	3.00
tblLandUse	LandUseSquareFeet	0.00	958.00
tblLandUse	LotAcreage	0.00	0.02
tblTripsAndVMT	HaulingTripNumber	0.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	15.00
tblTripsAndVMT	WorkerTripNumber	0.00	3.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	2.0675	7.1277	7.7954	0.0133	0.8516	0.3730	1.1897	0.4400	0.3432	0.7631	0.0000	1,279.1869	1,279.1869	0.3615	0.0000	1,284.6175
Maximum	**2.0675**	**7.1277**	**7.7954**	**0.0133**	**0.8516**	**0.3730**	**1.1897**	**0.4400**	**0.3432**	**0.7631**	**0.0000**	**1,279.1869**	**1,279.1869**	**0.3615**	**0.0000**	**1,284.6175**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	2.0675	7.1277	7.7954	0.0133	0.4376	0.3730	0.7757	0.2124	0.3432	0.5355	0.0000	1,279.1869	1,279.1869	0.3615	0.0000	1,284.6175
Maximum	**2.0675**	**7.1277**	**7.7954**	**0.0133**	**0.4376**	**0.3730**	**0.7757**	**0.2124**	**0.3432**	**0.5355**	**0.0000**	**1,279.1869**	**1,279.1869**	**0.3615**	**0.0000**	**1,284.6175**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**48.62**	**0.00**	**34.80**	**51.72**	**0.00**	**29.82**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0205	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0205**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0205	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0205**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2022	1/7/2022	5	5	
2	Site Preparation	Site Preparation	1/8/2022	1/10/2022	5	1	
3	Grading	Grading	1/11/2022	1/11/2022	5	1	
4	Building Construction	Building Construction	1/12/2022	3/22/2022	5	50	
5	Paving	Paving	3/23/2022	3/25/2022	5	3	
6	Architectural Coating	Architectural Coating	3/26/2022	3/30/2022	5	3	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 479; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	3.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	15.00	0.00	10.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1414	0.0000	0.1414	0.0214	0.0000	0.0214			0.0000			0.0000
Off-Road	0.7094	6.4138	7.4693	0.0120		0.3375	0.3375		0.3225	0.3225		1,147.9025	1,147.9025	0.2119		1,153.2001
Total	**0.7094**	**6.4138**	**7.4693**	**0.0120**	**0.1414**	**0.3375**	**0.4789**	**0.0214**	**0.3225**	**0.3440**		**1,147.9025**	**1,147.9025**	**0.2119**		**1,153.2001**

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.6200e-003	0.1592	0.0398	4.6000e-004	0.0105	6.5000e-004	0.0111	2.8700e-003	6.2000e-004	3.4900e-003		49.2633	49.2633	3.0000e-003		49.3384
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0428	0.0326	0.2863	8.2000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		82.0212	82.0212	2.3200e-003		82.0790
Total	**0.0474**	**0.1917**	**0.3261**	**1.2800e-003**	**0.1093**	**1.2400e-003**	**0.1106**	**0.0291**	**1.1700e-003**	**0.0303**		**131.2845**	**131.2845**	**5.3200e-003**		**131.4174**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0636	0.0000	0.0636	9.6300e-003	0.0000	9.6300e-003			0.0000			0.0000
Off-Road	0.7094	6.4138	7.4693	0.0120		0.3375	0.3375		0.3225	0.3225	0.0000	1,147.9025	1,147.9025	0.2119		1,153.2001
Total	**0.7094**	**6.4138**	**7.4693**	**0.0120**	**0.0636**	**0.3375**	**0.4011**	**9.6300e-003**	**0.3225**	**0.3322**	**0.0000**	**1,147.9025**	**1,147.9025**	**0.2119**		**1,153.2001**

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.6200e-003	0.1592	0.0398	4.6000e-004	0.0105	6.5000e-004	0.0111	2.8700e-003	6.2000e-004	3.4900e-003		49.2633	49.2633	3.0000e-003		49.3384
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0428	0.0326	0.2863	8.2000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		82.0212	82.0212	2.3200e-003		82.0790
Total	**0.0474**	**0.1917**	**0.3261**	**1.2800e-003**	**0.1093**	**1.2400e-003**	**0.1106**	**0.0291**	**1.1700e-003**	**0.0303**		**131.2845**	**131.2845**	**5.3200e-003**		**131.4174**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.5797	6.9332	3.9597	9.7300e-003		0.2573	0.2573		0.2367	0.2367		942.5179	942.5179	0.3048		950.1386
Total	**0.5797**	**6.9332**	**3.9597**	**9.7300e-003**	**0.5303**	**0.2573**	**0.7876**	**0.0573**	**0.2367**	**0.2940**		**942.5179**	**942.5179**	**0.3048**		**950.1386**

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0214	0.0163	0.1432	4.1000e-004	0.0494	3.0000e-004	0.0497	0.0131	2.7000e-004	0.0134		41.0106	41.0106	1.1600e-003		41.0395
Total	**0.0214**	**0.0163**	**0.1432**	**4.1000e-004**	**0.0494**	**3.0000e-004**	**0.0497**	**0.0131**	**2.7000e-004**	**0.0134**		**41.0106**	**41.0106**	**1.1600e-003**		**41.0395**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2386	0.0000	0.2386	0.0258	0.0000	0.0258			0.0000			0.0000
Off-Road	0.5797	6.9332	3.9597	9.7300e-003		0.2573	0.2573		0.2367	0.2367	0.0000	942.5179	942.5179	0.3048		950.1386
Total	**0.5797**	**6.9332**	**3.9597**	**9.7300e-003**	**0.2386**	**0.2573**	**0.4959**	**0.0258**	**0.2367**	**0.2625**	**0.0000**	**942.5179**	**942.5179**	**0.3048**		**950.1386**

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0214	0.0163	0.1432	4.1000e-004	0.0494	3.0000e-004	0.0497	0.0131	2.7000e-004	0.0134		41.0106	41.0106	1.1600e-003		41.0395
Total	**0.0214**	**0.0163**	**0.1432**	**4.1000e-004**	**0.0494**	**3.0000e-004**	**0.0497**	**0.0131**	**2.7000e-004**	**0.0134**		**41.0106**	**41.0106**	**1.1600e-003**		**41.0395**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.7094	6.4138	7.4693	0.0120		0.3375	0.3375		0.3225	0.3225		1,147.9025	1,147.9025	0.2119		1,153.2001
Total	**0.7094**	**6.4138**	**7.4693**	**0.0120**	**0.7528**	**0.3375**	**1.0903**	**0.4138**	**0.3225**	**0.7363**		**1,147.9025**	**1,147.9025**	**0.2119**		**1,153.2001**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0428	0.0326	0.2863	8.2000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		82.0212	82.0212	2.3200e-003		82.0790
Total	**0.0428**	**0.0326**	**0.2863**	**8.2000e-004**	**0.0989**	**5.9000e-004**	**0.0995**	**0.0262**	**5.5000e-004**	**0.0268**		**82.0212**	**82.0212**	**2.3200e-003**		**82.0790**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3387	0.0000	0.3387	0.1862	0.0000	0.1862			0.0000			0.0000
Off-Road	0.7094	6.4138	7.4693	0.0120		0.3375	0.3375		0.3225	0.3225	0.0000	1,147.9025	1,147.9025	0.2119		1,153.2001
Total	**0.7094**	**6.4138**	**7.4693**	**0.0120**	**0.3387**	**0.3375**	**0.6763**	**0.1862**	**0.3225**	**0.5087**	**0.0000**	**1,147.9025**	**1,147.9025**	**0.2119**		**1,153.2001**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0428	0.0326	0.2863	8.2000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		82.0212	82.0212	2.3200e-003		82.0790
Total	**0.0428**	**0.0326**	**0.2863**	**8.2000e-004**	**0.0989**	**5.9000e-004**	**0.0995**	**0.0262**	**5.5000e-004**	**0.0268**		**82.0212**	**82.0212**	**2.3200e-003**		**82.0790**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6863	7.0258	7.1527	0.0114		0.3719	0.3719		0.3422	0.3422		1,103.9393	1,103.9393	0.3570		1,112.8652
Total	**0.6863**	**7.0258**	**7.1527**	**0.0114**		**0.3719**	**0.3719**		**0.3422**	**0.3422**		**1,103.9393**	**1,103.9393**	**0.3570**		**1,112.8652**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.5400e-003	0.0531	0.0133	1.5000e-004	3.4900e-003	2.2000e-004	3.7100e-003	9.6000e-004	2.1000e-004	1.1600e-003		16.4211	16.4211	1.0000e-003		16.4461
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0642	0.0488	0.4295	1.2300e-003	0.1483	8.9000e-004	0.1492	0.0393	8.2000e-004	0.0402		123.0317	123.0317	3.4700e-003		123.1185
Total	**0.0657**	**0.1019**	**0.4427**	**1.3800e-003**	**0.1518**	**1.1100e-003**	**0.1529**	**0.0403**	**1.0300e-003**	**0.0413**		**139.4528**	**139.4528**	**4.4700e-003**		**139.5647**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6863	7.0258	7.1527	0.0114		0.3719	0.3719		0.3422	0.3422	0.0000	1,103.9393	1,103.9393	0.3570		1,112.8652
Total	**0.6863**	**7.0258**	**7.1527**	**0.0114**		**0.3719**	**0.3719**		**0.3422**	**0.3422**	**0.0000**	**1,103.9393**	**1,103.9393**	**0.3570**		**1,112.8652**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.5400e-003	0.0531	0.0133	1.5000e-004	3.4900e-003	2.2000e-004	3.7100e-003	9.6000e-004	2.1000e-004	1.1600e-003		16.4211	16.4211	1.0000e-003		16.4461
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0642	0.0488	0.4295	1.2300e-003	0.1483	8.9000e-004	0.1492	0.0393	8.2000e-004	0.0402		123.0317	123.0317	3.4700e-003		123.1185
Total	**0.0657**	**0.1019**	**0.4427**	**1.3800e-003**	**0.1518**	**1.1100e-003**	**0.1529**	**0.0403**	**1.0300e-003**	**0.0413**		**139.4528**	**139.4528**	**4.4700e-003**		**139.5647**

3.6 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6469	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758		1,035.8246	1,035.8246	0.3017		1,043.3677
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6469**	**5.9174**	**7.0348**	**0.0113**		**0.2961**	**0.2961**		**0.2758**	**0.2758**		**1,035.8246**	**1,035.8246**	**0.3017**		**1,043.3677**

3.6 Paving - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0770	0.0586	0.5154	1.4800e-003	0.1780	1.0700e-003	0.1790	0.0472	9.9000e-004	0.0482		147.6381	147.6381	4.1700e-003		147.7422
Total	**0.0770**	**0.0586**	**0.5154**	**1.4800e-003**	**0.1780**	**1.0700e-003**	**0.1790**	**0.0472**	**9.9000e-004**	**0.0482**		**147.6381**	**147.6381**	**4.1700e-003**		**147.7422**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6469	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758	0.0000	1,035.8246	1,035.8246	0.3017		1,043.3677
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6469**	**5.9174**	**7.0348**	**0.0113**		**0.2961**	**0.2961**		**0.2758**	**0.2758**	**0.0000**	**1,035.8246**	**1,035.8246**	**0.3017**		**1,043.3677**

3.6 Paving - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0770	0.0586	0.5154	1.4800e-003	0.1780	1.0700e-003	0.1790	0.0472	9.9000e-004	0.0482		147.6381	147.6381	4.1700e-003		147.7422
Total	**0.0770**	**0.0586**	**0.5154**	**1.4800e-003**	**0.1780**	**1.0700e-003**	**0.1790**	**0.0472**	**9.9000e-004**	**0.0482**		**147.6381**	**147.6381**	**4.1700e-003**		**147.7422**

3.7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.8501					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**2.0547**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

3.7 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0128	9.7700e-003	0.0859	2.5000e-004	0.0297	1.8000e-004	0.0298	7.8700e-003	1.6000e-004	8.0300e-003		24.6063	24.6063	6.9000e-004		24.6237
Total	**0.0128**	**9.7700e-003**	**0.0859**	**2.5000e-004**	**0.0297**	**1.8000e-004**	**0.0298**	**7.8700e-003**	**1.6000e-004**	**8.0300e-003**		**24.6063**	**24.6063**	**6.9000e-004**		**24.6237**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.8501					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**2.0547**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

3.7 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0128	9.7700e-003	0.0859	2.5000e-004	0.0297	1.8000e-004	0.0298	7.8700e-003	1.6000e-004	8.0300e-003		24.6063	24.6063	6.9000e-004		24.6237
Total	**0.0128**	**9.7700e-003**	**0.0859**	**2.5000e-004**	**0.0297**	**1.8000e-004**	**0.0298**	**7.8700e-003**	**1.6000e-004**	**8.0300e-003**		**24.6063**	**24.6063**	**6.9000e-004**		**24.6237**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.582546	0.028575	0.198242	0.117308	0.024121	0.006096	0.012865	0.019735	0.002341	0.001188	0.004913	0.000770	0.001299

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0205	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0205	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0205					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0205**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0205					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0205**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Safety and Education Center Replacement

San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	0.35	User Defined Unit	0.02	350.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only project.

Land Use - Assume kiosk similar to entrance kiosks and additional area for signage, etc.

Construction Phase - Adjusted phase durations proportionally to reflect 3 month construction duration.

Off-road Equipment - Demolition is minimal and more of freestanding signation and related structures. Reduced equipment accordingly.

Off-road Equipment -

Off-road Equipment - Building construction is more of freestanding enclosure and signage support. Reduced tractor/loader/backhoe to 1 for 8 hours per day and added welder.

Off-road Equipment -

Demolition -

Trips and VMT - Increased building construction worker trips to 1.5 workers per piece of equipment, adjusted architectul coating to 20% of building construction. Added haul trip during site preparation and vendor trips to account for material deliveries.

Consumer Products - Construction-only project.

Area Coating - Construction-only project.

Landscape Equipment - Construction-only project.

Energy Use -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	175	0
tblAreaCoating	Area_Nonresidential_Interior	525	0
tblConstructionPhase	NumDays	5.00	3.00
tblConstructionPhase	NumDays	100.00	54.00
tblConstructionPhase	NumDays	10.00	5.00
tblConstructionPhase	PhaseEndDate	6/22/2022	3/31/2022
tblConstructionPhase	PhaseEndDate	6/8/2022	3/28/2022
tblConstructionPhase	PhaseEndDate	1/14/2022	1/7/2022
tblConstructionPhase	PhaseEndDate	1/17/2022	1/10/2022
tblConstructionPhase	PhaseStartDate	6/16/2022	3/29/2022
tblConstructionPhase	PhaseStartDate	1/20/2022	1/12/2022
tblConstructionPhase	PhaseStartDate	1/15/2022	1/8/2022
tblLandUse	LandUseSquareFeet	0.00	350.00
tblLandUse	LotAcreage	0.00	0.02
tblOffRoadEquipment	OffRoadEquipmentType		Welders
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	PhaseName		Building Construction
tblTripsAndVMT	HaulingTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	0.00	15.00
tblTripsAndVMT	WorkerTripNumber	0.00	3.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0295	0.2095	0.2116	3.8000e-004	4.9000e-003	0.0103	0.0152	1.2500e-003	9.6600e-003	0.0109	0.0000	32.1366	32.1366	7.6100e-003	0.0000	32.3268
Maximum	**0.0295**	**0.2095**	**0.2116**	**3.8000e-004**	**4.9000e-003**	**0.0103**	**0.0152**	**1.2500e-003**	**9.6600e-003**	**0.0109**	**0.0000**	**32.1366**	**32.1366**	**7.6100e-003**	**0.0000**	**32.3268**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0295	0.2095	0.2116	3.8000e-004	4.9000e-003	0.0103	0.0152	1.2500e-003	9.6600e-003	0.0109	0.0000	32.1365	32.1365	7.6100e-003	0.0000	32.3268
Maximum	**0.0295**	**0.2095**	**0.2116**	**3.8000e-004**	**4.9000e-003**	**0.0103**	**0.0152**	**1.2500e-003**	**9.6600e-003**	**0.0109**	**0.0000**	**32.1365**	**32.1365**	**7.6100e-003**	**0.0000**	**32.3268**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2022**	**3-31-2022**	0.2434	0.2434
		Highest	0.2434	0.2434

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.3700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3700e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.3700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3700e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2022	1/7/2022	5	5	
2	Site Preparation	Site Preparation	1/8/2022	1/10/2022	5	1	
3	Building Construction	Building Construction	1/12/2022	3/28/2022	5	54	
4	Architectural Coating	Architectural Coating	3/29/2022	3/31/2022	5	3	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 525; Non-Residential Outdoor: 175; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Welders	1	8.00	46	0.45
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	3	8.00	0.00	2.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	4.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	15.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.8000e-004	0.0000	1.8000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.4600e-003	0.0129	0.0145	2.0000e-005		6.7000e-004	6.7000e-004		6.5000e-004	6.5000e-004	0.0000	2.0910	2.0910	3.1000e-004	0.0000	2.0989
Total	**1.4600e-003**	**0.0129**	**0.0145**	**2.0000e-005**	**1.8000e-004**	**6.7000e-004**	**8.5000e-004**	**3.0000e-005**	**6.5000e-004**	**6.8000e-004**	**0.0000**	**2.0910**	**2.0910**	**3.1000e-004**	**0.0000**	**2.0989**

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	2.7000e-004	6.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.0752	0.0752	0.0000	0.0000	0.0753
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	6.0000e-005	5.7000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1500	0.1500	0.0000	0.0000	0.1501
Total	**9.0000e-005**	**3.3000e-004**	**6.3000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**2.1000e-004**	**5.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.2252**	**0.2252**	**0.0000**	**0.0000**	**0.2254**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.8000e-004	0.0000	1.8000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.4600e-003	0.0129	0.0145	2.0000e-005		6.7000e-004	6.7000e-004		6.5000e-004	6.5000e-004	0.0000	2.0910	2.0910	3.1000e-004	0.0000	2.0989
Total	**1.4600e-003**	**0.0129**	**0.0145**	**2.0000e-005**	**1.8000e-004**	**6.7000e-004**	**8.5000e-004**	**3.0000e-005**	**6.5000e-004**	**6.8000e-004**	**0.0000**	**2.0910**	**2.0910**	**3.1000e-004**	**0.0000**	**2.0989**

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	2.7000e-004	6.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.0752	0.0752	0.0000	0.0000	0.0753
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	6.0000e-005	5.7000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1500	0.1500	0.0000	0.0000	0.1501
Total	**9.0000e-005**	**3.3000e-004**	**6.3000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**2.1000e-004**	**5.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.2252**	**0.2252**	**0.0000**	**0.0000**	**0.2254**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9000e-004	3.4700e-003	1.9800e-003	0.0000		1.3000e-004	1.3000e-004		1.2000e-004	1.2000e-004	0.0000	0.4275	0.4275	1.4000e-004	0.0000	0.4310
Total	**2.9000e-004**	**3.4700e-003**	**1.9800e-003**	**0.0000**	**2.7000e-004**	**1.3000e-004**	**4.0000e-004**	**3.0000e-005**	**1.2000e-004**	**1.5000e-004**	**0.0000**	**0.4275**	**0.4275**	**1.4000e-004**	**0.0000**	**0.4310**

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	5.4000e-004	1.3000e-004	0.0000	3.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1503	0.1503	1.0000e-005	0.0000	0.1505
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	7.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0188	0.0188	0.0000	0.0000	0.0188
Total	**3.0000e-005**	**5.5000e-004**	**2.0000e-004**	**0.0000**	**5.0000e-005**	**0.0000**	**6.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.1691**	**0.1691**	**1.0000e-005**	**0.0000**	**0.1693**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9000e-004	3.4700e-003	1.9800e-003	0.0000		1.3000e-004	1.3000e-004		1.2000e-004	1.2000e-004	0.0000	0.4275	0.4275	1.4000e-004	0.0000	0.4310
Total	**2.9000e-004**	**3.4700e-003**	**1.9800e-003**	**0.0000**	**2.7000e-004**	**1.3000e-004**	**4.0000e-004**	**3.0000e-005**	**1.2000e-004**	**1.5000e-004**	**0.0000**	**0.4275**	**0.4275**	**1.4000e-004**	**0.0000**	**0.4310**

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	5.4000e-004	1.3000e-004	0.0000	3.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1503	0.1503	1.0000e-005	0.0000	0.1505
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	7.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0188	0.0188	0.0000	0.0000	0.0188
Total	**3.0000e-005**	**5.5000e-004**	**2.0000e-004**	**0.0000**	**5.0000e-005**	**0.0000**	**6.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.1691**	**0.1691**	**1.0000e-005**	**0.0000**	**0.1693**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0216	0.1840	0.1785	2.9000e-004		9.3300e-003	9.3300e-003		8.7300e-003	8.7300e-003	0.0000	24.7433	24.7433	6.9700e-003	0.0000	24.9175
Total	**0.0216**	**0.1840**	**0.1785**	**2.9000e-004**		**9.3300e-003**	**9.3300e-003**		**8.7300e-003**	**8.7300e-003**	**0.0000**	**24.7433**	**24.7433**	**6.9700e-003**	**0.0000**	**24.9175**

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-004	4.8800e-003	1.3900e-003	1.0000e-005	2.5000e-004	1.0000e-005	2.6000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	1.0256	1.0256	6.0000e-005	0.0000	1.0271
Worker	1.5500e-003	1.2900e-003	0.0116	3.0000e-005	3.9000e-003	2.0000e-005	3.9200e-003	1.0400e-003	2.0000e-005	1.0600e-003	0.0000	3.0381	3.0381	9.0000e-005	0.0000	3.0403
Total	**1.7000e-003**	**6.1700e-003**	**0.0130**	**4.0000e-005**	**4.1500e-003**	**3.0000e-005**	**4.1800e-003**	**1.1100e-003**	**3.0000e-005**	**1.1400e-003**	**0.0000**	**4.0638**	**4.0638**	**1.5000e-004**	**0.0000**	**4.0674**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0216	0.1840	0.1785	2.9000e-004		9.3300e-003	9.3300e-003		8.7300e-003	8.7300e-003	0.0000	24.7433	24.7433	6.9700e-003	0.0000	24.9174
Total	**0.0216**	**0.1840**	**0.1785**	**2.9000e-004**		**9.3300e-003**	**9.3300e-003**		**8.7300e-003**	**8.7300e-003**	**0.0000**	**24.7433**	**24.7433**	**6.9700e-003**	**0.0000**	**24.9174**

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-004	4.8800e-003	1.3900e-003	1.0000e-005	2.5000e-004	1.0000e-005	2.6000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	1.0256	1.0256	6.0000e-005	0.0000	1.0271
Worker	1.5500e-003	1.2900e-003	0.0116	3.0000e-005	3.9000e-003	2.0000e-005	3.9200e-003	1.0400e-003	2.0000e-005	1.0600e-003	0.0000	3.0381	3.0381	9.0000e-005	0.0000	3.0403
Total	**1.7000e-003**	**6.1700e-003**	**0.0130**	**4.0000e-005**	**4.1500e-003**	**3.0000e-005**	**4.1800e-003**	**1.1100e-003**	**3.0000e-005**	**1.1400e-003**	**0.0000**	**4.0638**	**4.0638**	**1.5000e-004**	**0.0000**	**4.0674**

3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.0600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1000e-004	2.1100e-003	2.7200e-003	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.3830	0.3830	2.0000e-005	0.0000	0.3836
Total	**4.3700e-003**	**2.1100e-003**	**2.7200e-003**	**0.0000**		**1.2000e-004**	**1.2000e-004**		**1.2000e-004**	**1.2000e-004**	**0.0000**	**0.3830**	**0.3830**	**2.0000e-005**	**0.0000**	**0.3836**

3.5 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.3000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0338	0.0338	0.0000	0.0000	0.0338
Total	**2.0000e-005**	**1.0000e-005**	**1.3000e-004**	**0.0000**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0338**	**0.0338**	**0.0000**	**0.0000**	**0.0338**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.0600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1000e-004	2.1100e-003	2.7200e-003	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.3830	0.3830	2.0000e-005	0.0000	0.3836
Total	**4.3700e-003**	**2.1100e-003**	**2.7200e-003**	**0.0000**		**1.2000e-004**	**1.2000e-004**		**1.2000e-004**	**1.2000e-004**	**0.0000**	**0.3830**	**0.3830**	**2.0000e-005**	**0.0000**	**0.3836**

3.5 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.3000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0338	0.0338	0.0000	0.0000	0.0338
Total	**2.0000e-005**	**1.0000e-005**	**1.3000e-004**	**0.0000**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0338**	**0.0338**	**0.0000**	**0.0000**	**0.0338**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.582546	0.028575	0.198242	0.117308	0.024121	0.006096	0.012865	0.019735	0.002341	0.001188	0.004913	0.000770	0.001299

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.3700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	1.3700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.3700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3700e-003**					**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.3700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3700e-003**					**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Recreational	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Recreational	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Safety and Education Center Replacement

San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	0.35	User Defined Unit	0.02	350.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only project.

Land Use - Assume kiosk similar to entrance kiosks and additional area for signage, etc.

Construction Phase - Adjusted phase durations proportionally to reflect 3 month construction duration.

Off-road Equipment - Demolition is minimal and more of freestanding signation and related structures. Reduced equipment accordingly.

Off-road Equipment -

Off-road Equipment - Building construction is more of freestanding enclosure and signage support. Reduced tractor/loader/backhoe to 1 for 8 hours per day and added welder.

Off-road Equipment -

Demolition -

Trips and VMT - Increased building construction worker trips to 1.5 workers per piece of equipment, adjusted architectul coating to 20% of building construction. Added haul trip during site preparation and vendor trips to account for material deliveries.

Consumer Products - Construction-only project.

Area Coating - Construction-only project.

Landscape Equipment - Construction-only project.

Energy Use -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	175	0
tblAreaCoating	Area_Nonresidential_Interior	525	0
tblConstructionPhase	NumDays	5.00	3.00
tblConstructionPhase	NumDays	100.00	54.00
tblConstructionPhase	NumDays	10.00	5.00
tblConstructionPhase	PhaseEndDate	6/22/2022	3/31/2022
tblConstructionPhase	PhaseEndDate	6/8/2022	3/28/2022
tblConstructionPhase	PhaseEndDate	1/14/2022	1/7/2022
tblConstructionPhase	PhaseEndDate	1/17/2022	1/10/2022
tblConstructionPhase	PhaseStartDate	6/16/2022	3/29/2022
tblConstructionPhase	PhaseStartDate	1/20/2022	1/12/2022
tblConstructionPhase	PhaseStartDate	1/15/2022	1/8/2022
tblLandUse	LandUseSquareFeet	0.00	350.00
tblLandUse	LotAcreage	0.00	0.02
tblOffRoadEquipment	OffRoadEquipmentType		Welders
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	PhaseName		Building Construction
tblTripsAndVMT	HaulingTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	0.00	15.00
tblTripsAndVMT	WorkerTripNumber	0.00	3.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	2.9195	8.0035	7.1024	0.0132	0.6495	0.3471	0.9114	0.0895	0.3244	0.3664	0.0000	1,319.0723	1,319.0723	0.3255	0.0000	1,327.2086
Maximum	**2.9195**	**8.0035**	**7.1024**	**0.0132**	**0.6495**	**0.3471**	**0.9114**	**0.0895**	**0.3244**	**0.3664**	**0.0000**	**1,319.0723**	**1,319.0723**	**0.3255**	**0.0000**	**1,327.2086**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	2.9195	8.0035	7.1024	0.0132	0.6495	0.3471	0.9114	0.0895	0.3244	0.3664	0.0000	1,319.0723	1,319.0723	0.3255	0.0000	1,327.2086
Maximum	**2.9195**	**8.0035**	**7.1024**	**0.0132**	**0.6495**	**0.3471**	**0.9114**	**0.0895**	**0.3244**	**0.3664**	**0.0000**	**1,319.0723**	**1,319.0723**	**0.3255**	**0.0000**	**1,327.2086**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.4900e-003	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		8.0000e-005	8.0000e-005	0.0000		8.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**7.4900e-003**	**0.0000**	**4.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**8.0000e-005**	**8.0000e-005**	**0.0000**	**0.0000**	**8.0000e-005**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.4900e-003	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		8.0000e-005	8.0000e-005	0.0000		8.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**7.4900e-003**	**0.0000**	**4.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**8.0000e-005**	**8.0000e-005**	**0.0000**	**0.0000**	**8.0000e-005**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2022	1/7/2022	5	5	
2	Site Preparation	Site Preparation	1/8/2022	1/10/2022	5	1	
3	Building Construction	Building Construction	1/12/2022	3/28/2022	5	54	
4	Architectural Coating	Architectural Coating	3/29/2022	3/31/2022	5	3	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 525; Non-Residential Outdoor: 175; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Welders	1	8.00	46	0.45
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	3	8.00	0.00	2.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	4.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	15.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0711	0.0000	0.0711	0.0108	0.0000	0.0108			0.0000			0.0000
Off-Road	0.5859	5.1571	5.7909	9.6600e-003		0.2699	0.2699		0.2604	0.2604		921.9733	921.9733	0.1388		925.4441
Total	**0.5859**	**5.1571**	**5.7909**	**9.6600e-003**	**0.0711**	**0.2699**	**0.3411**	**0.0108**	**0.2604**	**0.2711**		**921.9733**	**921.9733**	**0.1388**		**925.4441**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.0000e-003	0.1056	0.0250	3.1000e-004	6.9900e-003	4.2000e-004	7.4100e-003	1.9100e-003	4.0000e-004	2.3200e-003		33.3530	33.3530	1.9400e-003		33.4015
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0299	0.0230	0.2366	6.9000e-004	0.0791	4.8000e-004	0.0796	0.0210	4.4000e-004	0.0214		68.8395	68.8395	1.9200e-003		68.8876
Total	**0.0329**	**0.1286**	**0.2616**	**1.0000e-003**	**0.0861**	**9.0000e-004**	**0.0870**	**0.0229**	**8.4000e-004**	**0.0237**		**102.1925**	**102.1925**	**3.8600e-003**		**102.2891**

3.2 Demolition - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0711	0.0000	0.0711	0.0108	0.0000	0.0108			0.0000			0.0000
Off-Road	0.5859	5.1571	5.7909	9.6600e-003		0.2699	0.2699		0.2604	0.2604	0.0000	921.9733	921.9733	0.1388		925.4441
Total	**0.5859**	**5.1571**	**5.7909**	**9.6600e-003**	**0.0711**	**0.2699**	**0.3411**	**0.0108**	**0.2604**	**0.2711**	**0.0000**	**921.9733**	**921.9733**	**0.1388**		**925.4441**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.0000e-003	0.1056	0.0250	3.1000e-004	6.9900e-003	4.2000e-004	7.4100e-003	1.9100e-003	4.0000e-004	2.3200e-003		33.3530	33.3530	1.9400e-003		33.4015
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0299	0.0230	0.2366	6.9000e-004	0.0791	4.8000e-004	0.0796	0.0210	4.4000e-004	0.0214		68.8395	68.8395	1.9200e-003		68.8876
Total	**0.0329**	**0.1286**	**0.2616**	**1.0000e-003**	**0.0861**	**9.0000e-004**	**0.0870**	**0.0229**	**8.4000e-004**	**0.0237**		**102.1925**	**102.1925**	**3.8600e-003**		**102.2891**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.5797	6.9332	3.9597	9.7300e-003		0.2573	0.2573		0.2367	0.2367		942.5179	942.5179	0.3048		950.1386
Total	**0.5797**	**6.9332**	**3.9597**	**9.7300e-003**	**0.5303**	**0.2573**	**0.7876**	**0.0573**	**0.2367**	**0.2940**		**942.5179**	**942.5179**	**0.3048**		**950.1386**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0300	1.0559	0.2499	3.0800e-003	0.0699	4.2000e-003	0.0741	0.0191	4.0200e-003	0.0232		333.5297	333.5297	0.0194		334.0152
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0187	0.0144	0.1479	4.3000e-004	0.0494	3.0000e-004	0.0497	0.0131	2.7000e-004	0.0134		43.0247	43.0247	1.2000e-003		43.0547
Total	**0.0487**	**1.0703**	**0.3978**	**3.5100e-003**	**0.1193**	**4.5000e-003**	**0.1238**	**0.0323**	**4.2900e-003**	**0.0365**		**376.5544**	**376.5544**	**0.0206**		**377.0699**

3.3 Site Preparation - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.5797	6.9332	3.9597	9.7300e-003		0.2573	0.2573		0.2367	0.2367	0.0000	942.5179	942.5179	0.3048		950.1386
Total	**0.5797**	**6.9332**	**3.9597**	**9.7300e-003**	**0.5303**	**0.2573**	**0.7876**	**0.0573**	**0.2367**	**0.2940**	**0.0000**	**942.5179**	**942.5179**	**0.3048**		**950.1386**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0300	1.0559	0.2499	3.0800e-003	0.0699	4.2000e-003	0.0741	0.0191	4.0200e-003	0.0232		333.5297	333.5297	0.0194		334.0152
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0187	0.0144	0.1479	4.3000e-004	0.0494	3.0000e-004	0.0497	0.0131	2.7000e-004	0.0134		43.0247	43.0247	1.2000e-003		43.0547
Total	**0.0487**	**1.0703**	**0.3978**	**3.5100e-003**	**0.1193**	**4.5000e-003**	**0.1238**	**0.0323**	**4.2900e-003**	**0.0365**		**376.5544**	**376.5544**	**0.0206**		**377.0699**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7983	6.8130	6.6106	0.0108		0.3457	0.3457		0.3232	0.3232		1,010.1781	1,010.1781	0.2844		1,017.2890
Total	**0.7983**	**6.8130**	**6.6106**	**0.0108**		**0.3457**	**0.3457**		**0.3232**	**0.3232**		**1,010.1781**	**1,010.1781**	**0.2844**		**1,017.2890**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.4800e-003	0.1798	0.0481	4.0000e-004	9.2900e-003	4.7000e-004	9.7500e-003	2.6800e-003	4.5000e-004	3.1200e-003		42.4289	42.4289	2.3800e-003		42.4883
Worker	0.0561	0.0430	0.4437	1.3000e-003	0.1483	8.9000e-004	0.1492	0.0393	8.2000e-004	0.0402		129.0740	129.0740	3.6100e-003		129.1642
Total	**0.0615**	**0.2228**	**0.4918**	**1.7000e-003**	**0.1576**	**1.3600e-003**	**0.1589**	**0.0420**	**1.2700e-003**	**0.0433**		**171.5029**	**171.5029**	**5.9900e-003**		**171.6525**

3.4 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7983	6.8130	6.6106	0.0108		0.3457	0.3457		0.3232	0.3232	0.0000	1,010.1781	1,010.1781	0.2844		1,017.2890
Total	**0.7983**	**6.8130**	**6.6106**	**0.0108**		**0.3457**	**0.3457**		**0.3232**	**0.3232**	**0.0000**	**1,010.1781**	**1,010.1781**	**0.2844**		**1,017.2890**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.4800e-003	0.1798	0.0481	4.0000e-004	9.2900e-003	4.7000e-004	9.7500e-003	2.6800e-003	4.5000e-004	3.1200e-003		42.4289	42.4289	2.3800e-003		42.4883
Worker	0.0561	0.0430	0.4437	1.3000e-003	0.1483	8.9000e-004	0.1492	0.0393	8.2000e-004	0.0402		129.0740	129.0740	3.6100e-003		129.1642
Total	**0.0615**	**0.2228**	**0.4918**	**1.7000e-003**	**0.1576**	**1.3600e-003**	**0.1589**	**0.0420**	**1.2700e-003**	**0.0433**		**171.5029**	**171.5029**	**5.9900e-003**		**171.6525**

3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.7038					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**2.9083**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0112	8.6100e-003	0.0887	2.6000e-004	0.0297	1.8000e-004	0.0298	7.8700e-003	1.6000e-004	8.0300e-003		25.8148	25.8148	7.2000e-004		25.8328
Total	**0.0112**	**8.6100e-003**	**0.0887**	**2.6000e-004**	**0.0297**	**1.8000e-004**	**0.0298**	**7.8700e-003**	**1.6000e-004**	**8.0300e-003**		**25.8148**	**25.8148**	**7.2000e-004**		**25.8328**

3.5 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.7038					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**2.9083**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0112	8.6100e-003	0.0887	2.6000e-004	0.0297	1.8000e-004	0.0298	7.8700e-003	1.6000e-004	8.0300e-003		25.8148	25.8148	7.2000e-004		25.8328
Total	**0.0112**	**8.6100e-003**	**0.0887**	**2.6000e-004**	**0.0297**	**1.8000e-004**	**0.0298**	**7.8700e-003**	**1.6000e-004**	**8.0300e-003**		**25.8148**	**25.8148**	**7.2000e-004**		**25.8328**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.582546	0.028575	0.198242	0.117308	0.024121	0.006096	0.012865	0.019735	0.002341	0.001188	0.004913	0.000770	0.001299

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.4900e-003	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		8.0000e-005	8.0000e-005	0.0000		8.0000e-005
Unmitigated	7.4900e-003	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		8.0000e-005	8.0000e-005	0.0000		8.0000e-005

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.4900e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		8.0000e-005	8.0000e-005	0.0000		8.0000e-005
Total	**7.4900e-003**	**0.0000**	**4.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**8.0000e-005**	**8.0000e-005**	**0.0000**		**8.0000e-005**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.4900e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		8.0000e-005	8.0000e-005	0.0000		8.0000e-005
Total	**7.4900e-003**	**0.0000**	**4.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**8.0000e-005**	**8.0000e-005**	**0.0000**		**8.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Safety and Education Center Replacement

San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	0.35	User Defined Unit	0.02	350.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only project.

Land Use - Assume kiosk similar to entrance kiosks and additional area for signage, etc.

Construction Phase - Adjusted phase durations proportionally to reflect 3 month construction duration.

Off-road Equipment - Demolition is minimal and more of freestanding signation and related structures. Reduced equipment accordingly.

Off-road Equipment -

Off-road Equipment - Building construction is more of freestanding enclosure and signage support. Reduced tractor/loader/backhoe to 1 for 8 hours per day and added welder.

Off-road Equipment -

Demolition -

Trips and VMT - Increased building construction worker trips to 1.5 workers per piece of equipment, adjusted architectul coating to 20% of building construction. Added haul trip during site preparation and vendor trips to account for material deliveries.

Consumer Products - Construction-only project.

Area Coating - Construction-only project.

Landscape Equipment - Construction-only project.

Energy Use -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	175	0
tblAreaCoating	Area_Nonresidential_Interior	525	0
tblConstructionPhase	NumDays	5.00	3.00
tblConstructionPhase	NumDays	100.00	54.00
tblConstructionPhase	NumDays	10.00	5.00
tblConstructionPhase	PhaseEndDate	6/22/2022	3/31/2022
tblConstructionPhase	PhaseEndDate	6/8/2022	3/28/2022
tblConstructionPhase	PhaseEndDate	1/14/2022	1/7/2022
tblConstructionPhase	PhaseEndDate	1/17/2022	1/10/2022
tblConstructionPhase	PhaseStartDate	6/16/2022	3/29/2022
tblConstructionPhase	PhaseStartDate	1/20/2022	1/12/2022
tblConstructionPhase	PhaseStartDate	1/15/2022	1/8/2022
tblLandUse	LandUseSquareFeet	0.00	350.00
tblLandUse	LotAcreage	0.00	0.02
tblOffRoadEquipment	OffRoadEquipmentType		Welders
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	PhaseName		Building Construction
tblTripsAndVMT	HaulingTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	0.00	15.00
tblTripsAndVMT	WorkerTripNumber	0.00	3.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	2.9211	8.0107	7.0946	0.0132	0.6495	0.3471	0.9115	0.0895	0.3245	0.3665	0.0000	1,311.9504	1,311.9504	0.3260	0.0000	1,320.1009
Maximum	**2.9211**	**8.0107**	**7.0946**	**0.0132**	**0.6495**	**0.3471**	**0.9115**	**0.0895**	**0.3245**	**0.3665**	**0.0000**	**1,311.9504**	**1,311.9504**	**0.3260**	**0.0000**	**1,320.1009**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	2.9211	8.0107	7.0946	0.0132	0.6495	0.3471	0.9115	0.0895	0.3245	0.3665	0.0000	1,311.9504	1,311.9504	0.3260	0.0000	1,320.1009
Maximum	**2.9211**	**8.0107**	**7.0946**	**0.0132**	**0.6495**	**0.3471**	**0.9115**	**0.0895**	**0.3245**	**0.3665**	**0.0000**	**1,311.9504**	**1,311.9504**	**0.3260**	**0.0000**	**1,320.1009**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.4900e-003	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		8.0000e-005	8.0000e-005	0.0000		8.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**7.4900e-003**	**0.0000**	**4.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**8.0000e-005**	**8.0000e-005**	**0.0000**	**0.0000**	**8.0000e-005**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.4900e-003	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		8.0000e-005	8.0000e-005	0.0000		8.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**7.4900e-003**	**0.0000**	**4.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**8.0000e-005**	**8.0000e-005**	**0.0000**	**0.0000**	**8.0000e-005**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2022	1/7/2022	5	5	
2	Site Preparation	Site Preparation	1/8/2022	1/10/2022	5	1	
3	Building Construction	Building Construction	1/12/2022	3/28/2022	5	54	
4	Architectural Coating	Architectural Coating	3/29/2022	3/31/2022	5	3	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 525; Non-Residential Outdoor: 175; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Welders	1	8.00	46	0.45
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	3	8.00	0.00	2.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	4.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	15.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0711	0.0000	0.0711	0.0108	0.0000	0.0108			0.0000			0.0000
Off-Road	0.5859	5.1571	5.7909	9.6600e-003		0.2699	0.2699		0.2604	0.2604		921.9733	921.9733	0.1388		925.4441
Total	**0.5859**	**5.1571**	**5.7909**	**9.6600e-003**	**0.0711**	**0.2699**	**0.3411**	**0.0108**	**0.2604**	**0.2711**		**921.9733**	**921.9733**	**0.1388**		**925.4441**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.0800e-003	0.1061	0.0265	3.0000e-004	6.9900e-003	4.3000e-004	7.4200e-003	1.9100e-003	4.1000e-004	2.3300e-003		32.8422	32.8422	2.0000e-003		32.8923
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0342	0.0260	0.2291	6.6000e-004	0.0791	4.8000e-004	0.0796	0.0210	4.4000e-004	0.0214		65.6169	65.6169	1.8500e-003		65.6632
Total	**0.0373**	**0.1322**	**0.2556**	**9.6000e-004**	**0.0861**	**9.1000e-004**	**0.0870**	**0.0229**	**8.5000e-004**	**0.0237**		**98.4591**	**98.4591**	**3.8500e-003**		**98.5555**

3.2 Demolition - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0711	0.0000	0.0711	0.0108	0.0000	0.0108			0.0000			0.0000
Off-Road	0.5859	5.1571	5.7909	9.6600e-003		0.2699	0.2699		0.2604	0.2604	0.0000	921.9733	921.9733	0.1388		925.4441
Total	**0.5859**	**5.1571**	**5.7909**	**9.6600e-003**	**0.0711**	**0.2699**	**0.3411**	**0.0108**	**0.2604**	**0.2711**	**0.0000**	**921.9733**	**921.9733**	**0.1388**		**925.4441**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.0800e-003	0.1061	0.0265	3.0000e-004	6.9900e-003	4.3000e-004	7.4200e-003	1.9100e-003	4.1000e-004	2.3300e-003		32.8422	32.8422	2.0000e-003		32.8923
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0342	0.0260	0.2291	6.6000e-004	0.0791	4.8000e-004	0.0796	0.0210	4.4000e-004	0.0214		65.6169	65.6169	1.8500e-003		65.6632
Total	**0.0373**	**0.1322**	**0.2556**	**9.6000e-004**	**0.0861**	**9.1000e-004**	**0.0870**	**0.0229**	**8.5000e-004**	**0.0237**		**98.4591**	**98.4591**	**3.8500e-003**		**98.5555**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.5797	6.9332	3.9597	9.7300e-003		0.2573	0.2573		0.2367	0.2367		942.5179	942.5179	0.3048		950.1386
Total	**0.5797**	**6.9332**	**3.9597**	**9.7300e-003**	**0.5303**	**0.2573**	**0.7876**	**0.0573**	**0.2367**	**0.2940**		**942.5179**	**942.5179**	**0.3048**		**950.1386**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0308	1.0611	0.2652	3.0400e-003	0.0699	4.3100e-003	0.0742	0.0191	4.1200e-003	0.0233		328.4220	328.4220	0.0200		328.9227
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0214	0.0163	0.1432	4.1000e-004	0.0494	3.0000e-004	0.0497	0.0131	2.7000e-004	0.0134		41.0106	41.0106	1.1600e-003		41.0395
Total	**0.0522**	**1.0774**	**0.4084**	**3.4500e-003**	**0.1193**	**4.6100e-003**	**0.1239**	**0.0323**	**4.3900e-003**	**0.0366**		**369.4325**	**369.4325**	**0.0212**		**369.9623**

3.3 Site Preparation - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.5797	6.9332	3.9597	9.7300e-003		0.2573	0.2573		0.2367	0.2367	0.0000	942.5179	942.5179	0.3048		950.1386
Total	**0.5797**	**6.9332**	**3.9597**	**9.7300e-003**	**0.5303**	**0.2573**	**0.7876**	**0.0573**	**0.2367**	**0.2940**	**0.0000**	**942.5179**	**942.5179**	**0.3048**		**950.1386**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0308	1.0611	0.2652	3.0400e-003	0.0699	4.3100e-003	0.0742	0.0191	4.1200e-003	0.0233		328.4220	328.4220	0.0200		328.9227
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0214	0.0163	0.1432	4.1000e-004	0.0494	3.0000e-004	0.0497	0.0131	2.7000e-004	0.0134		41.0106	41.0106	1.1600e-003		41.0395
Total	**0.0522**	**1.0774**	**0.4084**	**3.4500e-003**	**0.1193**	**4.6100e-003**	**0.1239**	**0.0323**	**4.3900e-003**	**0.0366**		**369.4325**	**369.4325**	**0.0212**		**369.9623**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7983	6.8130	6.6106	0.0108		0.3457	0.3457		0.3232	0.3232		1,010.1781	1,010.1781	0.2844		1,017.2890
Total	**0.7983**	**6.8130**	**6.6106**	**0.0108**		**0.3457**	**0.3457**		**0.3232**	**0.3232**		**1,010.1781**	**1,010.1781**	**0.2844**		**1,017.2890**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.8400e-003	0.1785	0.0546	3.9000e-004	9.2900e-003	4.9000e-004	9.7800e-003	2.6800e-003	4.7000e-004	3.1500e-003		41.1069	41.1069	2.5500e-003		41.1705
Worker	0.0642	0.0488	0.4295	1.2300e-003	0.1483	8.9000e-004	0.1492	0.0393	8.2000e-004	0.0402		123.0317	123.0317	3.4700e-003		123.1185
Total	**0.0700**	**0.2273**	**0.4841**	**1.6200e-003**	**0.1576**	**1.3800e-003**	**0.1590**	**0.0420**	**1.2900e-003**	**0.0433**		**164.1386**	**164.1386**	**6.0200e-003**		**164.2891**

3.4 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7983	6.8130	6.6106	0.0108		0.3457	0.3457		0.3232	0.3232	0.0000	1,010.1781	1,010.1781	0.2844		1,017.2890
Total	**0.7983**	**6.8130**	**6.6106**	**0.0108**		**0.3457**	**0.3457**		**0.3232**	**0.3232**	**0.0000**	**1,010.1781**	**1,010.1781**	**0.2844**		**1,017.2890**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.8400e-003	0.1785	0.0546	3.9000e-004	9.2900e-003	4.9000e-004	9.7800e-003	2.6800e-003	4.7000e-004	3.1500e-003		41.1069	41.1069	2.5500e-003		41.1705
Worker	0.0642	0.0488	0.4295	1.2300e-003	0.1483	8.9000e-004	0.1492	0.0393	8.2000e-004	0.0402		123.0317	123.0317	3.4700e-003		123.1185
Total	**0.0700**	**0.2273**	**0.4841**	**1.6200e-003**	**0.1576**	**1.3800e-003**	**0.1590**	**0.0420**	**1.2900e-003**	**0.0433**		**164.1386**	**164.1386**	**6.0200e-003**		**164.2891**

3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.7038					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**2.9083**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0128	9.7700e-003	0.0859	2.5000e-004	0.0297	1.8000e-004	0.0298	7.8700e-003	1.6000e-004	8.0300e-003		24.6063	24.6063	6.9000e-004		24.6237
Total	**0.0128**	**9.7700e-003**	**0.0859**	**2.5000e-004**	**0.0297**	**1.8000e-004**	**0.0298**	**7.8700e-003**	**1.6000e-004**	**8.0300e-003**		**24.6063**	**24.6063**	**6.9000e-004**		**24.6237**

3.5 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.7038					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**2.9083**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0128	9.7700e-003	0.0859	2.5000e-004	0.0297	1.8000e-004	0.0298	7.8700e-003	1.6000e-004	8.0300e-003		24.6063	24.6063	6.9000e-004		24.6237
Total	**0.0128**	**9.7700e-003**	**0.0859**	**2.5000e-004**	**0.0297**	**1.8000e-004**	**0.0298**	**7.8700e-003**	**1.6000e-004**	**8.0300e-003**		**24.6063**	**24.6063**	**6.9000e-004**		**24.6237**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.582546	0.028575	0.198242	0.117308	0.024121	0.006096	0.012865	0.019735	0.002341	0.001188	0.004913	0.000770	0.001299

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.4900e-003	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		8.0000e-005	8.0000e-005	0.0000		8.0000e-005
Unmitigated	7.4900e-003	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		8.0000e-005	8.0000e-005	0.0000		8.0000e-005

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.4900e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		8.0000e-005	8.0000e-005	0.0000		8.0000e-005
Total	**7.4900e-003**	**0.0000**	**4.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**8.0000e-005**	**8.0000e-005**	**0.0000**		**8.0000e-005**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.4900e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		8.0000e-005	8.0000e-005	0.0000		8.0000e-005
Total	**7.4900e-003**	**0.0000**	**4.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**8.0000e-005**	**8.0000e-005**	**0.0000**		**8.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes SVRA PWP - Pismo Boardwalk

San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	9.00	Acre	9.00	392,040.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only.

Land Use -

Construction Phase - No demolition or paving. Adjusted default phase durations proportionally for 6 month construction duration.

Off-road Equipment -

Off-road Equipment - Linear site prep/development. Reduced total equipment to max 2 pieces of each type.

Trips and VMT - Adjusted bldg const. worker trips to 1.5 workers per equipment piece. Arch coating trips assume 20% bldg const trips, per CalEEMod default. Modeled vendor trips as haul truck total for phase.

Energy Use -

Land Use Change -

Off-road Equipment - Linear site prep/development. Reduced total equipment to max 2 pieces of each type.

Off-road Equipment - Linear site prep/development. Reduced total equipment to max 2 pieces of each type.

Architectural Coating -

Consumer Products - Construction-only.

Area Coating - Construction-only project.

Landscape Equipment - Construction-only project.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	23522	0
tblConstructionPhase	NumDays	20.00	9.00
tblConstructionPhase	NumDays	230.00	107.00
tblConstructionPhase	NumDays	20.00	9.00
tblConstructionPhase	NumDays	10.00	4.00
tblConstructionPhase	PhaseEndDate	1/27/2023	6/30/2022
tblConstructionPhase	PhaseEndDate	12/30/2022	6/17/2022
tblConstructionPhase	PhaseEndDate	2/11/2022	1/19/2022
tblConstructionPhase	PhaseEndDate	1/14/2022	1/6/2022
tblConstructionPhase	PhaseStartDate	12/31/2022	6/18/2022
tblConstructionPhase	PhaseStartDate	2/12/2022	1/20/2022
tblConstructionPhase	PhaseStartDate	1/15/2022	1/7/2022
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblTripsAndVMT	HaulingTripNumber	0.00	64.00
tblTripsAndVMT	VendorTripNumber	64.00	0.00
tblTripsAndVMT	WorkerTripNumber	165.00	22.00
tblTripsAndVMT	WorkerTripNumber	33.00	5.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.1774	0.8478	0.8376	1.5200e-003	0.1687	0.0417	0.2104	0.0868	0.0393	0.1260	0.0000	131.7255	131.7255	0.0285	0.0000	132.4367
Maximum	**0.1774**	**0.8478**	**0.8376**	**1.5200e-003**	**0.1687**	**0.0417**	**0.2104**	**0.0868**	**0.0393**	**0.1260**	**0.0000**	**131.7255**	**131.7255**	**0.0285**	**0.0000**	**132.4367**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.1774	0.8478	0.8376	1.5200e-003	0.1687	0.0417	0.2104	0.0868	0.0393	0.1260	0.0000	131.7254	131.7254	0.0285	0.0000	132.4365
Maximum	**0.1774**	**0.8478**	**0.8376**	**1.5200e-003**	**0.1687**	**0.0417**	**0.2104**	**0.0868**	**0.0393**	**0.1260**	**0.0000**	**131.7254**	**131.7254**	**0.0285**	**0.0000**	**132.4365**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2022**	**3-31-2022**	0.5242	0.5242
2	**4-1-2022**	**6-30-2022**	0.5057	0.5057
		Highest	0.5242	0.5242

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0254	0.0000	1.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.9000e-004	2.9000e-004	0.0000	0.0000	3.1000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0254**	**0.0000**	**1.5000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**2.9000e-004**	**2.9000e-004**	**0.0000**	**0.0000**	**3.1000e-004**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0254	0.0000	1.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.9000e-004	2.9000e-004	0.0000	0.0000	3.1000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0254**	**0.0000**	**1.5000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**2.9000e-004**	**2.9000e-004**	**0.0000**	**0.0000**	**3.1000e-004**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.3 Vegetation

Vegetation

	CO2e
Category	MT
Vegetation Land Change	-112.6821
Total	**-112.6821**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2022	1/6/2022	5	4	
2	Grading	Grading	1/7/2022	1/19/2022	5	9	
3	Building Construction	Building Construction	1/20/2022	6/17/2022	5	107	
4	Architectural Coating	Architectural Coating	6/18/2022	6/30/2022	5	9	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 9

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 23,522 (Architectural Coating – sqft)

OffRoad Equipment

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	4	10.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	5	13.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	22.00	0.00	64.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0100e-003	0.0419	0.0233	5.0000e-005		2.0300e-003	2.0300e-003		1.8700e-003	1.8700e-003	0.0000	4.0942	4.0942	1.3200e-003	0.0000	4.1273
Total	**4.0100e-003**	**0.0419**	**0.0233**	**5.0000e-005**	**0.0903**	**2.0300e-003**	**0.0924**	**0.0497**	**1.8700e-003**	**0.0515**	**0.0000**	**4.0942**	**4.0942**	**1.3200e-003**	**0.0000**	**4.1273**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	6.0000e-005	5.7000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1500	0.1500	0.0000	0.0000	0.1501
Total	**8.0000e-005**	**6.0000e-005**	**5.7000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**0.0000**	**0.1500**	**0.1500**	**0.0000**	**0.0000**	**0.1501**

3.2 Site Preparation - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0100e-003	0.0419	0.0233	5.0000e-005		2.0300e-003	2.0300e-003		1.8700e-003	1.8700e-003	0.0000	4.0942	4.0942	1.3200e-003	0.0000	4.1273
Total	**4.0100e-003**	**0.0419**	**0.0233**	**5.0000e-005**	**0.0903**	**2.0300e-003**	**0.0924**	**0.0497**	**1.8700e-003**	**0.0515**	**0.0000**	**4.0942**	**4.0942**	**1.3200e-003**	**0.0000**	**4.1273**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	6.0000e-005	5.7000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1500	0.1500	0.0000	0.0000	0.1501
Total	**8.0000e-005**	**6.0000e-005**	**5.7000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**0.0000**	**0.1500**	**0.1500**	**0.0000**	**0.0000**	**0.1501**

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0655	0.0000	0.0655	0.0337	0.0000	0.0337	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.0300e-003	0.0863	0.0587	1.2000e-004		3.8300e-003	3.8300e-003		3.5200e-003	3.5200e-003	0.0000	10.4949	10.4949	3.3900e-003	0.0000	10.5797
Total	**8.0300e-003**	**0.0863**	**0.0587**	**1.2000e-004**	**0.0655**	**3.8300e-003**	**0.0694**	**0.0337**	**3.5200e-003**	**0.0372**	**0.0000**	**10.4949**	**10.4949**	**3.3900e-003**	**0.0000**	**10.5797**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-004	1.9000e-004	1.6700e-003	0.0000	5.6000e-004	0.0000	5.7000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4388	0.4388	1.0000e-005	0.0000	0.4392
Total	**2.2000e-004**	**1.9000e-004**	**1.6700e-003**	**0.0000**	**5.6000e-004**	**0.0000**	**5.7000e-004**	**1.5000e-004**	**0.0000**	**1.5000e-004**	**0.0000**	**0.4388**	**0.4388**	**1.0000e-005**	**0.0000**	**0.4392**

3.3 Grading - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0655	0.0000	0.0655	0.0337	0.0000	0.0337	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.0300e-003	0.0863	0.0587	1.2000e-004		3.8300e-003	3.8300e-003		3.5200e-003	3.5200e-003	0.0000	10.4949	10.4949	3.3900e-003	0.0000	10.5797
Total	**8.0300e-003**	**0.0863**	**0.0587**	**1.2000e-004**	**0.0655**	**3.8300e-003**	**0.0694**	**0.0337**	**3.5200e-003**	**0.0372**	**0.0000**	**10.4949**	**10.4949**	**3.3900e-003**	**0.0000**	**10.5797**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-004	1.9000e-004	1.6700e-003	0.0000	5.6000e-004	0.0000	5.7000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4388	0.4388	1.0000e-005	0.0000	0.4392
Total	**2.2000e-004**	**1.9000e-004**	**1.6700e-003**	**0.0000**	**5.6000e-004**	**0.0000**	**5.7000e-004**	**1.5000e-004**	**0.0000**	**1.5000e-004**	**0.0000**	**0.4388**	**0.4388**	**1.0000e-005**	**0.0000**	**0.4392**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0775	0.7006	0.7090	1.2100e-003		0.0353	0.0353		0.0334	0.0334	0.0000	103.9955	103.9955	0.0232	0.0000	104.5765
Total	**0.0775**	**0.7006**	**0.7090**	**1.2100e-003**		**0.0353**	**0.0353**		**0.0334**	**0.0334**	**0.0000**	**103.9955**	**103.9955**	**0.0232**	**0.0000**	**104.5765**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4000e-004	8.6000e-003	2.0500e-003	2.0000e-005	5.5000e-004	3.0000e-005	5.8000e-004	1.5000e-004	3.0000e-005	1.8000e-004	0.0000	2.4050	2.4050	1.4000e-004	0.0000	2.4086
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5000e-003	3.7600e-003	0.0336	1.0000e-004	0.0113	7.0000e-005	0.0114	3.0100e-003	6.0000e-005	3.0800e-003	0.0000	8.8293	8.8293	2.5000e-004	0.0000	8.8355
Total	**4.7400e-003**	**0.0124**	**0.0357**	**1.2000e-004**	**0.0119**	**1.0000e-004**	**0.0120**	**3.1600e-003**	**9.0000e-005**	**3.2600e-003**	**0.0000**	**11.2343**	**11.2343**	**3.9000e-004**	**0.0000**	**11.2441**

3.4 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0775	0.7006	0.7090	1.2100e-003		0.0353	0.0353		0.0334	0.0334	0.0000	103.9954	103.9954	0.0232	0.0000	104.5764
Total	**0.0775**	**0.7006**	**0.7090**	**1.2100e-003**		**0.0353**	**0.0353**		**0.0334**	**0.0334**	**0.0000**	**103.9954**	**103.9954**	**0.0232**	**0.0000**	**104.5764**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4000e-004	8.6000e-003	2.0500e-003	2.0000e-005	5.5000e-004	3.0000e-005	5.8000e-004	1.5000e-004	3.0000e-005	1.8000e-004	0.0000	2.4050	2.4050	1.4000e-004	0.0000	2.4086
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5000e-003	3.7600e-003	0.0336	1.0000e-004	0.0113	7.0000e-005	0.0114	3.0100e-003	6.0000e-005	3.0800e-003	0.0000	8.8293	8.8293	2.5000e-004	0.0000	8.8355
Total	**4.7400e-003**	**0.0124**	**0.0357**	**1.2000e-004**	**0.0119**	**1.0000e-004**	**0.0120**	**3.1600e-003**	**9.0000e-005**	**3.2600e-003**	**0.0000**	**11.2343**	**11.2343**	**3.9000e-004**	**0.0000**	**11.2441**

3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0818					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.2000e-004	6.3400e-003	8.1600e-003	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	1.1490	1.1490	7.0000e-005	0.0000	1.1508
Total	**0.0827**	**6.3400e-003**	**8.1600e-003**	**1.0000e-005**		**3.7000e-004**	**3.7000e-004**		**3.7000e-004**	**3.7000e-004**	**0.0000**	**1.1490**	**1.1490**	**7.0000e-005**	**0.0000**	**1.1508**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	7.0000e-005	6.4000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1688	0.1688	0.0000	0.0000	0.1689
Total	**9.0000e-005**	**7.0000e-005**	**6.4000e-004**	**0.0000**	**2.2000e-004**	**0.0000**	**2.2000e-004**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.1688**	**0.1688**	**0.0000**	**0.0000**	**0.1689**

3.5 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0818					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.2000e-004	6.3400e-003	8.1600e-003	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	1.1490	1.1490	7.0000e-005	0.0000	1.1508
Total	**0.0827**	**6.3400e-003**	**8.1600e-003**	**1.0000e-005**		**3.7000e-004**	**3.7000e-004**		**3.7000e-004**	**3.7000e-004**	**0.0000**	**1.1490**	**1.1490**	**7.0000e-005**	**0.0000**	**1.1508**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	7.0000e-005	6.4000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1688	0.1688	0.0000	0.0000	0.1689
Total	**9.0000e-005**	**7.0000e-005**	**6.4000e-004**	**0.0000**	**2.2000e-004**	**0.0000**	**2.2000e-004**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.1688**	**0.1688**	**0.0000**	**0.0000**	**0.1689**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.575581	0.029595	0.198288	0.120539	0.026172	0.006482	0.012911	0.019591	0.002354	0.001214	0.005068	0.000784	0.001422

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0254	0.0000	1.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.9000e-004	2.9000e-004	0.0000	0.0000	3.1000e-004
Unmitigated	0.0254	0.0000	1.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.9000e-004	2.9000e-004	0.0000	0.0000	3.1000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0253					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.9000e-004	2.9000e-004	0.0000	0.0000	3.1000e-004
Total	**0.0254**	**0.0000**	**1.5000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**2.9000e-004**	**2.9000e-004**	**0.0000**	**0.0000**	**3.1000e-004**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0253					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.9000e-004	2.9000e-004	0.0000	0.0000	3.1000e-004
Total	**0.0254**	**0.0000**	**1.5000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**2.9000e-004**	**2.9000e-004**	**0.0000**	**0.0000**	**3.1000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

	Total CO2	CH4	N2O	CO2e
Category	MT			
Unmitigated	-112.6821	0.0000	0.0000	-112.6821

11.1 Vegetation Land Change

Vegetation Type

	Initial/Final	Total CO2	CH4	N2O	CO2e
	Acres	MT			
Scrub	7.647 / 0	-109.3521	0.0000	0.0000	-109.3521
Trees	0.03 / 0	-3.3300	0.0000	0.0000	-3.3300
Total		**-112.6821**	**0.0000**	**0.0000**	**-112.6821**

Pismo State Beach and Oceano Dunes SVRA PWP - Pismo Boardwalk

San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	9.00	Acre	9.00	392,040.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only.

Land Use -

Construction Phase - No demolition or paving. Adjusted default phase durations proportionally for 6 month construction duration.

Off-road Equipment -

Off-road Equipment - Linear site prep/development. Reduced total equipment to max 2 pieces of each type.

Trips and VMT - Adjusted bldg const. worker trips to 1.5 workers per equipment piece. Arch coating trips assume 20% bldg const trips, per CalEEMod default. Modeled vendor trips as haul truck total for phase.

Energy Use -

Land Use Change -

Off-road Equipment - Linear site prep/development. Reduced total equipment to max 2 pieces of each type.

Off-road Equipment - Linear site prep/development. Reduced total equipment to max 2 pieces of each type.

Architectural Coating -

Consumer Products - Construction-only.

Area Coating - Construction-only project.

Landscape Equipment - Construction-only project.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	23522	0
tblConstructionPhase	NumDays	20.00	9.00
tblConstructionPhase	NumDays	230.00	107.00
tblConstructionPhase	NumDays	20.00	9.00
tblConstructionPhase	NumDays	10.00	4.00
tblConstructionPhase	PhaseEndDate	1/27/2023	6/30/2022
tblConstructionPhase	PhaseEndDate	12/30/2022	6/17/2022
tblConstructionPhase	PhaseEndDate	2/11/2022	1/19/2022
tblConstructionPhase	PhaseEndDate	1/14/2022	1/6/2022
tblConstructionPhase	PhaseStartDate	12/31/2022	6/18/2022
tblConstructionPhase	PhaseStartDate	2/12/2022	1/20/2022
tblConstructionPhase	PhaseStartDate	1/15/2022	1/7/2022
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblTripsAndVMT	HaulingTripNumber	0.00	64.00
tblTripsAndVMT	VendorTripNumber	64.00	0.00
tblTripsAndVMT	WorkerTripNumber	165.00	22.00
tblTripsAndVMT	WorkerTripNumber	33.00	5.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	18.3940	20.9673	13.9396	0.0277	45.2645	1.0156	46.2801	24.8529	0.9343	25.7873	0.0000	2,682.6716	2,682.6716	0.8346	0.0000	2,703.5360
Maximum	**18.3940**	**20.9673**	**13.9396**	**0.0277**	**45.2645**	**1.0156**	**46.2801**	**24.8529**	**0.9343**	**25.7873**	**0.0000**	**2,682.6716**	**2,682.6716**	**0.8346**	**0.0000**	**2,703.5360**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	18.3940	20.9673	13.9396	0.0277	45.2645	1.0156	46.2801	24.8529	0.9343	25.7873	0.0000	2,682.6716	2,682.6716	0.8346	0.0000	2,703.5360
Maximum	**18.3940**	**20.9673**	**13.9396**	**0.0277**	**45.2645**	**1.0156**	**46.2801**	**24.8529**	**0.9343**	**25.7873**	**0.0000**	**2,682.6716**	**2,682.6716**	**0.8346**	**0.0000**	**2,703.5360**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.1390	1.0000e-005	9.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.9700e-003	1.9700e-003	1.0000e-005		2.1000e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.1390**	**1.0000e-005**	**9.2000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**1.9700e-003**	**1.9700e-003**	**1.0000e-005**	**0.0000**	**2.1000e-003**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.1390	1.0000e-005	9.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.9700e-003	1.9700e-003	1.0000e-005		2.1000e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.1390**	**1.0000e-005**	**9.2000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**1.9700e-003**	**1.9700e-003**	**1.0000e-005**	**0.0000**	**2.1000e-003**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2022	1/6/2022	5	4	
2	Grading	Grading	1/7/2022	1/19/2022	5	9	
3	Building Construction	Building Construction	1/20/2022	6/17/2022	5	107	
4	Architectural Coating	Architectural Coating	6/18/2022	6/30/2022	5	9	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 9

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 23,522 (Architectural Coating – sqft)

OffRoad Equipment

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	4	10.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	5	13.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	22.00	0.00	64.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					45.1657	0.0000	45.1657	24.8267	0.0000	24.8267			0.0000			0.0000
Off-Road	2.0036	20.9386	11.6399	0.0233		1.0150	1.0150		0.9338	0.9338		2,256.5486	2,256.5486	0.7298		2,274.7939
Total	**2.0036**	**20.9386**	**11.6399**	**0.0233**	**45.1657**	**1.0150**	**46.1806**	**24.8267**	**0.9338**	**25.7605**		**2,256.5486**	**2,256.5486**	**0.7298**		**2,274.7939**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0374	0.0287	0.2958	8.6000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		86.0494	86.0494	2.4000e-003		86.1095
Total	**0.0374**	**0.0287**	**0.2958**	**8.6000e-004**	**0.0989**	**5.9000e-004**	**0.0995**	**0.0262**	**5.5000e-004**	**0.0268**		**86.0494**	**86.0494**	**2.4000e-003**		**86.1095**

3.2 Site Preparation - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					45.1657	0.0000	45.1657	24.8267	0.0000	24.8267			0.0000			0.0000
Off-Road	2.0036	20.9386	11.6399	0.0233		1.0150	1.0150		0.9338	0.9338	0.0000	2,256.5486	2,256.5486	0.7298		2,274.7939
Total	**2.0036**	**20.9386**	**11.6399**	**0.0233**	**45.1657**	**1.0150**	**46.1806**	**24.8267**	**0.9338**	**25.7605**	**0.0000**	**2,256.5486**	**2,256.5486**	**0.7298**		**2,274.7939**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0374	0.0287	0.2958	8.6000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		86.0494	86.0494	2.4000e-003		86.1095
Total	**0.0374**	**0.0287**	**0.2958**	**8.6000e-004**	**0.0989**	**5.9000e-004**	**0.0995**	**0.0262**	**5.5000e-004**	**0.0268**		**86.0494**	**86.0494**	**2.4000e-003**		**86.1095**

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					14.5608	0.0000	14.5608	7.4833	0.0000	7.4833			0.0000			0.0000
Off-Road	1.7839	19.1795	13.0348	0.0265		0.8507	0.8507		0.7827	0.7827		2,570.8075	2,570.8075	0.8315		2,591.5937
Total	**1.7839**	**19.1795**	**13.0348**	**0.0265**	**14.5608**	**0.8507**	**15.4115**	**7.4833**	**0.7827**	**8.2660**		**2,570.8075**	**2,570.8075**	**0.8315**		**2,591.5937**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0486	0.0373	0.3845	1.1200e-003	0.1285	7.7000e-004	0.1293	0.0341	7.1000e-004	0.0348		111.8642	111.8642	3.1300e-003		111.9423
Total	**0.0486**	**0.0373**	**0.3845**	**1.1200e-003**	**0.1285**	**7.7000e-004**	**0.1293**	**0.0341**	**7.1000e-004**	**0.0348**		**111.8642**	**111.8642**	**3.1300e-003**		**111.9423**

3.3 Grading - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					14.5608	0.0000	14.5608	7.4833	0.0000	7.4833			0.0000			0.0000
Off-Road	1.7839	19.1795	13.0348	0.0265		0.8507	0.8507		0.7827	0.7827	0.0000	2,570.8075	2,570.8075	0.8315		2,591.5937
Total	**1.7839**	**19.1795**	**13.0348**	**0.0265**	**14.5608**	**0.8507**	**15.4115**	**7.4833**	**0.7827**	**8.2660**	**0.0000**	**2,570.8075**	**2,570.8075**	**0.8315**		**2,591.5937**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0486	0.0373	0.3845	1.1200e-003	0.1285	7.7000e-004	0.1293	0.0341	7.1000e-004	0.0348		111.8642	111.8642	3.1300e-003		111.9423
Total	**0.0486**	**0.0373**	**0.3845**	**1.1200e-003**	**0.1285**	**7.7000e-004**	**0.1293**	**0.0341**	**7.1000e-004**	**0.0348**		**111.8642**	**111.8642**	**3.1300e-003**		**111.9423**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4485	13.0946	13.2515	0.0227		0.6603	0.6603		0.6243	0.6243		2,142.7187	2,142.7187	0.4788		2,154.6892
Total	**1.4485**	**13.0946**	**13.2515**	**0.0227**		**0.6603**	**0.6603**		**0.6243**	**0.6243**		**2,142.7187**	**2,142.7187**	**0.4788**		**2,154.6892**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.4800e-003	0.1579	0.0374	4.6000e-004	0.0105	6.3000e-004	0.0111	2.8600e-003	6.0000e-004	3.4600e-003		49.8736	49.8736	2.9000e-003		49.9462
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0822	0.0631	0.6508	1.9000e-003	0.2175	1.3100e-003	0.2188	0.0577	1.2100e-003	0.0589		189.3086	189.3086	5.2900e-003		189.4408
Total	**0.0867**	**0.2210**	**0.6881**	**2.3600e-003**	**0.2279**	**1.9400e-003**	**0.2299**	**0.0605**	**1.8100e-003**	**0.0624**		**239.1822**	**239.1822**	**8.1900e-003**		**239.3870**

3.4 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4485	13.0946	13.2515	0.0227		0.6603	0.6603		0.6243	0.6243	0.0000	2,142.7187	2,142.7187	0.4788		2,154.6892
Total	**1.4485**	**13.0946**	**13.2515**	**0.0227**		**0.6603**	**0.6603**		**0.6243**	**0.6243**	**0.0000**	**2,142.7187**	**2,142.7187**	**0.4788**		**2,154.6892**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.4800e-003	0.1579	0.0374	4.6000e-004	0.0105	6.3000e-004	0.0111	2.8600e-003	6.0000e-004	3.4600e-003		49.8736	49.8736	2.9000e-003		49.9462
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0822	0.0631	0.6508	1.9000e-003	0.2175	1.3100e-003	0.2188	0.0577	1.2100e-003	0.0589		189.3086	189.3086	5.2900e-003		189.4408
Total	**0.0867**	**0.2210**	**0.6881**	**2.3600e-003**	**0.2279**	**1.9400e-003**	**0.2299**	**0.0605**	**1.8100e-003**	**0.0624**		**239.1822**	**239.1822**	**8.1900e-003**		**239.3870**

3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.1708					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**18.3753**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0187	0.0144	0.1479	4.3000e-004	0.0494	3.0000e-004	0.0497	0.0131	2.7000e-004	0.0134		43.0247	43.0247	1.2000e-003		43.0547
Total	**0.0187**	**0.0144**	**0.1479**	**4.3000e-004**	**0.0494**	**3.0000e-004**	**0.0497**	**0.0131**	**2.7000e-004**	**0.0134**		**43.0247**	**43.0247**	**1.2000e-003**		**43.0547**

3.5 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.1708					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**18.3753**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0187	0.0144	0.1479	4.3000e-004	0.0494	3.0000e-004	0.0497	0.0131	2.7000e-004	0.0134		43.0247	43.0247	1.2000e-003		43.0547
Total	**0.0187**	**0.0144**	**0.1479**	**4.3000e-004**	**0.0494**	**3.0000e-004**	**0.0497**	**0.0131**	**2.7000e-004**	**0.0134**		**43.0247**	**43.0247**	**1.2000e-003**		**43.0547**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.575581	0.029595	0.198288	0.120539	0.026172	0.006482	0.012911	0.019591	0.002354	0.001214	0.005068	0.000784	0.001422

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.1390	1.0000e-005	9.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.9700e-003	1.9700e-003	1.0000e-005		2.1000e-003
Unmitigated	0.1390	1.0000e-005	9.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.9700e-003	1.9700e-003	1.0000e-005		2.1000e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1389					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.0000e-005	1.0000e-005	9.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.9700e-003	1.9700e-003	1.0000e-005		2.1000e-003
Total	**0.1390**	**1.0000e-005**	**9.2000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.9700e-003**	**1.9700e-003**	**1.0000e-005**		**2.1000e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1389					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.0000e-005	1.0000e-005	9.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.9700e-003	1.9700e-003	1.0000e-005		2.1000e-003
Total	**0.1390**	**1.0000e-005**	**9.2000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.9700e-003**	**1.9700e-003**	**1.0000e-005**		**2.1000e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes SVRA PWP - Pismo Boardwalk

San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	9.00	Acre	9.00	392,040.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only.

Land Use -

Construction Phase - No demolition or paving. Adjusted default phase durations proportionally for 6 month construction duration.

Off-road Equipment -

Off-road Equipment - Linear site prep/development. Reduced total equipment to max 2 pieces of each type.

Trips and VMT - Adjusted bldg const. worker trips to 1.5 workers per equipment piece. Arch coating trips assume 20% bldg const trips, per CalEEMod default. Modeled vendor trips as haul truck total for phase.

Energy Use -

Land Use Change -

Off-road Equipment - Linear site prep/development. Reduced total equipment to max 2 pieces of each type.

Off-road Equipment - Linear site prep/development. Reduced total equipment to max 2 pieces of each type.

Architectural Coating -

Consumer Products - Construction-only.

Area Coating - Construction-only project.

Landscape Equipment - Construction-only project.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	23522	0
tblConstructionPhase	NumDays	20.00	9.00
tblConstructionPhase	NumDays	230.00	107.00
tblConstructionPhase	NumDays	20.00	9.00
tblConstructionPhase	NumDays	10.00	4.00
tblConstructionPhase	PhaseEndDate	1/27/2023	6/30/2022
tblConstructionPhase	PhaseEndDate	12/30/2022	6/17/2022
tblConstructionPhase	PhaseEndDate	2/11/2022	1/19/2022
tblConstructionPhase	PhaseEndDate	1/14/2022	1/6/2022
tblConstructionPhase	PhaseStartDate	12/31/2022	6/18/2022
tblConstructionPhase	PhaseStartDate	2/12/2022	1/20/2022
tblConstructionPhase	PhaseStartDate	1/15/2022	1/7/2022
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblTripsAndVMT	HaulingTripNumber	0.00	64.00
tblTripsAndVMT	VendorTripNumber	64.00	0.00
tblTripsAndVMT	WorkerTripNumber	165.00	22.00
tblTripsAndVMT	WorkerTripNumber	33.00	5.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	18.3967	20.9711	13.9210	0.0276	45.2645	1.0156	46.2801	24.8529	0.9343	25.7873	0.0000	2,677.4350	2,677.4350	0.8345	0.0000	2,698.2965
Maximum	**18.3967**	**20.9711**	**13.9210**	**0.0276**	**45.2645**	**1.0156**	**46.2801**	**24.8529**	**0.9343**	**25.7873**	**0.0000**	**2,677.4350**	**2,677.4350**	**0.8345**	**0.0000**	**2,698.2965**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	18.3967	20.9711	13.9210	0.0276	45.2645	1.0156	46.2801	24.8529	0.9343	25.7873	0.0000	2,677.4350	2,677.4350	0.8345	0.0000	2,698.2965
Maximum	**18.3967**	**20.9711**	**13.9210**	**0.0276**	**45.2645**	**1.0156**	**46.2801**	**24.8529**	**0.9343**	**25.7873**	**0.0000**	**2,677.4350**	**2,677.4350**	**0.8345**	**0.0000**	**2,698.2965**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.1390	1.0000e-005	9.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.9700e-003	1.9700e-003	1.0000e-005		2.1000e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.1390**	**1.0000e-005**	**9.2000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**1.9700e-003**	**1.9700e-003**	**1.0000e-005**	**0.0000**	**2.1000e-003**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.1390	1.0000e-005	9.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.9700e-003	1.9700e-003	1.0000e-005		2.1000e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.1390**	**1.0000e-005**	**9.2000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**1.9700e-003**	**1.9700e-003**	**1.0000e-005**	**0.0000**	**2.1000e-003**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2022	1/6/2022	5	4	
2	Grading	Grading	1/7/2022	1/19/2022	5	9	
3	Building Construction	Building Construction	1/20/2022	6/17/2022	5	107	
4	Architectural Coating	Architectural Coating	6/18/2022	6/30/2022	5	9	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 9

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 23,522 (Architectural Coating – sqft)

OffRoad Equipment

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	4	10.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	5	13.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	22.00	0.00	64.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					45.1657	0.0000	45.1657	24.8267	0.0000	24.8267			0.0000			0.0000
Off-Road	2.0036	20.9386	11.6399	0.0233		1.0150	1.0150		0.9338	0.9338		2,256.5486	2,256.5486	0.7298		2,274.7939
Total	**2.0036**	**20.9386**	**11.6399**	**0.0233**	**45.1657**	**1.0150**	**46.1806**	**24.8267**	**0.9338**	**25.7605**		**2,256.5486**	**2,256.5486**	**0.7298**		**2,274.7939**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0428	0.0326	0.2863	8.2000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		82.0212	82.0212	2.3200e-003		82.0790
Total	**0.0428**	**0.0326**	**0.2863**	**8.2000e-004**	**0.0989**	**5.9000e-004**	**0.0995**	**0.0262**	**5.5000e-004**	**0.0268**		**82.0212**	**82.0212**	**2.3200e-003**		**82.0790**

3.2 Site Preparation - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					45.1657	0.0000	45.1657	24.8267	0.0000	24.8267			0.0000			0.0000
Off-Road	2.0036	20.9386	11.6399	0.0233		1.0150	1.0150		0.9338	0.9338	0.0000	2,256.5486	2,256.5486	0.7298		2,274.7939
Total	**2.0036**	**20.9386**	**11.6399**	**0.0233**	**45.1657**	**1.0150**	**46.1806**	**24.8267**	**0.9338**	**25.7605**	**0.0000**	**2,256.5486**	**2,256.5486**	**0.7298**		**2,274.7939**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0428	0.0326	0.2863	8.2000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		82.0212	82.0212	2.3200e-003		82.0790
Total	**0.0428**	**0.0326**	**0.2863**	**8.2000e-004**	**0.0989**	**5.9000e-004**	**0.0995**	**0.0262**	**5.5000e-004**	**0.0268**		**82.0212**	**82.0212**	**2.3200e-003**		**82.0790**

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					14.5608	0.0000	14.5608	7.4833	0.0000	7.4833			0.0000			0.0000
Off-Road	1.7839	19.1795	13.0348	0.0265		0.8507	0.8507		0.7827	0.7827		2,570.8075	2,570.8075	0.8315		2,591.5937
Total	**1.7839**	**19.1795**	**13.0348**	**0.0265**	**14.5608**	**0.8507**	**15.4115**	**7.4833**	**0.7827**	**8.2660**		**2,570.8075**	**2,570.8075**	**0.8315**		**2,591.5937**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0556	0.0423	0.3722	1.0700e-003	0.1285	7.7000e-004	0.1293	0.0341	7.1000e-004	0.0348		106.6275	106.6275	3.0100e-003		106.7027
Total	**0.0556**	**0.0423**	**0.3722**	**1.0700e-003**	**0.1285**	**7.7000e-004**	**0.1293**	**0.0341**	**7.1000e-004**	**0.0348**		**106.6275**	**106.6275**	**3.0100e-003**		**106.7027**

3.3 Grading - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					14.5608	0.0000	14.5608	7.4833	0.0000	7.4833			0.0000			0.0000
Off-Road	1.7839	19.1795	13.0348	0.0265		0.8507	0.8507		0.7827	0.7827	0.0000	2,570.8075	2,570.8075	0.8315		2,591.5937
Total	**1.7839**	**19.1795**	**13.0348**	**0.0265**	**14.5608**	**0.8507**	**15.4115**	**7.4833**	**0.7827**	**8.2660**	**0.0000**	**2,570.8075**	**2,570.8075**	**0.8315**		**2,591.5937**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0556	0.0423	0.3722	1.0700e-003	0.1285	7.7000e-004	0.1293	0.0341	7.1000e-004	0.0348		106.6275	106.6275	3.0100e-003		106.7027
Total	**0.0556**	**0.0423**	**0.3722**	**1.0700e-003**	**0.1285**	**7.7000e-004**	**0.1293**	**0.0341**	**7.1000e-004**	**0.0348**		**106.6275**	**106.6275**	**3.0100e-003**		**106.7027**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4485	13.0946	13.2515	0.0227		0.6603	0.6603		0.6243	0.6243		2,142.7187	2,142.7187	0.4788		2,154.6892
Total	**1.4485**	**13.0946**	**13.2515**	**0.0227**		**0.6603**	**0.6603**		**0.6243**	**0.6243**		**2,142.7187**	**2,142.7187**	**0.4788**		**2,154.6892**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.6100e-003	0.1587	0.0397	4.5000e-004	0.0105	6.4000e-004	0.0111	2.8600e-003	6.2000e-004	3.4800e-003		49.1098	49.1098	3.0000e-003		49.1847
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0941	0.0716	0.6299	1.8100e-003	0.2175	1.3100e-003	0.2188	0.0577	1.2100e-003	0.0589		180.4465	180.4465	5.0900e-003		180.5739
Total	**0.0987**	**0.2303**	**0.6696**	**2.2600e-003**	**0.2279**	**1.9500e-003**	**0.2299**	**0.0605**	**1.8300e-003**	**0.0624**		**229.5564**	**229.5564**	**8.0900e-003**		**229.7586**

3.4 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4485	13.0946	13.2515	0.0227		0.6603	0.6603		0.6243	0.6243	0.0000	2,142.7187	2,142.7187	0.4788		2,154.6892
Total	**1.4485**	**13.0946**	**13.2515**	**0.0227**		**0.6603**	**0.6603**		**0.6243**	**0.6243**	**0.0000**	**2,142.7187**	**2,142.7187**	**0.4788**		**2,154.6892**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.6100e-003	0.1587	0.0397	4.5000e-004	0.0105	6.4000e-004	0.0111	2.8600e-003	6.2000e-004	3.4800e-003		49.1098	49.1098	3.0000e-003		49.1847
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0941	0.0716	0.6299	1.8100e-003	0.2175	1.3100e-003	0.2188	0.0577	1.2100e-003	0.0589		180.4465	180.4465	5.0900e-003		180.5739
Total	**0.0987**	**0.2303**	**0.6696**	**2.2600e-003**	**0.2279**	**1.9500e-003**	**0.2299**	**0.0605**	**1.8300e-003**	**0.0624**		**229.5564**	**229.5564**	**8.0900e-003**		**229.7586**

3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.1708					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**18.3753**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0214	0.0163	0.1432	4.1000e-004	0.0494	3.0000e-004	0.0497	0.0131	2.7000e-004	0.0134		41.0106	41.0106	1.1600e-003		41.0395
Total	**0.0214**	**0.0163**	**0.1432**	**4.1000e-004**	**0.0494**	**3.0000e-004**	**0.0497**	**0.0131**	**2.7000e-004**	**0.0134**		**41.0106**	**41.0106**	**1.1600e-003**		**41.0395**

3.5 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.1708					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**18.3753**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0214	0.0163	0.1432	4.1000e-004	0.0494	3.0000e-004	0.0497	0.0131	2.7000e-004	0.0134		41.0106	41.0106	1.1600e-003		41.0395
Total	**0.0214**	**0.0163**	**0.1432**	**4.1000e-004**	**0.0494**	**3.0000e-004**	**0.0497**	**0.0131**	**2.7000e-004**	**0.0134**		**41.0106**	**41.0106**	**1.1600e-003**		**41.0395**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.575581	0.029595	0.198288	0.120539	0.026172	0.006482	0.012911	0.019591	0.002354	0.001214	0.005068	0.000784	0.001422

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.1390	1.0000e-005	9.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.9700e-003	1.9700e-003	1.0000e-005		2.1000e-003
Unmitigated	0.1390	1.0000e-005	9.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.9700e-003	1.9700e-003	1.0000e-005		2.1000e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1389					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.0000e-005	1.0000e-005	9.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.9700e-003	1.9700e-003	1.0000e-005		2.1000e-003
Total	**0.1390**	**1.0000e-005**	**9.2000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.9700e-003**	**1.9700e-003**	**1.0000e-005**		**2.1000e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1389					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.0000e-005	1.0000e-005	9.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.9700e-003	1.9700e-003	1.0000e-005		2.1000e-003
Total	**0.1390**	**1.0000e-005**	**9.2000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.9700e-003**	**1.9700e-003**	**1.0000e-005**		**2.1000e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach & Oceano Dunes SVRA PWP - Butterfly Grove Public Access

San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	0.45	1000sqft	0.67	450.00	0
Parking Lot	0.13	Acre	0.13	5,662.80	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	294	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Utility CO2 intensity factor based upon PG&E 2018 Corporate Responsibilty and Sustainability Report.

Land Use - Lot acreage of kiosk/concession area ("general office building") adjusted to account for total of 0.8-acre preojct site area.

Construction Phase - Total construction duration estimated to be 3 months. Building construction is for 450 sq ft kiosk/concession area - reduced total Building Construction phase duration to 40 days.

Trips and VMT - Increased vendor trips from 0 to 4 and from 1 to 6 to account for one to two round-trips per day for water trucks. Increased haul truck trips to assume hauling may occur over more than one day.

Demolition -

Vehicle Trips - No change in operational use and related vehicle trips.

Consumer Products -

Area Coating -

Landscape Equipment - No change in operational landscape / vegetation maintenance requirements.

Energy Use -

Land Use Change - Vegetation land use change based upon habitat mapping, but should note that existing deteriorating trees impacted by fungal disease will also be replaced.

Construction Off-road Equipment Mitigation - Assume mitigation of watering exposed areas at least twice daily (55% PM reduction).

Off-road Equipment - Added excavator for moving utilities to underground.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	100.00	40.00
tblLandUse	LotAcreage	0.01	0.67
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Grading
tblProjectCharacteristics	CO2IntensityFactor	641.35	294
tblTripsAndVMT	HaulingTripNumber	2.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	1.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	WD_TR	11.03	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.0265	0.1974	0.2217	3.9000e-004	3.6800e-003	9.1500e-003	0.0128	1.1400e-003	8.5100e-003	9.6400e-003	0.0000	34.5229	34.5229	8.8300e-003	0.0000	34.7436
Maximum	**0.0265**	**0.1974**	**0.2217**	**3.9000e-004**	**3.6800e-003**	**9.1500e-003**	**0.0128**	**1.1400e-003**	**8.5100e-003**	**9.6400e-003**	**0.0000**	**34.5229**	**34.5229**	**8.8300e-003**	**0.0000**	**34.7436**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.0265	0.1959	0.2217	3.9000e-004	2.9700e-003	9.1500e-003	0.0121	8.7000e-004	8.5100e-003	9.3800e-003	0.0000	34.5229	34.5229	8.8300e-003	0.0000	34.7435
Maximum	**0.0265**	**0.1959**	**0.2217**	**3.9000e-004**	**2.9700e-003**	**9.1500e-003**	**0.0121**	**8.7000e-004**	**8.5100e-003**	**9.3800e-003**	**0.0000**	**34.5229**	**34.5229**	**8.8300e-003**	**0.0000**	**34.7435**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.79**	**0.00**	**0.00**	**19.29**	**0.00**	**5.46**	**23.68**	**0.00**	**2.70**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2023**	**3-31-2023**	0.2230	0.2219
		Highest	0.2230	0.2219

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.7600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	4.0000e-005	3.6000e-004	3.0000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	1.7274	1.7274	1.4000e-004	3.0000e-005	1.7411
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0853	0.0000	0.0853	5.0400e-003	0.0000	0.2112
Water						0.0000	0.0000		0.0000	0.0000	0.0254	0.0806	0.1060	2.6100e-003	6.0000e-005	0.1902
Total	**2.8000e-003**	**3.6000e-004**	**3.0000e-004**	**0.0000**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.1106**	**1.8080**	**1.9186**	**7.7900e-003**	**9.0000e-005**	**2.1425**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.7600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	4.0000e-005	3.6000e-004	3.0000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	1.7274	1.7274	1.4000e-004	3.0000e-005	1.7411
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0853	0.0000	0.0853	5.0400e-003	0.0000	0.2112
Water						0.0000	0.0000		0.0000	0.0000	0.0254	0.0806	0.1060	2.6100e-003	6.0000e-005	0.1902
Total	**2.8000e-003**	**3.6000e-004**	**3.0000e-004**	**0.0000**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.1106**	**1.8080**	**1.9186**	**7.7900e-003**	**9.0000e-005**	**2.1425**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.3 Vegetation

Vegetation

	CO2e
Category	MT
Vegetation Land Change	-22.5400
Total	**-22.5400**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	1/13/2023	5	10	
2	Site Preparation	Site Preparation	1/14/2023	1/16/2023	5	1	
3	Grading	Grading	1/17/2023	1/18/2023	5	2	
4	Building Construction	Building Construction	1/19/2023	3/15/2023	5	40	
5	Paving	Paving	3/16/2023	3/22/2023	5	5	
6	Architectural Coating	Architectural Coating	3/22/2023	3/28/2023	5	5	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.13

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 675; Non-Residential Outdoor: 225; Striped Parking Area: 340 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48
Grading	Excavators	1	8.00	158	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	4.00	6.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	3.00	6.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2300e-003	0.0289	0.0370	6.0000e-005		1.4100e-003	1.4100e-003		1.3500e-003	1.3500e-003	0.0000	5.2091	5.2091	9.5000e-004	0.0000	5.2328
Total	**3.2300e-003**	**0.0289**	**0.0370**	**6.0000e-005**	**2.7000e-004**	**1.4100e-003**	**1.6800e-003**	**4.0000e-005**	**1.3500e-003**	**1.3900e-003**	**0.0000**	**5.2091**	**5.2091**	**9.5000e-004**	**0.0000**	**5.2328**

3.2 Demolition - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	5.8000e-004	1.7000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.2194	0.2194	1.0000e-005	0.0000	0.2197
Vendor	4.0000e-005	1.4900e-003	4.5000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	3.0000e-005	0.0000	3.0000e-005	0.0000	0.3736	0.3736	2.0000e-005	0.0000	0.3741
Worker	1.8000e-004	1.4000e-004	1.3000e-003	0.0000	4.8000e-004	0.0000	4.8000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.3610	0.3610	1.0000e-005	0.0000	0.3612
Total	**2.4000e-004**	**2.2100e-003**	**1.9200e-003**	**0.0000**	**6.2000e-004**	**0.0000**	**6.2000e-004**	**1.7000e-004**	**0.0000**	**1.8000e-004**	**0.0000**	**0.9540**	**0.9540**	**4.0000e-005**	**0.0000**	**0.9550**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2000e-004	0.0000	1.2000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2300e-003	0.0289	0.0370	6.0000e-005		1.4100e-003	1.4100e-003		1.3500e-003	1.3500e-003	0.0000	5.2091	5.2091	9.5000e-004	0.0000	5.2328
Total	**3.2300e-003**	**0.0289**	**0.0370**	**6.0000e-005**	**1.2000e-004**	**1.4100e-003**	**1.5300e-003**	**2.0000e-005**	**1.3500e-003**	**1.3700e-003**	**0.0000**	**5.2091**	**5.2091**	**9.5000e-004**	**0.0000**	**5.2328**

3.2 Demolition - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	5.8000e-004	1.7000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.2194	0.2194	1.0000e-005	0.0000	0.2197
Vendor	4.0000e-005	1.4900e-003	4.5000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	3.0000e-005	0.0000	3.0000e-005	0.0000	0.3736	0.3736	2.0000e-005	0.0000	0.3741
Worker	1.8000e-004	1.4000e-004	1.3000e-003	0.0000	4.8000e-004	0.0000	4.8000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.3610	0.3610	1.0000e-005	0.0000	0.3612
Total	**2.4000e-004**	**2.2100e-003**	**1.9200e-003**	**0.0000**	**6.2000e-004**	**0.0000**	**6.2000e-004**	**1.7000e-004**	**0.0000**	**1.8000e-004**	**0.0000**	**0.9540**	**0.9540**	**4.0000e-005**	**0.0000**	**0.9550**

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.7000e-004	3.0900e-003	1.9600e-003	0.0000		1.1000e-004	1.1000e-004		1.0000e-004	1.0000e-004	0.0000	0.4275	0.4275	1.4000e-004	0.0000	0.4309
Total	**2.7000e-004**	**3.0900e-003**	**1.9600e-003**	**0.0000**	**2.7000e-004**	**1.1000e-004**	**3.8000e-004**	**3.0000e-005**	**1.0000e-004**	**1.3000e-004**	**0.0000**	**0.4275**	**0.4275**	**1.4000e-004**	**0.0000**	**0.4309**

3.3 Site Preparation - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.5000e-004	5.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0374	0.0374	0.0000	0.0000	0.0374
Worker	1.0000e-005	1.0000e-005	7.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0181	0.0181	0.0000	0.0000	0.0181
Total	**1.0000e-005**	**1.6000e-004**	**1.2000e-004**	**0.0000**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0554**	**0.0554**	**0.0000**	**0.0000**	**0.0555**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2000e-004	0.0000	1.2000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.7000e-004	3.0900e-003	1.9600e-003	0.0000		1.1000e-004	1.1000e-004		1.0000e-004	1.0000e-004	0.0000	0.4275	0.4275	1.4000e-004	0.0000	0.4309
Total	**2.7000e-004**	**3.0900e-003**	**1.9600e-003**	**0.0000**	**1.2000e-004**	**1.1000e-004**	**2.3000e-004**	**1.0000e-005**	**1.0000e-004**	**1.1000e-004**	**0.0000**	**0.4275**	**0.4275**	**1.4000e-004**	**0.0000**	**0.4309**

3.3 Site Preparation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.5000e-004	5.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0374	0.0374	0.0000	0.0000	0.0374
Worker	1.0000e-005	1.0000e-005	7.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0181	0.0181	0.0000	0.0000	0.0181
Total	**1.0000e-005**	**1.6000e-004**	**1.2000e-004**	**0.0000**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0554**	**0.0554**	**0.0000**	**0.0000**	**0.0555**

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.5000e-004	0.0000	7.5000e-004	4.1000e-004	0.0000	4.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.4000e-004	7.3300e-003	0.0107	2.0000e-005		3.6000e-004	3.6000e-004		3.4000e-004	3.4000e-004	0.0000	1.4955	1.4955	3.4000e-004	0.0000	1.5039
Total	**8.4000e-004**	**7.3300e-003**	**0.0107**	**2.0000e-005**	**7.5000e-004**	**3.6000e-004**	**1.1100e-003**	**4.1000e-004**	**3.4000e-004**	**7.5000e-004**	**0.0000**	**1.4955**	**1.4955**	**3.4000e-004**	**0.0000**	**1.5039**

3.4 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	9.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0747	0.0747	0.0000	0.0000	0.0748
Worker	4.0000e-005	3.0000e-005	2.6000e-004	0.0000	1.0000e-004	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0722	0.0722	0.0000	0.0000	0.0723
Total	**5.0000e-005**	**3.3000e-004**	**3.5000e-004**	**0.0000**	**1.2000e-004**	**0.0000**	**1.2000e-004**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**0.0000**	**0.1469**	**0.1469**	**0.0000**	**0.0000**	**0.1471**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.4000e-004	0.0000	3.4000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.4000e-004	5.7800e-003	0.0107	2.0000e-005		3.6000e-004	3.6000e-004		3.4000e-004	3.4000e-004	0.0000	1.4955	1.4955	3.4000e-004	0.0000	1.5039
Total	**8.4000e-004**	**5.7800e-003**	**0.0107**	**2.0000e-005**	**3.4000e-004**	**3.6000e-004**	**7.0000e-004**	**1.9000e-004**	**3.4000e-004**	**5.3000e-004**	**0.0000**	**1.4955**	**1.4955**	**3.4000e-004**	**0.0000**	**1.5039**

3.4 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	9.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0747	0.0747	0.0000	0.0000	0.0748
Worker	4.0000e-005	3.0000e-005	2.6000e-004	0.0000	1.0000e-004	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0722	0.0722	0.0000	0.0000	0.0723
Total	**5.0000e-005**	**3.3000e-004**	**3.5000e-004**	**0.0000**	**1.2000e-004**	**0.0000**	**1.2000e-004**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**0.0000**	**0.1469**	**0.1469**	**0.0000**	**0.0000**	**0.1471**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0126	0.1284	0.1419	2.3000e-004		6.4000e-003	6.4000e-003		5.8900e-003	5.8900e-003	0.0000	20.0417	20.0417	6.4800e-003	0.0000	20.2037
Total	**0.0126**	**0.1284**	**0.1419**	**2.3000e-004**		**6.4000e-003**	**6.4000e-003**		**5.8900e-003**	**5.8900e-003**	**0.0000**	**20.0417**	**20.0417**	**6.4800e-003**	**0.0000**	**20.2037**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-004	8.9500e-003	2.7100e-003	2.0000e-005	5.5000e-004	1.0000e-005	5.6000e-004	1.6000e-004	1.0000e-005	1.7000e-004	0.0000	2.2417	2.2417	1.2000e-004	0.0000	2.2447
Worker	2.2000e-004	1.7000e-004	1.5600e-003	0.0000	5.8000e-004	0.0000	5.8000e-004	1.5000e-004	0.0000	1.6000e-004	0.0000	0.4332	0.4332	1.0000e-005	0.0000	0.4335
Total	**4.8000e-004**	**9.1200e-003**	**4.2700e-003**	**2.0000e-005**	**1.1300e-003**	**1.0000e-005**	**1.1400e-003**	**3.1000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**2.6749**	**2.6749**	**1.3000e-004**	**0.0000**	**2.6782**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0126	0.1284	0.1419	2.3000e-004		6.4000e-003	6.4000e-003		5.8900e-003	5.8900e-003	0.0000	20.0417	20.0417	6.4800e-003	0.0000	20.2037
Total	**0.0126**	**0.1284**	**0.1419**	**2.3000e-004**		**6.4000e-003**	**6.4000e-003**		**5.8900e-003**	**5.8900e-003**	**0.0000**	**20.0417**	**20.0417**	**6.4800e-003**	**0.0000**	**20.2037**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-004	8.9500e-003	2.7100e-003	2.0000e-005	5.5000e-004	1.0000e-005	5.6000e-004	1.6000e-004	1.0000e-005	1.7000e-004	0.0000	2.2417	2.2417	1.2000e-004	0.0000	2.2447
Worker	2.2000e-004	1.7000e-004	1.5600e-003	0.0000	5.8000e-004	0.0000	5.8000e-004	1.5000e-004	0.0000	1.6000e-004	0.0000	0.4332	0.4332	1.0000e-005	0.0000	0.4335
Total	**4.8000e-004**	**9.1200e-003**	**4.2700e-003**	**2.0000e-005**	**1.1300e-003**	**1.0000e-005**	**1.1400e-003**	**3.1000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**2.6749**	**2.6749**	**1.3000e-004**	**0.0000**	**2.6782**

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.5300e-003	0.0138	0.0176	3.0000e-005		6.6000e-004	6.6000e-004		6.2000e-004	6.2000e-004	0.0000	2.3498	2.3498	6.8000e-004	0.0000	2.3669
Paving	1.7000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.7000e-003**	**0.0138**	**0.0176**	**3.0000e-005**		**6.6000e-004**	**6.6000e-004**		**6.2000e-004**	**6.2000e-004**	**0.0000**	**2.3498**	**2.3498**	**6.8000e-004**	**0.0000**	**2.3669**

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	7.5000e-004	2.3000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1868	0.1868	1.0000e-005	0.0000	0.1871
Worker	1.6000e-004	1.3000e-004	1.1700e-003	0.0000	4.3000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.3249	0.3249	1.0000e-005	0.0000	0.3251
Total	**1.8000e-004**	**8.8000e-004**	**1.4000e-003**	**0.0000**	**4.8000e-004**	**0.0000**	**4.9000e-004**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**0.5117**	**0.5117**	**2.0000e-005**	**0.0000**	**0.5122**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.5300e-003	0.0138	0.0176	3.0000e-005		6.6000e-004	6.6000e-004		6.2000e-004	6.2000e-004	0.0000	2.3498	2.3498	6.8000e-004	0.0000	2.3669
Paving	1.7000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.7000e-003**	**0.0138**	**0.0176**	**3.0000e-005**		**6.6000e-004**	**6.6000e-004**		**6.2000e-004**	**6.2000e-004**	**0.0000**	**2.3498**	**2.3498**	**6.8000e-004**	**0.0000**	**2.3669**

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	7.5000e-004	2.3000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1868	0.1868	1.0000e-005	0.0000	0.1871
Worker	1.6000e-004	1.3000e-004	1.1700e-003	0.0000	4.3000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.3249	0.3249	1.0000e-005	0.0000	0.3251
Total	**1.8000e-004**	**8.8000e-004**	**1.4000e-003**	**0.0000**	**4.8000e-004**	**0.0000**	**4.9000e-004**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**0.5117**	**0.5117**	**2.0000e-005**	**0.0000**	**0.5122**

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	6.4000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.8000e-004	3.2600e-003	4.5300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393
Total	**6.8800e-003**	**3.2600e-003**	**4.5300e-003**	**1.0000e-005**		**1.8000e-004**	**1.8000e-004**		**1.8000e-004**	**1.8000e-004**	**0.0000**	**0.6383**	**0.6383**	**4.0000e-005**	**0.0000**	**0.6393**

3.7 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	7.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0181	0.0181	0.0000	0.0000	0.0181
Total	**1.0000e-005**	**1.0000e-005**	**7.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0181**	**0.0181**	**0.0000**	**0.0000**	**0.0181**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	6.4000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.8000e-004	3.2600e-003	4.5300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393
Total	**6.8800e-003**	**3.2600e-003**	**4.5300e-003**	**1.0000e-005**		**1.8000e-004**	**1.8000e-004**		**1.8000e-004**	**1.8000e-004**	**0.0000**	**0.6383**	**0.6383**	**4.0000e-005**	**0.0000**	**0.6393**

3.7 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	7.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0181	0.0181	0.0000	0.0000	0.0181
Total	**1.0000e-005**	**1.0000e-005**	**7.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0181**	**0.0181**	**0.0000**	**0.0000**	**0.0181**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	13.00	5.00	5.00	33.00	48.00	19.00	77	19	4
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.575581	0.029595	0.198288	0.120539	0.026172	0.006482	0.012911	0.019591	0.002354	0.001214	0.005068	0.000784	0.001422
Parking Lot	0.575581	0.029595	0.198288	0.120539	0.026172	0.006482	0.012911	0.019591	0.002354	0.001214	0.005068	0.000784	0.001422

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1.3343	1.3343	1.3000e-004	3.0000e-005	1.3457
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1.3343	1.3343	1.3000e-004	3.0000e-005	1.3457
NaturalGas Mitigated	4.0000e-005	3.6000e-004	3.0000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.3931	0.3931	1.0000e-005	1.0000e-005	0.3954
NaturalGas Unmitigated	4.0000e-005	3.6000e-004	3.0000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.3931	0.3931	1.0000e-005	1.0000e-005	0.3954

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	7366.5	4.0000e-005	3.6000e-004	3.0000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.3931	0.3931	1.0000e-005	1.0000e-005	0.3954
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**4.0000e-005**	**3.6000e-004**	**3.0000e-004**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.3931**	**0.3931**	**1.0000e-005**	**1.0000e-005**	**0.3954**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	7366.5	4.0000e-005	3.6000e-004	3.0000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.3931	0.3931	1.0000e-005	1.0000e-005	0.3954
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**4.0000e-005**	**3.6000e-004**	**3.0000e-004**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.3931**	**0.3931**	**1.0000e-005**	**1.0000e-005**	**0.3954**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	8023.5	1.0700	1.1000e-004	2.0000e-005	1.0791
Parking Lot	1981.98	0.2643	3.0000e-005	1.0000e-005	0.2666
Total		**1.3343**	**1.4000e-004**	**3.0000e-005**	**1.3457**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	8023.5	1.0700	1.1000e-004	2.0000e-005	1.0791
Parking Lot	1981.98	0.2643	3.0000e-005	1.0000e-005	0.2666
Total		**1.3343**	**1.4000e-004**	**3.0000e-005**	**1.3457**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.7600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	2.7600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	6.4000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.1200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.7600e-003**					**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	6.4000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.1200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.7600e-003**					**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.1060	2.6100e-003	6.0000e-005	0.1902
Unmitigated	0.1060	2.6100e-003	6.0000e-005	0.1902

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.0799802 / 0.0490201	0.1060	2.6100e-003	6.0000e-005	0.1902
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.1060**	**2.6100e-003**	**6.0000e-005**	**0.1902**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.0799802 / 0.0490201	0.1060	2.6100e-003	6.0000e-005	0.1902
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.1060**	**2.6100e-003**	**6.0000e-005**	**0.1902**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0853	5.0400e-003	0.0000	0.2112
Unmitigated	0.0853	5.0400e-003	0.0000	0.2112

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	0.42	0.0853	5.0400e-003	0.0000	0.2112
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0853**	**5.0400e-003**	**0.0000**	**0.2112**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	0.42	0.0853	5.0400e-003	0.0000	0.2112
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0853**	**5.0400e-003**	**0.0000**	**0.2112**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

	Total CO2	CH4	N2O	CO2e
Category	MT			
Unmitigated	-22.5400	0.0000	0.0000	-22.5400

11.1 Vegetation Land Change

Vegetation Type

	Initial/Final	Total CO2	CH4	N2O	CO2e
	Acres	MT			
Scrub	0.8 / 0	-11.4400	0.0000	0.0000	-11.4400
Trees	0.1 / 0	-11.1000	0.0000	0.0000	-11.1000
Total		**-22.5400**	**0.0000**	**0.0000**	**-22.5400**

Pismo State Beach & Oceano Dunes SVRA PWP - Butterfly Grove Public Access

San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	0.45	1000sqft	0.67	450.00	0
Parking Lot	0.13	Acre	0.13	5,662.80	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	294	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Utility CO2 intensity factor based upon PG&E 2018 Corporate Responsibilty and Sustainability Report.

Land Use - Lot acreage of kiosk/concession area ("general office building") adjusted to account for total of 0.8-acre preojct site area.

Construction Phase - Total construction duration estimated to be 3 months. Building construction is for 450 sq ft kiosk/concession area - reduced total Building Construction phase duration to 40 days.

Trips and VMT - Increased vendor trips from 0 to 4 and from 1 to 6 to account for one to two round-trips per day for water trucks. Increased haul truck trips to assume hauling may occur over more than one day.

Demolition -

Vehicle Trips - No change in operational use and related vehicle trips.

Consumer Products -

Area Coating -

Landscape Equipment - No change in operational landscape / vegetation maintenance requirements.

Energy Use -

Land Use Change - Vegetation land use change based upon habitat mapping, but should note that existing deteriorating trees impacted by fungal disease will also be replaced.

Construction Off-road Equipment Mitigation - Assume mitigation of watering exposed areas at least twice daily (55% PM reduction).

Off-road Equipment - Added excavator for moving utilities to underground.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	100.00	40.00
tblLandUse	LotAcreage	0.01	0.67
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Grading
tblProjectCharacteristics	CO2IntensityFactor	641.35	294
tblTripsAndVMT	HaulingTripNumber	2.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	1.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	WD_TR	11.03	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	3.5045	7.6500	11.0060	0.0188	0.8702	0.3589	1.2291	0.4454	0.3405	0.7858	0.0000	1,814.8160	1,814.8160	0.3771	0.0000	1,824.2428
Maximum	**3.5045**	**7.6500**	**11.0060**	**0.0188**	**0.8702**	**0.3589**	**1.2291**	**0.4454**	**0.3405**	**0.7858**	**0.0000**	**1,814.8160**	**1,814.8160**	**0.3771**	**0.0000**	**1,824.2428**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	3.5045	7.1535	11.0060	0.0188	0.4562	0.3589	0.8151	0.2178	0.3405	0.5583	0.0000	1,814.8160	1,814.8160	0.3771	0.0000	1,824.2428
Maximum	**3.5045**	**7.1535**	**11.0060**	**0.0188**	**0.4562**	**0.3589**	**0.8151**	**0.2178**	**0.3405**	**0.5583**	**0.0000**	**1,814.8160**	**1,814.8160**	**0.3771**	**0.0000**	**1,824.2428**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**6.49**	**0.00**	**0.00**	**47.58**	**0.00**	**33.68**	**51.10**	**0.00**	**28.96**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0152	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		1.3000e-004	1.3000e-004	0.0000		1.4000e-004
Energy	2.2000e-004	1.9800e-003	1.6600e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3744	2.3744	5.0000e-005	4.0000e-005	2.3885
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0154**	**1.9800e-003**	**1.7200e-003**	**1.0000e-005**	**0.0000**	**1.5000e-004**	**1.5000e-004**	**0.0000**	**1.5000e-004**	**1.5000e-004**		**2.3745**	**2.3745**	**5.0000e-005**	**4.0000e-005**	**2.3886**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0152	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		1.3000e-004	1.3000e-004	0.0000		1.4000e-004
Energy	2.2000e-004	1.9800e-003	1.6600e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3744	2.3744	5.0000e-005	4.0000e-005	2.3885
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0154**	**1.9800e-003**	**1.7200e-003**	**1.0000e-005**	**0.0000**	**1.5000e-004**	**1.5000e-004**	**0.0000**	**1.5000e-004**	**1.5000e-004**		**2.3745**	**2.3745**	**5.0000e-005**	**4.0000e-005**	**2.3886**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	1/13/2023	5	10	
2	Site Preparation	Site Preparation	1/14/2023	1/16/2023	5	1	
3	Grading	Grading	1/17/2023	1/18/2023	5	2	
4	Building Construction	Building Construction	1/19/2023	3/15/2023	5	40	
5	Paving	Paving	3/16/2023	3/22/2023	5	5	
6	Architectural Coating	Architectural Coating	3/22/2023	3/28/2023	5	5	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.13

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 675; Non-Residential Outdoor: 225; Striped Parking Area: 340 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48
Grading	Excavators	1	8.00	158	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	4.00	6.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	3.00	6.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0530	0.0000	0.0530	8.0300e-003	0.0000	8.0300e-003			0.0000			0.0000
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698		1,148.4055	1,148.4055	0.2089		1,153.6290
Total	**0.6463**	**5.7787**	**7.3926**	**0.0120**	**0.0530**	**0.2821**	**0.3351**	**8.0300e-003**	**0.2698**	**0.2778**		**1,148.4055**	**1,148.4055**	**0.2089**		**1,153.6290**

3.2 Demolition - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.1900e-003	0.1150	0.0338	4.5000e-004	0.0105	3.0000e-004	0.0108	2.8700e-003	2.9000e-004	3.1600e-003		48.6835	48.6835	2.7800e-003		48.7531
Vendor	8.3600e-003	0.2969	0.0849	7.8000e-004	0.0186	4.3000e-004	0.0190	5.3500e-003	4.1000e-004	5.7700e-003		83.4839	83.4839	4.2400e-003		83.5898
Worker	0.0351	0.0258	0.2707	8.3000e-004	0.0989	5.8000e-004	0.0994	0.0262	5.3000e-004	0.0268		82.8210	82.8210	2.1500e-003		82.8748
Total	**0.0466**	**0.4377**	**0.3894**	**2.0600e-003**	**0.1279**	**1.3100e-003**	**0.1292**	**0.0344**	**1.2300e-003**	**0.0357**		**214.9884**	**214.9884**	**9.1700e-003**		**215.2176**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0239	0.0000	0.0239	3.6100e-003	0.0000	3.6100e-003			0.0000			0.0000
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698	0.0000	1,148.4055	1,148.4055	0.2089		1,153.6290
Total	**0.6463**	**5.7787**	**7.3926**	**0.0120**	**0.0239**	**0.2821**	**0.3060**	**3.6100e-003**	**0.2698**	**0.2734**	**0.0000**	**1,148.4055**	**1,148.4055**	**0.2089**		**1,153.6290**

3.2 Demolition - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.1900e-003	0.1150	0.0338	4.5000e-004	0.0105	3.0000e-004	0.0108	2.8700e-003	2.9000e-004	3.1600e-003		48.6835	48.6835	2.7800e-003		48.7531
Vendor	8.3600e-003	0.2969	0.0849	7.8000e-004	0.0186	4.3000e-004	0.0190	5.3500e-003	4.1000e-004	5.7700e-003		83.4839	83.4839	4.2400e-003		83.5898
Worker	0.0351	0.0258	0.2707	8.3000e-004	0.0989	5.8000e-004	0.0994	0.0262	5.3000e-004	0.0268		82.8210	82.8210	2.1500e-003		82.8748
Total	**0.0466**	**0.4377**	**0.3894**	**2.0600e-003**	**0.1279**	**1.3100e-003**	**0.1292**	**0.0344**	**1.2300e-003**	**0.0357**		**214.9884**	**214.9884**	**9.1700e-003**		**215.2176**

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.5348	6.1887	3.9239	9.7300e-003		0.2266	0.2266		0.2084	0.2084		942.4317	942.4317	0.3048		950.0517
Total	**0.5348**	**6.1887**	**3.9239**	**9.7300e-003**	**0.5303**	**0.2266**	**0.7568**	**0.0573**	**0.2084**	**0.2657**		**942.4317**	**942.4317**	**0.3048**		**950.0517**

3.3 Site Preparation - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3600e-003	0.2969	0.0849	7.8000e-004	0.0186	4.3000e-004	0.0190	5.3500e-003	4.1000e-004	5.7700e-003		83.4839	83.4839	4.2400e-003		83.5898
Worker	0.0175	0.0129	0.1353	4.2000e-004	0.0494	2.9000e-004	0.0497	0.0131	2.7000e-004	0.0134		41.4105	41.4105	1.0700e-003		41.4374
Total	**0.0259**	**0.3098**	**0.2203**	**1.2000e-003**	**0.0680**	**7.2000e-004**	**0.0687**	**0.0185**	**6.8000e-004**	**0.0192**		**124.8944**	**124.8944**	**5.3100e-003**		**125.0272**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2386	0.0000	0.2386	0.0258	0.0000	0.0258			0.0000			0.0000
Off-Road	0.5348	6.1887	3.9239	9.7300e-003		0.2266	0.2266		0.2084	0.2084	0.0000	942.4317	942.4317	0.3048		950.0517
Total	**0.5348**	**6.1887**	**3.9239**	**9.7300e-003**	**0.2386**	**0.2266**	**0.4652**	**0.0258**	**0.2084**	**0.2342**	**0.0000**	**942.4317**	**942.4317**	**0.3048**		**950.0517**

3.3 Site Preparation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3600e-003	0.2969	0.0849	7.8000e-004	0.0186	4.3000e-004	0.0190	5.3500e-003	4.1000e-004	5.7700e-003		83.4839	83.4839	4.2400e-003		83.5898
Worker	0.0175	0.0129	0.1353	4.2000e-004	0.0494	2.9000e-004	0.0497	0.0131	2.7000e-004	0.0134		41.4105	41.4105	1.0700e-003		41.4374
Total	**0.0259**	**0.3098**	**0.2203**	**1.2000e-003**	**0.0680**	**7.2000e-004**	**0.0687**	**0.0185**	**6.8000e-004**	**0.0192**		**124.8944**	**124.8944**	**5.3100e-003**		**125.0272**

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.8350	7.3273	10.6504	0.0172		0.3579	0.3579		0.3395	0.3395		1,648.5112	1,648.5112	0.3707		1,657.7782
Total	**0.8350**	**7.3273**	**10.6504**	**0.0172**	**0.7528**	**0.3579**	**1.1107**	**0.4138**	**0.3395**	**0.7533**		**1,648.5112**	**1,648.5112**	**0.3707**		**1,657.7782**

3.4 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3600e-003	0.2969	0.0849	7.8000e-004	0.0186	4.3000e-004	0.0190	5.3500e-003	4.1000e-004	5.7700e-003		83.4839	83.4839	4.2400e-003		83.5898
Worker	0.0351	0.0258	0.2707	8.3000e-004	0.0989	5.8000e-004	0.0994	0.0262	5.3000e-004	0.0268		82.8210	82.8210	2.1500e-003		82.8748
Total	**0.0434**	**0.3227**	**0.3556**	**1.6100e-003**	**0.1174**	**1.0100e-003**	**0.1185**	**0.0316**	**9.4000e-004**	**0.0325**		**166.3049**	**166.3049**	**6.3900e-003**		**166.4646**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3387	0.0000	0.3387	0.1862	0.0000	0.1862			0.0000			0.0000
Off-Road	0.8350	5.7787	10.6504	0.0172		0.3579	0.3579		0.3395	0.3395	0.0000	1,648.5112	1,648.5112	0.3707		1,657.7782
Total	**0.8350**	**5.7787**	**10.6504**	**0.0172**	**0.3387**	**0.3579**	**0.6967**	**0.1862**	**0.3395**	**0.5257**	**0.0000**	**1,648.5112**	**1,648.5112**	**0.3707**		**1,657.7782**

3.4 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3600e-003	0.2969	0.0849	7.8000e-004	0.0186	4.3000e-004	0.0190	5.3500e-003	4.1000e-004	5.7700e-003		83.4839	83.4839	4.2400e-003		83.5898
Worker	0.0351	0.0258	0.2707	8.3000e-004	0.0989	5.8000e-004	0.0994	0.0262	5.3000e-004	0.0268		82.8210	82.8210	2.1500e-003		82.8748
Total	**0.0434**	**0.3227**	**0.3556**	**1.6100e-003**	**0.1174**	**1.0100e-003**	**0.1185**	**0.0316**	**9.4000e-004**	**0.0325**		**166.3049**	**166.3049**	**6.3900e-003**		**166.4646**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6322	6.4186	7.0970	0.0114		0.3203	0.3203		0.2946	0.2946		1,104.6089	1,104.6089	0.3573		1,113.5402
Total	**0.6322**	**6.4186**	**7.0970**	**0.0114**		**0.3203**	**0.3203**		**0.2946**	**0.2946**		**1,104.6089**	**1,104.6089**	**0.3573**		**1,113.5402**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0125	0.4454	0.1274	1.1700e-003	0.0279	6.5000e-004	0.0285	8.0300e-003	6.2000e-004	8.6500e-003		125.2258	125.2258	6.3600e-003		125.3847
Worker	0.0105	7.7400e-003	0.0812	2.5000e-004	0.0297	1.7000e-004	0.0298	7.8700e-003	1.6000e-004	8.0300e-003		24.8463	24.8463	6.4000e-004		24.8624
Total	**0.0231**	**0.4531**	**0.2086**	**1.4200e-003**	**0.0575**	**8.2000e-004**	**0.0584**	**0.0159**	**7.8000e-004**	**0.0167**		**150.0721**	**150.0721**	**7.0000e-003**		**150.2471**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6322	6.4186	7.0970	0.0114		0.3203	0.3203		0.2946	0.2946	0.0000	1,104.6089	1,104.6089	0.3573		1,113.5402
Total	**0.6322**	**6.4186**	**7.0970**	**0.0114**		**0.3203**	**0.3203**		**0.2946**	**0.2946**	**0.0000**	**1,104.6089**	**1,104.6089**	**0.3573**		**1,113.5402**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0125	0.4454	0.1274	1.1700e-003	0.0279	6.5000e-004	0.0285	8.0300e-003	6.2000e-004	8.6500e-003		125.2258	125.2258	6.3600e-003		125.3847
Worker	0.0105	7.7400e-003	0.0812	2.5000e-004	0.0297	1.7000e-004	0.0298	7.8700e-003	1.6000e-004	8.0300e-003		24.8463	24.8463	6.4000e-004		24.8624
Total	**0.0231**	**0.4531**	**0.2086**	**1.4200e-003**	**0.0575**	**8.2000e-004**	**0.0584**	**0.0159**	**7.8000e-004**	**0.0167**		**150.0721**	**150.0721**	**7.0000e-003**		**150.2471**

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6112	5.5046	7.0209	0.0113		0.2643	0.2643		0.2466	0.2466		1,036.0878	1,036.0878	0.3018		1,043.6331
Paving	0.0681					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6793**	**5.5046**	**7.0209**	**0.0113**		**0.2643**	**0.2643**		**0.2466**	**0.2466**		**1,036.0878**	**1,036.0878**	**0.3018**		**1,043.6331**

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3600e-003	0.2969	0.0849	7.8000e-004	0.0186	4.3000e-004	0.0190	5.3500e-003	4.1000e-004	5.7700e-003		83.4839	83.4839	4.2400e-003		83.5898
Worker	0.0631	0.0464	0.4872	1.5000e-003	0.1780	1.0400e-003	0.1790	0.0472	9.6000e-004	0.0482		149.0779	149.0779	3.8700e-003		149.1746
Total	**0.0715**	**0.3434**	**0.5721**	**2.2800e-003**	**0.1965**	**1.4700e-003**	**0.1980**	**0.0526**	**1.3700e-003**	**0.0539**		**232.5617**	**232.5617**	**8.1100e-003**		**232.7644**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6112	5.5046	7.0209	0.0113		0.2643	0.2643		0.2466	0.2466	0.0000	1,036.0878	1,036.0878	0.3018		1,043.6331
Paving	0.0681					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6793**	**5.5046**	**7.0209**	**0.0113**		**0.2643**	**0.2643**		**0.2466**	**0.2466**	**0.0000**	**1,036.0878**	**1,036.0878**	**0.3018**		**1,043.6331**

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3600e-003	0.2969	0.0849	7.8000e-004	0.0186	4.3000e-004	0.0190	5.3500e-003	4.1000e-004	5.7700e-003		83.4839	83.4839	4.2400e-003		83.5898
Worker	0.0631	0.0464	0.4872	1.5000e-003	0.1780	1.0400e-003	0.1790	0.0472	9.6000e-004	0.0482		149.0779	149.0779	3.8700e-003		149.1746
Total	**0.0715**	**0.3434**	**0.5721**	**2.2800e-003**	**0.1965**	**1.4700e-003**	**0.1980**	**0.0526**	**1.3700e-003**	**0.0539**		**232.5617**	**232.5617**	**8.1100e-003**		**232.7644**

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.5585					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	**2.7502**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8690**

3.7 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.5100e-003	2.5800e-003	0.0271	8.0000e-005	9.8900e-003	6.0000e-005	9.9400e-003	2.6200e-003	5.0000e-005	2.6800e-003		8.2821	8.2821	2.1000e-004		8.2875
Total	**3.5100e-003**	**2.5800e-003**	**0.0271**	**8.0000e-005**	**9.8900e-003**	**6.0000e-005**	**9.9400e-003**	**2.6200e-003**	**5.0000e-005**	**2.6800e-003**		**8.2821**	**8.2821**	**2.1000e-004**		**8.2875**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.5585					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	**2.7502**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**	**0.0000**	**281.4481**	**281.4481**	**0.0168**		**281.8690**

3.7 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.5100e-003	2.5800e-003	0.0271	8.0000e-005	9.8900e-003	6.0000e-005	9.9400e-003	2.6200e-003	5.0000e-005	2.6800e-003		8.2821	8.2821	2.1000e-004		8.2875
Total	**3.5100e-003**	**2.5800e-003**	**0.0271**	**8.0000e-005**	**9.8900e-003**	**6.0000e-005**	**9.9400e-003**	**2.6200e-003**	**5.0000e-005**	**2.6800e-003**		**8.2821**	**8.2821**	**2.1000e-004**		**8.2875**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	13.00	5.00	5.00	33.00	48.00	19.00	77	19	4
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.575581	0.029595	0.198288	0.120539	0.026172	0.006482	0.012911	0.019591	0.002354	0.001214	0.005068	0.000784	0.001422
Parking Lot	0.575581	0.029595	0.198288	0.120539	0.026172	0.006482	0.012911	0.019591	0.002354	0.001214	0.005068	0.000784	0.001422

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	2.2000e-004	1.9800e-003	1.6600e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3744	2.3744	5.0000e-005	4.0000e-005	2.3885
NaturalGas Unmitigated	2.2000e-004	1.9800e-003	1.6600e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3744	2.3744	5.0000e-005	4.0000e-005	2.3885

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	20.1822	2.2000e-004	1.9800e-003	1.6600e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3744	2.3744	5.0000e-005	4.0000e-005	2.3885
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**2.2000e-004**	**1.9800e-003**	**1.6600e-003**	**1.0000e-005**		**1.5000e-004**	**1.5000e-004**		**1.5000e-004**	**1.5000e-004**		**2.3744**	**2.3744**	**5.0000e-005**	**4.0000e-005**	**2.3885**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.0201822	2.2000e-004	1.9800e-003	1.6600e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3744	2.3744	5.0000e-005	4.0000e-005	2.3885
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**2.2000e-004**	**1.9800e-003**	**1.6600e-003**	**1.0000e-005**		**1.5000e-004**	**1.5000e-004**		**1.5000e-004**	**1.5000e-004**		**2.3744**	**2.3744**	**5.0000e-005**	**4.0000e-005**	**2.3885**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0152	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		1.3000e-004	1.3000e-004	0.0000		1.4000e-004
Unmitigated	0.0152	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		1.3000e-004	1.3000e-004	0.0000		1.4000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.5000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0116					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		1.3000e-004	1.3000e-004	0.0000		1.4000e-004
Total	**0.0152**	**0.0000**	**6.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.3000e-004**	**1.3000e-004**	**0.0000**		**1.4000e-004**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.5000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0116					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		1.3000e-004	1.3000e-004	0.0000		1.4000e-004
Total	**0.0152**	**0.0000**	**6.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.3000e-004**	**1.3000e-004**	**0.0000**		**1.4000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach & Oceano Dunes SVRA PWP - Butterfly Grove Public Access

San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	0.45	1000sqft	0.67	450.00	0
Parking Lot	0.13	Acre	0.13	5,662.80	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	294	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Utility CO2 intensity factor based upon PG&E 2018 Corporate Responsibilty and Sustainability Report.

Land Use - Lot acreage of kiosk/concession area ("general office building") adjusted to account for total of 0.8-acre preojct site area.

Construction Phase - Total construction duration estimated to be 3 months. Building construction is for 450 sq ft kiosk/concession area - reduced total Building Construction phase duration to 40 days.

Trips and VMT - Increased vendor trips from 0 to 4 and from 1 to 6 to account for one to two round-trips per day for water trucks. Increased haul truck trips to assume hauling may occur over more than one day.

Demolition -

Vehicle Trips - No change in operational use and related vehicle trips.

Consumer Products -

Area Coating -

Landscape Equipment - No change in operational landscape / vegetation maintenance requirements.

Energy Use -

Land Use Change - Vegetation land use change based upon habitat mapping, but should note that existing deteriorating trees impacted by fungal disease will also be replaced.

Construction Off-road Equipment Mitigation - Assume mitigation of watering exposed areas at least twice daily (55% PM reduction).

Off-road Equipment - Added excavator for moving utilities to underground.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	100.00	40.00
tblLandUse	LotAcreage	0.01	0.67
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Grading
tblProjectCharacteristics	CO2IntensityFactor	641.35	294
tblTripsAndVMT	HaulingTripNumber	2.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	1.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	WD_TR	11.03	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	3.5149	7.6512	11.0069	0.0187	0.8702	0.3590	1.2291	0.4454	0.3405	0.7859	0.0000	1,808.2898	1,808.2898	0.3773	0.0000	1,817.7214
Maximum	**3.5149**	**7.6512**	**11.0069**	**0.0187**	**0.8702**	**0.3590**	**1.2291**	**0.4454**	**0.3405**	**0.7859**	**0.0000**	**1,808.2898**	**1,808.2898**	**0.3773**	**0.0000**	**1,817.7214**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	3.5149	7.1578	11.0069	0.0187	0.4562	0.3590	0.8151	0.2178	0.3405	0.5583	0.0000	1,808.2898	1,808.2898	0.3773	0.0000	1,817.7214
Maximum	**3.5149**	**7.1578**	**11.0069**	**0.0187**	**0.4562**	**0.3590**	**0.8151**	**0.2178**	**0.3405**	**0.5583**	**0.0000**	**1,808.2898**	**1,808.2898**	**0.3773**	**0.0000**	**1,817.7214**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**6.45**	**0.00**	**0.00**	**47.58**	**0.00**	**33.68**	**51.10**	**0.00**	**28.96**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0152	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		1.3000e-004	1.3000e-004	0.0000		1.4000e-004
Energy	2.2000e-004	1.9800e-003	1.6600e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3744	2.3744	5.0000e-005	4.0000e-005	2.3885
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0154**	**1.9800e-003**	**1.7200e-003**	**1.0000e-005**	**0.0000**	**1.5000e-004**	**1.5000e-004**	**0.0000**	**1.5000e-004**	**1.5000e-004**		**2.3745**	**2.3745**	**5.0000e-005**	**4.0000e-005**	**2.3886**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0152	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		1.3000e-004	1.3000e-004	0.0000		1.4000e-004
Energy	2.2000e-004	1.9800e-003	1.6600e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3744	2.3744	5.0000e-005	4.0000e-005	2.3885
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0154**	**1.9800e-003**	**1.7200e-003**	**1.0000e-005**	**0.0000**	**1.5000e-004**	**1.5000e-004**	**0.0000**	**1.5000e-004**	**1.5000e-004**		**2.3745**	**2.3745**	**5.0000e-005**	**4.0000e-005**	**2.3886**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	1/13/2023	5	10	
2	Site Preparation	Site Preparation	1/14/2023	1/16/2023	5	1	
3	Grading	Grading	1/17/2023	1/18/2023	5	2	
4	Building Construction	Building Construction	1/19/2023	3/15/2023	5	40	
5	Paving	Paving	3/16/2023	3/22/2023	5	5	
6	Architectural Coating	Architectural Coating	3/22/2023	3/28/2023	5	5	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.13

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 675; Non-Residential Outdoor: 225; Striped Parking Area: 340 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48
Grading	Excavators	1	8.00	158	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	4.00	6.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	3.00	6.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0530	0.0000	0.0530	8.0300e-003	0.0000	8.0300e-003			0.0000			0.0000
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698		1,148.4055	1,148.4055	0.2089		1,153.6290
Total	**0.6463**	**5.7787**	**7.3926**	**0.0120**	**0.0530**	**0.2821**	**0.3351**	**8.0300e-003**	**0.2698**	**0.2778**		**1,148.4055**	**1,148.4055**	**0.2089**		**1,153.6290**

3.2 Demolition - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.2700e-003	0.1153	0.0355	4.4000e-004	0.0105	3.1000e-004	0.0108	2.8700e-003	2.9000e-004	3.1700e-003		47.9150	47.9150	2.8600e-003		47.9865
Vendor	8.9200e-003	0.2947	0.0953	7.6000e-004	0.0186	4.6000e-004	0.0190	5.3500e-003	4.4000e-004	5.7900e-003		80.8336	80.8336	4.5200e-003		80.9465
Worker	0.0403	0.0293	0.2612	7.9000e-004	0.0989	5.8000e-004	0.0994	0.0262	5.3000e-004	0.0268		78.9451	78.9451	2.0600e-003		78.9968
Total	**0.0525**	**0.4392**	**0.3920**	**1.9900e-003**	**0.1279**	**1.3500e-003**	**0.1293**	**0.0344**	**1.2600e-003**	**0.0357**		**207.6937**	**207.6937**	**9.4400e-003**		**207.9297**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0239	0.0000	0.0239	3.6100e-003	0.0000	3.6100e-003			0.0000			0.0000
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698	0.0000	1,148.4055	1,148.4055	0.2089		1,153.6290
Total	**0.6463**	**5.7787**	**7.3926**	**0.0120**	**0.0239**	**0.2821**	**0.3060**	**3.6100e-003**	**0.2698**	**0.2734**	**0.0000**	**1,148.4055**	**1,148.4055**	**0.2089**		**1,153.6290**

3.2 Demolition - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.2700e-003	0.1153	0.0355	4.4000e-004	0.0105	3.1000e-004	0.0108	2.8700e-003	2.9000e-004	3.1700e-003		47.9150	47.9150	2.8600e-003		47.9865
Vendor	8.9200e-003	0.2947	0.0953	7.6000e-004	0.0186	4.6000e-004	0.0190	5.3500e-003	4.4000e-004	5.7900e-003		80.8336	80.8336	4.5200e-003		80.9465
Worker	0.0403	0.0293	0.2612	7.9000e-004	0.0989	5.8000e-004	0.0994	0.0262	5.3000e-004	0.0268		78.9451	78.9451	2.0600e-003		78.9968
Total	**0.0525**	**0.4392**	**0.3920**	**1.9900e-003**	**0.1279**	**1.3500e-003**	**0.1293**	**0.0344**	**1.2600e-003**	**0.0357**		**207.6937**	**207.6937**	**9.4400e-003**		**207.9297**

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.5348	6.1887	3.9239	9.7300e-003		0.2266	0.2266		0.2084	0.2084		942.4317	942.4317	0.3048		950.0517
Total	**0.5348**	**6.1887**	**3.9239**	**9.7300e-003**	**0.5303**	**0.2266**	**0.7568**	**0.0573**	**0.2084**	**0.2657**		**942.4317**	**942.4317**	**0.3048**		**950.0517**

3.3 Site Preparation - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.9200e-003	0.2947	0.0953	7.6000e-004	0.0186	4.6000e-004	0.0190	5.3500e-003	4.4000e-004	5.7900e-003		80.8336	80.8336	4.5200e-003		80.9465
Worker	0.0201	0.0146	0.1306	4.0000e-004	0.0494	2.9000e-004	0.0497	0.0131	2.7000e-004	0.0134		39.4726	39.4726	1.0300e-003		39.4984
Total	**0.0291**	**0.3093**	**0.2259**	**1.1600e-003**	**0.0680**	**7.5000e-004**	**0.0688**	**0.0185**	**7.1000e-004**	**0.0192**		**120.3061**	**120.3061**	**5.5500e-003**		**120.4448**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2386	0.0000	0.2386	0.0258	0.0000	0.0258			0.0000			0.0000
Off-Road	0.5348	6.1887	3.9239	9.7300e-003		0.2266	0.2266		0.2084	0.2084	0.0000	942.4317	942.4317	0.3048		950.0517
Total	**0.5348**	**6.1887**	**3.9239**	**9.7300e-003**	**0.2386**	**0.2266**	**0.4652**	**0.0258**	**0.2084**	**0.2342**	**0.0000**	**942.4317**	**942.4317**	**0.3048**		**950.0517**

3.3 Site Preparation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.9200e-003	0.2947	0.0953	7.6000e-004	0.0186	4.6000e-004	0.0190	5.3500e-003	4.4000e-004	5.7900e-003		80.8336	80.8336	4.5200e-003		80.9465
Worker	0.0201	0.0146	0.1306	4.0000e-004	0.0494	2.9000e-004	0.0497	0.0131	2.7000e-004	0.0134		39.4726	39.4726	1.0300e-003		39.4984
Total	**0.0291**	**0.3093**	**0.2259**	**1.1600e-003**	**0.0680**	**7.5000e-004**	**0.0688**	**0.0185**	**7.1000e-004**	**0.0192**		**120.3061**	**120.3061**	**5.5500e-003**		**120.4448**

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.8350	7.3273	10.6504	0.0172		0.3579	0.3579		0.3395	0.3395		1,648.5112	1,648.5112	0.3707		1,657.7782
Total	**0.8350**	**7.3273**	**10.6504**	**0.0172**	**0.7528**	**0.3579**	**1.1107**	**0.4138**	**0.3395**	**0.7533**		**1,648.5112**	**1,648.5112**	**0.3707**		**1,657.7782**

3.4 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.9200e-003	0.2947	0.0953	7.6000e-004	0.0186	4.6000e-004	0.0190	5.3500e-003	4.4000e-004	5.7900e-003		80.8336	80.8336	4.5200e-003		80.9465
Worker	0.0403	0.0293	0.2612	7.9000e-004	0.0989	5.8000e-004	0.0994	0.0262	5.3000e-004	0.0268		78.9451	78.9451	2.0600e-003		78.9968
Total	**0.0492**	**0.3239**	**0.3565**	**1.5500e-003**	**0.1174**	**1.0400e-003**	**0.1185**	**0.0316**	**9.7000e-004**	**0.0325**		**159.7787**	**159.7787**	**6.5800e-003**		**159.9432**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3387	0.0000	0.3387	0.1862	0.0000	0.1862			0.0000			0.0000
Off-Road	0.8350	5.7787	10.6504	0.0172		0.3579	0.3579		0.3395	0.3395	0.0000	1,648.5112	1,648.5112	0.3707		1,657.7782
Total	**0.8350**	**5.7787**	**10.6504**	**0.0172**	**0.3387**	**0.3579**	**0.6967**	**0.1862**	**0.3395**	**0.5257**	**0.0000**	**1,648.5112**	**1,648.5112**	**0.3707**		**1,657.7782**

3.4 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.9200e-003	0.2947	0.0953	7.6000e-004	0.0186	4.6000e-004	0.0190	5.3500e-003	4.4000e-004	5.7900e-003		80.8336	80.8336	4.5200e-003		80.9465
Worker	0.0403	0.0293	0.2612	7.9000e-004	0.0989	5.8000e-004	0.0994	0.0262	5.3000e-004	0.0268		78.9451	78.9451	2.0600e-003		78.9968
Total	**0.0492**	**0.3239**	**0.3565**	**1.5500e-003**	**0.1174**	**1.0400e-003**	**0.1185**	**0.0316**	**9.7000e-004**	**0.0325**		**159.7787**	**159.7787**	**6.5800e-003**		**159.9432**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6322	6.4186	7.0970	0.0114		0.3203	0.3203		0.2946	0.2946		1,104.6089	1,104.6089	0.3573		1,113.5402
Total	**0.6322**	**6.4186**	**7.0970**	**0.0114**		**0.3203**	**0.3203**		**0.2946**	**0.2946**		**1,104.6089**	**1,104.6089**	**0.3573**		**1,113.5402**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0134	0.4420	0.1429	1.1400e-003	0.0279	6.8000e-004	0.0286	8.0300e-003	6.5000e-004	8.6800e-003		121.2503	121.2503	6.7700e-003		121.4197
Worker	0.0121	8.7800e-003	0.0784	2.4000e-004	0.0297	1.7000e-004	0.0298	7.8700e-003	1.6000e-004	8.0300e-003		23.6835	23.6835	6.2000e-004		23.6990
Total	**0.0255**	**0.4508**	**0.2213**	**1.3800e-003**	**0.0575**	**8.5000e-004**	**0.0584**	**0.0159**	**8.1000e-004**	**0.0167**		**144.9339**	**144.9339**	**7.3900e-003**		**145.1187**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6322	6.4186	7.0970	0.0114		0.3203	0.3203		0.2946	0.2946	0.0000	1,104.6089	1,104.6089	0.3573		1,113.5402
Total	**0.6322**	**6.4186**	**7.0970**	**0.0114**		**0.3203**	**0.3203**		**0.2946**	**0.2946**	**0.0000**	**1,104.6089**	**1,104.6089**	**0.3573**		**1,113.5402**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0134	0.4420	0.1429	1.1400e-003	0.0279	6.8000e-004	0.0286	8.0300e-003	6.5000e-004	8.6800e-003		121.2503	121.2503	6.7700e-003		121.4197
Worker	0.0121	8.7800e-003	0.0784	2.4000e-004	0.0297	1.7000e-004	0.0298	7.8700e-003	1.6000e-004	8.0300e-003		23.6835	23.6835	6.2000e-004		23.6990
Total	**0.0255**	**0.4508**	**0.2213**	**1.3800e-003**	**0.0575**	**8.5000e-004**	**0.0584**	**0.0159**	**8.1000e-004**	**0.0167**		**144.9339**	**144.9339**	**7.3900e-003**		**145.1187**

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6112	5.5046	7.0209	0.0113		0.2643	0.2643		0.2466	0.2466		1,036.0878	1,036.0878	0.3018		1,043.6331
Paving	0.0681					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6793**	**5.5046**	**7.0209**	**0.0113**		**0.2643**	**0.2643**		**0.2466**	**0.2466**		**1,036.0878**	**1,036.0878**	**0.3018**		**1,043.6331**

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.9200e-003	0.2947	0.0953	7.6000e-004	0.0186	4.6000e-004	0.0190	5.3500e-003	4.4000e-004	5.7900e-003		80.8336	80.8336	4.5200e-003		80.9465
Worker	0.0725	0.0527	0.4702	1.4300e-003	0.1780	1.0400e-003	0.1790	0.0472	9.6000e-004	0.0482		142.1013	142.1013	3.7200e-003		142.1942
Total	**0.0814**	**0.3473**	**0.5655**	**2.1900e-003**	**0.1965**	**1.5000e-003**	**0.1980**	**0.0526**	**1.4000e-003**	**0.0540**		**222.9348**	**222.9348**	**8.2400e-003**		**223.1406**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6112	5.5046	7.0209	0.0113		0.2643	0.2643		0.2466	0.2466	0.0000	1,036.0878	1,036.0878	0.3018		1,043.6331
Paving	0.0681					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6793**	**5.5046**	**7.0209**	**0.0113**		**0.2643**	**0.2643**		**0.2466**	**0.2466**	**0.0000**	**1,036.0878**	**1,036.0878**	**0.3018**		**1,043.6331**

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.9200e-003	0.2947	0.0953	7.6000e-004	0.0186	4.6000e-004	0.0190	5.3500e-003	4.4000e-004	5.7900e-003		80.8336	80.8336	4.5200e-003		80.9465
Worker	0.0725	0.0527	0.4702	1.4300e-003	0.1780	1.0400e-003	0.1790	0.0472	9.6000e-004	0.0482		142.1013	142.1013	3.7200e-003		142.1942
Total	**0.0814**	**0.3473**	**0.5655**	**2.1900e-003**	**0.1965**	**1.5000e-003**	**0.1980**	**0.0526**	**1.4000e-003**	**0.0540**		**222.9348**	**222.9348**	**8.2400e-003**		**223.1406**

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.5585					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	**2.7502**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8690**

3.7 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	4.0300e-003	2.9300e-003	0.0261	8.0000e-005	9.8900e-003	6.0000e-005	9.9400e-003	2.6200e-003	5.0000e-005	2.6800e-003		7.8945	7.8945	2.1000e-004		7.8997
Total	**4.0300e-003**	**2.9300e-003**	**0.0261**	**8.0000e-005**	**9.8900e-003**	**6.0000e-005**	**9.9400e-003**	**2.6200e-003**	**5.0000e-005**	**2.6800e-003**		**7.8945**	**7.8945**	**2.1000e-004**		**7.8997**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.5585					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	**2.7502**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**	**0.0000**	**281.4481**	**281.4481**	**0.0168**		**281.8690**

3.7 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	4.0300e-003	2.9300e-003	0.0261	8.0000e-005	9.8900e-003	6.0000e-005	9.9400e-003	2.6200e-003	5.0000e-005	2.6800e-003		7.8945	7.8945	2.1000e-004		7.8997
Total	**4.0300e-003**	**2.9300e-003**	**0.0261**	**8.0000e-005**	**9.8900e-003**	**6.0000e-005**	**9.9400e-003**	**2.6200e-003**	**5.0000e-005**	**2.6800e-003**		**7.8945**	**7.8945**	**2.1000e-004**		**7.8997**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	13.00	5.00	5.00	33.00	48.00	19.00	77	19	4
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.575581	0.029595	0.198288	0.120539	0.026172	0.006482	0.012911	0.019591	0.002354	0.001214	0.005068	0.000784	0.001422
Parking Lot	0.575581	0.029595	0.198288	0.120539	0.026172	0.006482	0.012911	0.019591	0.002354	0.001214	0.005068	0.000784	0.001422

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	2.2000e-004	1.9800e-003	1.6600e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3744	2.3744	5.0000e-005	4.0000e-005	2.3885
NaturalGas Unmitigated	2.2000e-004	1.9800e-003	1.6600e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3744	2.3744	5.0000e-005	4.0000e-005	2.3885

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	20.1822	2.2000e-004	1.9800e-003	1.6600e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3744	2.3744	5.0000e-005	4.0000e-005	2.3885
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**2.2000e-004**	**1.9800e-003**	**1.6600e-003**	**1.0000e-005**		**1.5000e-004**	**1.5000e-004**		**1.5000e-004**	**1.5000e-004**		**2.3744**	**2.3744**	**5.0000e-005**	**4.0000e-005**	**2.3885**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.0201822	2.2000e-004	1.9800e-003	1.6600e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3744	2.3744	5.0000e-005	4.0000e-005	2.3885
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**2.2000e-004**	**1.9800e-003**	**1.6600e-003**	**1.0000e-005**		**1.5000e-004**	**1.5000e-004**		**1.5000e-004**	**1.5000e-004**		**2.3744**	**2.3744**	**5.0000e-005**	**4.0000e-005**	**2.3885**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0152	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		1.3000e-004	1.3000e-004	0.0000		1.4000e-004
Unmitigated	0.0152	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		1.3000e-004	1.3000e-004	0.0000		1.4000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.5000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0116					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		1.3000e-004	1.3000e-004	0.0000		1.4000e-004
Total	**0.0152**	**0.0000**	**6.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.3000e-004**	**1.3000e-004**	**0.0000**		**1.4000e-004**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.5000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0116					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		1.3000e-004	1.3000e-004	0.0000		1.4000e-004
Total	**0.0152**	**0.0000**	**6.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.3000e-004**	**1.3000e-004**	**0.0000**		**1.4000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Oceano Campground

San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1.95	Acre	1.95	84,942.00	0
Other Non-Asphalt Surfaces	1.45	Acre	1.45	63,162.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only project.

Land Use -

Construction Phase - No physical buildings being constructed, so removed this phase and proportionally increased other phases to account for 9-month construction duration.

Trips and VMT - Adjusted vendor and haul truck trips mannually to account for water trucks and some material deliveries during site prep and grading.

Demolition -

Grading -

Energy Use -

Land Use Change - Per project description, construction will be limited to developed footprint and not encroach upon riparian or existing native plant garden.

Construction Off-road Equipment Mitigation - Mitigation with watering exposed area 2 times daily.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	57.00
tblConstructionPhase	NumDays	5.00	14.00
tblConstructionPhase	NumDays	8.00	23.00
tblConstructionPhase	NumDays	18.00	51.00
tblConstructionPhase	NumDays	18.00	51.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.1681	1.2521	1.2619	2.4600e-003	0.2196	0.0561	0.2757	0.1128	0.0521	0.1649	0.0000	215.7743	215.7743	0.0585	0.0000	217.2363
Maximum	**0.1681**	**1.2521**	**1.2619**	**2.4600e-003**	**0.2196**	**0.0561**	**0.2757**	**0.1128**	**0.0521**	**0.1649**	**0.0000**	**215.7743**	**215.7743**	**0.0585**	**0.0000**	**217.2363**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.1681	1.2521	1.2619	2.4600e-003	0.1079	0.0561	0.1640	0.0532	0.0521	0.1053	0.0000	215.7741	215.7741	0.0585	0.0000	217.2361
Maximum	**0.1681**	**1.2521**	**1.2619**	**2.4600e-003**	**0.1079**	**0.0561**	**0.1640**	**0.0532**	**0.0521**	**0.1053**	**0.0000**	**215.7741**	**215.7741**	**0.0585**	**0.0000**	**217.2361**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**50.88**	**0.00**	**40.52**	**52.85**	**0.00**	**36.17**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2024**	**3-31-2024**	0.7949	0.7949
2	**4-1-2024**	**6-30-2024**	0.4792	0.4792
3	**7-1-2024**	**9-30-2024**	0.1354	0.1354
		Highest	0.7949	0.7949

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0127	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.2000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0127**	**0.0000**	**6.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**1.1000e-004**	**1.1000e-004**	**0.0000**	**0.0000**	**1.2000e-004**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0127	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.2000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0127**	**0.0000**	**6.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**1.1000e-004**	**1.1000e-004**	**0.0000**	**0.0000**	**1.2000e-004**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.3 Vegetation

Vegetation

	CO2e
Category	MT
Vegetation Land Change	-68.2724
Total	**-68.2724**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2024	3/19/2024	5	57	
2	Site Preparation	Site Preparation	3/20/2024	4/8/2024	5	14	
3	Grading	Grading	4/9/2024	5/9/2024	5	23	
4	Paving	Paving	5/10/2024	7/19/2024	5	51	
5	Architectural Coating	Architectural Coating	7/20/2024	9/30/2024	5	51	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 11.5

Acres of Paving: 3.4

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 8,886 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	4.00	12.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	6.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	6.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	12.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3300e-003	0.0000	1.3300e-003	2.0000e-004	0.0000	2.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0640	0.5950	0.5617	1.1100e-003		0.0274	0.0274		0.0254	0.0254	0.0000	96.8887	96.8887	0.0271	0.0000	97.5664
Total	**0.0640**	**0.5950**	**0.5617**	**1.1100e-003**	**1.3300e-003**	**0.0274**	**0.0287**	**2.0000e-004**	**0.0254**	**0.0256**	**0.0000**	**96.8887**	**96.8887**	**0.0271**	**0.0000**	**97.5664**

3.2 Demolition - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.0000e-005	1.1100e-003	3.4000e-004	0.0000	1.0000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.4357	0.4357	3.0000e-005	0.0000	0.4363
Vendor	2.3000e-004	8.3100e-003	2.4200e-003	2.0000e-005	5.2000e-004	1.0000e-005	5.3000e-004	1.5000e-004	1.0000e-005	1.6000e-004	0.0000	2.1180	2.1180	1.1000e-004	0.0000	2.1208
Worker	1.4500e-003	1.1100e-003	0.0103	3.0000e-005	4.1200e-003	2.0000e-005	4.1400e-003	1.0900e-003	2.0000e-005	1.1200e-003	0.0000	2.9666	2.9666	7.0000e-005	0.0000	2.9684
Total	**1.7100e-003**	**0.0105**	**0.0130**	**5.0000e-005**	**4.7400e-003**	**3.0000e-005**	**4.7800e-003**	**1.2700e-003**	**3.0000e-005**	**1.3100e-003**	**0.0000**	**5.5203**	**5.5203**	**2.1000e-004**	**0.0000**	**5.5256**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.0000e-004	0.0000	6.0000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0640	0.5950	0.5617	1.1100e-003		0.0274	0.0274		0.0254	0.0254	0.0000	96.8886	96.8886	0.0271	0.0000	97.5663
Total	**0.0640**	**0.5950**	**0.5617**	**1.1100e-003**	**6.0000e-004**	**0.0274**	**0.0280**	**9.0000e-005**	**0.0254**	**0.0255**	**0.0000**	**96.8886**	**96.8886**	**0.0271**	**0.0000**	**97.5663**

3.2 Demolition - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.0000e-005	1.1100e-003	3.4000e-004	0.0000	1.0000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.4357	0.4357	3.0000e-005	0.0000	0.4363
Vendor	2.3000e-004	8.3100e-003	2.4200e-003	2.0000e-005	5.2000e-004	1.0000e-005	5.3000e-004	1.5000e-004	1.0000e-005	1.6000e-004	0.0000	2.1180	2.1180	1.1000e-004	0.0000	2.1208
Worker	1.4500e-003	1.1100e-003	0.0103	3.0000e-005	4.1200e-003	2.0000e-005	4.1400e-003	1.0900e-003	2.0000e-005	1.1200e-003	0.0000	2.9666	2.9666	7.0000e-005	0.0000	2.9684
Total	**1.7100e-003**	**0.0105**	**0.0130**	**5.0000e-005**	**4.7400e-003**	**3.0000e-005**	**4.7800e-003**	**1.2700e-003**	**3.0000e-005**	**1.3100e-003**	**0.0000**	**5.5203**	**5.5203**	**2.1000e-004**	**0.0000**	**5.5256**

3.3 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1265	0.0000	0.1265	0.0695	0.0000	0.0695	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0186	0.1902	0.1284	2.7000e-004		8.6100e-003	8.6100e-003		7.9200e-003	7.9200e-003	0.0000	23.4199	23.4199	7.5700e-003	0.0000	23.6093
Total	**0.0186**	**0.1902**	**0.1284**	**2.7000e-004**	**0.1265**	**8.6100e-003**	**0.1351**	**0.0695**	**7.9200e-003**	**0.0774**	**0.0000**	**23.4199**	**23.4199**	**7.5700e-003**	**0.0000**	**23.6093**

3.3 Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.0600e-003	8.9000e-004	1.0000e-005	1.9000e-004	0.0000	2.0000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.7803	0.7803	4.0000e-005	0.0000	0.7814
Worker	4.3000e-004	3.3000e-004	3.0300e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.8744	0.8744	2.0000e-005	0.0000	0.8749
Total	**5.2000e-004**	**3.3900e-003**	**3.9200e-003**	**2.0000e-005**	**1.4000e-003**	**1.0000e-005**	**1.4200e-003**	**3.8000e-004**	**1.0000e-005**	**3.9000e-004**	**0.0000**	**1.6547**	**1.6547**	**6.0000e-005**	**0.0000**	**1.6563**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0569	0.0000	0.0569	0.0313	0.0000	0.0313	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0186	0.1902	0.1284	2.7000e-004		8.6100e-003	8.6100e-003		7.9200e-003	7.9200e-003	0.0000	23.4199	23.4199	7.5700e-003	0.0000	23.6093
Total	**0.0186**	**0.1902**	**0.1284**	**2.7000e-004**	**0.0569**	**8.6100e-003**	**0.0655**	**0.0313**	**7.9200e-003**	**0.0392**	**0.0000**	**23.4199**	**23.4199**	**7.5700e-003**	**0.0000**	**23.6093**

3.3 Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.0600e-003	8.9000e-004	1.0000e-005	1.9000e-004	0.0000	2.0000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.7803	0.7803	4.0000e-005	0.0000	0.7814
Worker	4.3000e-004	3.3000e-004	3.0300e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.8744	0.8744	2.0000e-005	0.0000	0.8749
Total	**5.2000e-004**	**3.3900e-003**	**3.9200e-003**	**2.0000e-005**	**1.4000e-003**	**1.0000e-005**	**1.4200e-003**	**3.8000e-004**	**1.0000e-005**	**3.9000e-004**	**0.0000**	**1.6547**	**1.6547**	**6.0000e-005**	**0.0000**	**1.6563**

3.4 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0754	0.0000	0.0754	0.0387	0.0000	0.0387	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0191	0.1959	0.1697	3.4000e-004		8.3300e-003	8.3300e-003		7.6600e-003	7.6600e-003	0.0000	29.9735	29.9735	9.6900e-003	0.0000	30.2159
Total	**0.0191**	**0.1959**	**0.1697**	**3.4000e-004**	**0.0754**	**8.3300e-003**	**0.0837**	**0.0387**	**7.6600e-003**	**0.0464**	**0.0000**	**29.9735**	**29.9735**	**9.6900e-003**	**0.0000**	**30.2159**

3.4 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	5.0300e-003	1.4700e-003	1.0000e-005	3.1000e-004	1.0000e-005	3.2000e-004	9.0000e-005	1.0000e-005	1.0000e-004	0.0000	1.2819	1.2819	7.0000e-005	0.0000	1.2836
Worker	5.8000e-004	4.5000e-004	4.1500e-003	1.0000e-005	1.6600e-003	1.0000e-005	1.6700e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.1971	1.1971	3.0000e-005	0.0000	1.1978
Total	**7.2000e-004**	**5.4800e-003**	**5.6200e-003**	**2.0000e-005**	**1.9700e-003**	**2.0000e-005**	**1.9900e-003**	**5.3000e-004**	**2.0000e-005**	**5.5000e-004**	**0.0000**	**2.4790**	**2.4790**	**1.0000e-004**	**0.0000**	**2.4814**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0339	0.0000	0.0339	0.0174	0.0000	0.0174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0191	0.1959	0.1697	3.4000e-004		8.3300e-003	8.3300e-003		7.6600e-003	7.6600e-003	0.0000	29.9735	29.9735	9.6900e-003	0.0000	30.2158
Total	**0.0191**	**0.1959**	**0.1697**	**3.4000e-004**	**0.0339**	**8.3300e-003**	**0.0422**	**0.0174**	**7.6600e-003**	**0.0251**	**0.0000**	**29.9735**	**29.9735**	**9.6900e-003**	**0.0000**	**30.2158**

3.4 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	5.0300e-003	1.4700e-003	1.0000e-005	3.1000e-004	1.0000e-005	3.2000e-004	9.0000e-005	1.0000e-005	1.0000e-004	0.0000	1.2819	1.2819	7.0000e-005	0.0000	1.2836
Worker	5.8000e-004	4.5000e-004	4.1500e-003	1.0000e-005	1.6600e-003	1.0000e-005	1.6700e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.1971	1.1971	3.0000e-005	0.0000	1.1978
Total	**7.2000e-004**	**5.4800e-003**	**5.6200e-003**	**2.0000e-005**	**1.9700e-003**	**2.0000e-005**	**1.9900e-003**	**5.3000e-004**	**2.0000e-005**	**5.5000e-004**	**0.0000**	**2.4790**	**2.4790**	**1.0000e-004**	**0.0000**	**2.4814**

3.5 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0225	0.2110	0.3116	4.8000e-004		0.0102	0.0102		9.4000e-003	9.4000e-003	0.0000	41.7698	41.7698	0.0131	0.0000	42.0979
Paving	2.5500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0250**	**0.2110**	**0.3116**	**4.8000e-004**		**0.0102**	**0.0102**		**9.4000e-003**	**9.4000e-003**	**0.0000**	**41.7698**	**41.7698**	**0.0131**	**0.0000**	**42.0979**

3.5 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-004	7.4400e-003	2.1700e-003	2.0000e-005	4.6000e-004	1.0000e-005	4.7000e-004	1.3000e-004	1.0000e-005	1.4000e-004	0.0000	1.8950	1.8950	1.0000e-004	0.0000	1.8976
Worker	1.7300e-003	1.3200e-003	0.0123	4.0000e-005	4.9100e-003	3.0000e-005	4.9400e-003	1.3000e-003	3.0000e-005	1.3300e-003	0.0000	3.5391	3.5391	9.0000e-005	0.0000	3.5413
Total	**1.9400e-003**	**8.7600e-003**	**0.0144**	**6.0000e-005**	**5.3700e-003**	**4.0000e-005**	**5.4100e-003**	**1.4300e-003**	**4.0000e-005**	**1.4700e-003**	**0.0000**	**5.4342**	**5.4342**	**1.9000e-004**	**0.0000**	**5.4389**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0225	0.2110	0.3116	4.8000e-004		0.0102	0.0102		9.4000e-003	9.4000e-003	0.0000	41.7698	41.7698	0.0131	0.0000	42.0979
Paving	2.5500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0250**	**0.2110**	**0.3116**	**4.8000e-004**		**0.0102**	**0.0102**		**9.4000e-003**	**9.4000e-003**	**0.0000**	**41.7698**	**41.7698**	**0.0131**	**0.0000**	**42.0979**

3.5 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-004	7.4400e-003	2.1700e-003	2.0000e-005	4.6000e-004	1.0000e-005	4.7000e-004	1.3000e-004	1.0000e-005	1.4000e-004	0.0000	1.8950	1.8950	1.0000e-004	0.0000	1.8976
Worker	1.7300e-003	1.3200e-003	0.0123	4.0000e-005	4.9100e-003	3.0000e-005	4.9400e-003	1.3000e-003	3.0000e-005	1.3300e-003	0.0000	3.5391	3.5391	9.0000e-005	0.0000	3.5413
Total	**1.9400e-003**	**8.7600e-003**	**0.0144**	**6.0000e-005**	**5.3700e-003**	**4.0000e-005**	**5.4100e-003**	**1.4300e-003**	**4.0000e-005**	**1.4700e-003**	**0.0000**	**5.4342**	**5.4342**	**1.9000e-004**	**0.0000**	**5.4389**

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0309					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.6100e-003	0.0311	0.0462	8.0000e-005		1.5500e-003	1.5500e-003		1.5500e-003	1.5500e-003	0.0000	6.5108	6.5108	3.7000e-004	0.0000	6.5200
Total	**0.0355**	**0.0311**	**0.0462**	**8.0000e-005**		**1.5500e-003**	**1.5500e-003**		**1.5500e-003**	**1.5500e-003**	**0.0000**	**6.5108**	**6.5108**	**3.7000e-004**	**0.0000**	**6.5200**

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0400e-003	7.9000e-004	7.3600e-003	2.0000e-005	2.9500e-003	2.0000e-005	2.9600e-003	7.8000e-004	2.0000e-005	8.0000e-004	0.0000	2.1235	2.1235	5.0000e-005	0.0000	2.1248
Total	**1.0400e-003**	**7.9000e-004**	**7.3600e-003**	**2.0000e-005**	**2.9500e-003**	**2.0000e-005**	**2.9600e-003**	**7.8000e-004**	**2.0000e-005**	**8.0000e-004**	**0.0000**	**2.1235**	**2.1235**	**5.0000e-005**	**0.0000**	**2.1248**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0309					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.6100e-003	0.0311	0.0462	8.0000e-005		1.5500e-003	1.5500e-003		1.5500e-003	1.5500e-003	0.0000	6.5108	6.5108	3.7000e-004	0.0000	6.5200
Total	**0.0355**	**0.0311**	**0.0462**	**8.0000e-005**		**1.5500e-003**	**1.5500e-003**		**1.5500e-003**	**1.5500e-003**	**0.0000**	**6.5108**	**6.5108**	**3.7000e-004**	**0.0000**	**6.5200**

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0400e-003	7.9000e-004	7.3600e-003	2.0000e-005	2.9500e-003	2.0000e-005	2.9600e-003	7.8000e-004	2.0000e-005	8.0000e-004	0.0000	2.1235	2.1235	5.0000e-005	0.0000	2.1248
Total	**1.0400e-003**	**7.9000e-004**	**7.3600e-003**	**2.0000e-005**	**2.9500e-003**	**2.0000e-005**	**2.9600e-003**	**7.8000e-004**	**2.0000e-005**	**8.0000e-004**	**0.0000**	**2.1235**	**2.1235**	**5.0000e-005**	**0.0000**	**2.1248**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.594251	0.027045	0.198417	0.112022	0.020557	0.005436	0.012656	0.019692	0.002295	0.001129	0.004655	0.000747	0.001098
Other Non-Asphalt Surfaces	0.594251	0.027045	0.198417	0.112022	0.020557	0.005436	0.012656	0.019692	0.002295	0.001129	0.004655	0.000747	0.001098

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0127	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.2000e-004
Unmitigated	0.0127	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.2000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.0900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.5700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.2000e-004
Total	**0.0127**	**0.0000**	**6.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**1.1000e-004**	**1.1000e-004**	**0.0000**	**0.0000**	**1.2000e-004**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.0900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.5700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.2000e-004
Total	**0.0127**	**0.0000**	**6.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**1.1000e-004**	**1.1000e-004**	**0.0000**	**0.0000**	**1.2000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

	Total CO2	CH4	N2O	CO2e
Category	MT			
Unmitigated	-68.2724	0.0000	0.0000	-68.2724

11.1 Vegetation Land Change

Vegetation Type

	Initial/Final	Total CO2	CH4	N2O	CO2e
	Acres	MT			
Scrub	0.148 / 0	-2.1164	0.0000	0.0000	-2.1164
Trees	0.596 / 0	-66.1560	0.0000	0.0000	-66.1560
Total		**-68.2724**	**0.0000**	**0.0000**	**-68.2724**

Pismo State Beach and Oceano Dunes PWP - Oceano Campground

San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1.95	Acre	1.95	84,942.00	0
Other Non-Asphalt Surfaces	1.45	Acre	1.45	63,162.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only project.

Land Use -

Construction Phase - No physical buildings being constructed, so removed this phase and proportionally increased other phases to account for 9-month construction duration.

Trips and VMT - Adjusted vendor and haul truck trips mannually to account for water trucks and some material deliveries during site prep and grading.

Demolition -

Grading -

Energy Use -

Land Use Change - Per project description, construction will be limited to developed footprint and not encroach upon riparian or existing native plant garden.

Construction Off-road Equipment Mitigation - Mitigation with watering exposed area 2 times daily.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	57.00
tblConstructionPhase	NumDays	5.00	14.00
tblConstructionPhase	NumDays	8.00	23.00
tblConstructionPhase	NumDays	18.00	51.00
tblConstructionPhase	NumDays	18.00	51.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.7322	27.6534	20.1737	0.0410	18.2721	1.2310	19.5031	9.9859	1.1325	11.1184	0.0000	3,966.8135	3,966.8135	1.2027	0.0000	3,993.2292
Maximum	**2.7322**	**27.6534**	**20.1737**	**0.0410**	**18.2721**	**1.2310**	**19.5031**	**9.9859**	**1.1325**	**11.1184**	**0.0000**	**3,966.8135**	**3,966.8135**	**1.2027**	**0.0000**	**3,993.2292**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.7322	27.6534	20.1737	0.0410	8.3356	1.2310	9.5666	4.5240	1.1325	5.6565	0.0000	3,966.8135	3,966.8135	1.2027	0.0000	3,993.2292
Maximum	**2.7322**	**27.6534**	**20.1737**	**0.0410**	**8.3356**	**1.2310**	**9.5666**	**4.5240**	**1.1325**	**5.6565**	**0.0000**	**3,966.8135**	**3,966.8135**	**1.2027**	**0.0000**	**3,993.2292**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**54.38**	**0.00**	**50.95**	**54.70**	**0.00**	**49.12**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0694	0.0000	3.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.4000e-004	7.4000e-004	0.0000		7.9000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0694**	**0.0000**	**3.5000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**7.4000e-004**	**7.4000e-004**	**0.0000**	**0.0000**	**7.9000e-004**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0694	0.0000	3.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.4000e-004	7.4000e-004	0.0000		7.9000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0694**	**0.0000**	**3.5000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**7.4000e-004**	**7.4000e-004**	**0.0000**	**0.0000**	**7.9000e-004**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2024	3/19/2024	5	57	
2	Site Preparation	Site Preparation	3/20/2024	4/8/2024	5	14	
3	Grading	Grading	4/9/2024	5/9/2024	5	23	
4	Paving	Paving	5/10/2024	7/19/2024	5	51	
5	Architectural Coating	Architectural Coating	7/20/2024	9/30/2024	5	51	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 11.5

Acres of Paving: 3.4

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 8,886 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	4.00	12.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	6.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	6.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	12.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0465	0.0000	0.0465	7.0400e-003	0.0000	7.0400e-003			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**2.2437**	**20.8781**	**19.7073**	**0.0388**	**0.0465**	**0.9602**	**1.0067**	**7.0400e-003**	**0.8922**	**0.8992**		**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0900e-003	0.0385	0.0117	1.6000e-004	3.6800e-003	1.0000e-004	3.7800e-003	1.0100e-003	9.0000e-005	1.1000e-003		16.9633	16.9633	1.0000e-003		16.9883
Vendor	7.9300e-003	0.2904	0.0798	7.8000e-004	0.0186	4.0000e-004	0.0190	5.3500e-003	3.8000e-004	5.7300e-003		83.0273	83.0273	4.2600e-003		83.1338
Worker	0.0495	0.0349	0.3748	1.2000e-003	0.1483	8.5000e-004	0.1491	0.0393	7.8000e-004	0.0401		119.4001	119.4001	2.9000e-003		119.4726
Total	**0.0586**	**0.3638**	**0.4663**	**2.1400e-003**	**0.1706**	**1.3500e-003**	**0.1719**	**0.0457**	**1.2500e-003**	**0.0469**		**219.3907**	**219.3907**	**8.1600e-003**		**219.5947**

3.2 Demolition - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0209	0.0000	0.0209	3.1700e-003	0.0000	3.1700e-003			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**2.2437**	**20.8781**	**19.7073**	**0.0388**	**0.0209**	**0.9602**	**0.9811**	**3.1700e-003**	**0.8922**	**0.8954**	**0.0000**	**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0900e-003	0.0385	0.0117	1.6000e-004	3.6800e-003	1.0000e-004	3.7800e-003	1.0100e-003	9.0000e-005	1.1000e-003		16.9633	16.9633	1.0000e-003		16.9883
Vendor	7.9300e-003	0.2904	0.0798	7.8000e-004	0.0186	4.0000e-004	0.0190	5.3500e-003	3.8000e-004	5.7300e-003		83.0273	83.0273	4.2600e-003		83.1338
Worker	0.0495	0.0349	0.3748	1.2000e-003	0.1483	8.5000e-004	0.1491	0.0393	7.8000e-004	0.0401		119.4001	119.4001	2.9000e-003		119.4726
Total	**0.0586**	**0.3638**	**0.4663**	**2.1400e-003**	**0.1706**	**1.3500e-003**	**0.1719**	**0.0457**	**1.2500e-003**	**0.0469**		**219.3907**	**219.3907**	**8.1600e-003**		**219.5947**

3.3 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**18.0663**	**1.2294**	**19.2956**	**9.9307**	**1.1310**	**11.0617**		**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.4355	0.1197	1.1600e-003	0.0279	6.0000e-004	0.0285	8.0300e-003	5.7000e-004	8.6000e-003		124.5410	124.5410	6.3900e-003		124.7007
Worker	0.0595	0.0419	0.4498	1.4400e-003	0.1780	1.0200e-003	0.1790	0.0472	9.4000e-004	0.0481		143.2801	143.2801	3.4800e-003		143.3671
Total	**0.0713**	**0.4774**	**0.5695**	**2.6000e-003**	**0.2058**	**1.6200e-003**	**0.2074**	**0.0552**	**1.5100e-003**	**0.0567**		**267.8211**	**267.8211**	**9.8700e-003**		**268.0678**

3.3 Site Preparation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**8.1298**	**1.2294**	**9.3592**	**4.4688**	**1.1310**	**5.5998**	**0.0000**	**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.4355	0.1197	1.1600e-003	0.0279	6.0000e-004	0.0285	8.0300e-003	5.7000e-004	8.6000e-003		124.5410	124.5410	6.3900e-003		124.7007
Worker	0.0595	0.0419	0.4498	1.4400e-003	0.1780	1.0200e-003	0.1790	0.0472	9.4000e-004	0.0481		143.2801	143.2801	3.4800e-003		143.3671
Total	**0.0713**	**0.4774**	**0.5695**	**2.6000e-003**	**0.2058**	**1.6200e-003**	**0.2074**	**0.0552**	**1.5100e-003**	**0.0567**		**267.8211**	**267.8211**	**9.8700e-003**		**268.0678**

3.4 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.6617	17.0310	14.7594	0.0297		0.7244	0.7244		0.6665	0.6665		2,873.0541	2,873.0541	0.9292		2,896.2842
Total	**1.6617**	**17.0310**	**14.7594**	**0.0297**	**6.5523**	**0.7244**	**7.2768**	**3.3675**	**0.6665**	**4.0340**		**2,873.0541**	**2,873.0541**	**0.9292**		**2,896.2842**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.4355	0.1197	1.1600e-003	0.0279	6.0000e-004	0.0285	8.0300e-003	5.7000e-004	8.6000e-003		124.5410	124.5410	6.3900e-003		124.7007
Worker	0.0495	0.0349	0.3748	1.2000e-003	0.1483	8.5000e-004	0.1491	0.0393	7.8000e-004	0.0401		119.4001	119.4001	2.9000e-003		119.4726
Total	**0.0614**	**0.4705**	**0.4945**	**2.3600e-003**	**0.1762**	**1.4500e-003**	**0.1776**	**0.0474**	**1.3500e-003**	**0.0487**		**243.9411**	**243.9411**	**9.2900e-003**		**244.1733**

3.4 Grading - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	1.6617	17.0310	14.7594	0.0297		0.7244	0.7244		0.6665	0.6665	0.0000	2,873.0541	2,873.0541	0.9292		2,896.2842
Total	**1.6617**	**17.0310**	**14.7594**	**0.0297**	**2.9486**	**0.7244**	**3.6730**	**1.5154**	**0.6665**	**2.1818**	**0.0000**	**2,873.0541**	**2,873.0541**	**0.9292**		**2,896.2842**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.4355	0.1197	1.1600e-003	0.0279	6.0000e-004	0.0285	8.0300e-003	5.7000e-004	8.6000e-003		124.5410	124.5410	6.3900e-003		124.7007
Worker	0.0495	0.0349	0.3748	1.2000e-003	0.1483	8.5000e-004	0.1491	0.0393	7.8000e-004	0.0401		119.4001	119.4001	2.9000e-003		119.4726
Total	**0.0614**	**0.4705**	**0.4945**	**2.3600e-003**	**0.1762**	**1.4500e-003**	**0.1776**	**0.0474**	**1.3500e-003**	**0.0487**		**243.9411**	**243.9411**	**9.2900e-003**		**244.1733**

3.5 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8814	8.2730	12.2210	0.0189		0.3987	0.3987		0.3685	0.3685		1,805.6205	1,805.6205	0.5673		1,819.8039
Paving	0.1002					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9816**	**8.2730**	**12.2210**	**0.0189**		**0.3987**	**0.3987**		**0.3685**	**0.3685**		**1,805.6205**	**1,805.6205**	**0.5673**		**1,819.8039**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9300e-003	0.2904	0.0798	7.8000e-004	0.0186	4.0000e-004	0.0190	5.3500e-003	3.8000e-004	5.7300e-003		83.0273	83.0273	4.2600e-003		83.1338
Worker	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968
Total	**0.0740**	**0.3369**	**0.5796**	**2.3800e-003**	**0.2163**	**1.5300e-003**	**0.2178**	**0.0578**	**1.4200e-003**	**0.0592**		**242.2275**	**242.2275**	**8.1200e-003**		**242.4306**

3.5 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8814	8.2730	12.2210	0.0189		0.3987	0.3987		0.3685	0.3685	0.0000	1,805.6205	1,805.6205	0.5673		1,819.8039
Paving	0.1002					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9816**	**8.2730**	**12.2210**	**0.0189**		**0.3987**	**0.3987**		**0.3685**	**0.3685**	**0.0000**	**1,805.6205**	**1,805.6205**	**0.5673**		**1,819.8039**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9300e-003	0.2904	0.0798	7.8000e-004	0.0186	4.0000e-004	0.0190	5.3500e-003	3.8000e-004	5.7300e-003		83.0273	83.0273	4.2600e-003		83.1338
Worker	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968
Total	**0.0740**	**0.3369**	**0.5796**	**2.3800e-003**	**0.2163**	**1.5300e-003**	**0.2178**	**0.0578**	**1.4200e-003**	**0.0592**		**242.2275**	**242.2275**	**8.1200e-003**		**242.4306**

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.2114					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**1.3921**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0396	0.0279	0.2998	9.6000e-004	0.1186	6.8000e-004	0.1193	0.0315	6.3000e-004	0.0321		95.5201	95.5201	2.3200e-003		95.5781
Total	**0.0396**	**0.0279**	**0.2998**	**9.6000e-004**	**0.1186**	**6.8000e-004**	**0.1193**	**0.0315**	**6.3000e-004**	**0.0321**		**95.5201**	**95.5201**	**2.3200e-003**		**95.5781**

3.6 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.2114					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**1.3921**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0396	0.0279	0.2998	9.6000e-004	0.1186	6.8000e-004	0.1193	0.0315	6.3000e-004	0.0321		95.5201	95.5201	2.3200e-003		95.5781
Total	**0.0396**	**0.0279**	**0.2998**	**9.6000e-004**	**0.1186**	**6.8000e-004**	**0.1193**	**0.0315**	**6.3000e-004**	**0.0321**		**95.5201**	**95.5201**	**2.3200e-003**		**95.5781**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.594251	0.027045	0.198417	0.112022	0.020557	0.005436	0.012656	0.019692	0.002295	0.001129	0.004655	0.000747	0.001098
Other Non-Asphalt Surfaces	0.594251	0.027045	0.198417	0.112022	0.020557	0.005436	0.012656	0.019692	0.002295	0.001129	0.004655	0.000747	0.001098

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0694	0.0000	3.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.4000e-004	7.4000e-004	0.0000		7.9000e-004
Unmitigated	0.0694	0.0000	3.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.4000e-004	7.4000e-004	0.0000		7.9000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0169					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0525					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.0000e-005	0.0000	3.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.4000e-004	7.4000e-004	0.0000		7.9000e-004
Total	**0.0694**	**0.0000**	**3.5000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**7.4000e-004**	**7.4000e-004**	**0.0000**		**7.9000e-004**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0169					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0525					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.0000e-005	0.0000	3.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.4000e-004	7.4000e-004	0.0000		7.9000e-004
Total	**0.0694**	**0.0000**	**3.5000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**7.4000e-004**	**7.4000e-004**	**0.0000**		**7.9000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Oceano Campground

San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1.95	Acre	1.95	84,942.00	0
Other Non-Asphalt Surfaces	1.45	Acre	1.45	63,162.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only project.

Land Use -

Construction Phase - No physical buildings being constructed, so removed this phase and proportionally increased other phases to account for 9-month construction duration.

Trips and VMT - Adjusted vendor and haul truck trips mannually to account for water trucks and some material deliveries during site prep and grading.

Demolition -

Grading -

Energy Use -

Land Use Change - Per project description, construction will be limited to developed footprint and not encroach upon riparian or existing native plant garden.

Construction Off-road Equipment Mitigation - Mitigation with watering exposed area 2 times daily.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	57.00
tblConstructionPhase	NumDays	5.00	14.00
tblConstructionPhase	NumDays	8.00	23.00
tblConstructionPhase	NumDays	18.00	51.00
tblConstructionPhase	NumDays	18.00	51.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.7421	27.6556	20.1702	0.0409	18.2721	1.2310	19.5031	9.9859	1.1325	11.1184	0.0000	3,958.3209	3,958.3209	1.2029	0.0000	3,984.7412
Maximum	**2.7421**	**27.6556**	**20.1702**	**0.0409**	**18.2721**	**1.2310**	**19.5031**	**9.9859**	**1.1325**	**11.1184**	**0.0000**	**3,958.3209**	**3,958.3209**	**1.2029**	**0.0000**	**3,984.7412**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.7421	27.6556	20.1702	0.0409	8.3356	1.2310	9.5666	4.5240	1.1325	5.6566	0.0000	3,958.3209	3,958.3209	1.2029	0.0000	3,984.7412
Maximum	**2.7421**	**27.6556**	**20.1702**	**0.0409**	**8.3356**	**1.2310**	**9.5666**	**4.5240**	**1.1325**	**5.6566**	**0.0000**	**3,958.3209**	**3,958.3209**	**1.2029**	**0.0000**	**3,984.7412**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**54.38**	**0.00**	**50.95**	**54.70**	**0.00**	**49.12**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0694	0.0000	3.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.4000e-004	7.4000e-004	0.0000		7.9000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0694**	**0.0000**	**3.5000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**7.4000e-004**	**7.4000e-004**	**0.0000**	**0.0000**	**7.9000e-004**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0694	0.0000	3.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.4000e-004	7.4000e-004	0.0000		7.9000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0694**	**0.0000**	**3.5000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**7.4000e-004**	**7.4000e-004**	**0.0000**	**0.0000**	**7.9000e-004**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2024	3/19/2024	5	57	
2	Site Preparation	Site Preparation	3/20/2024	4/8/2024	5	14	
3	Grading	Grading	4/9/2024	5/9/2024	5	23	
4	Paving	Paving	5/10/2024	7/19/2024	5	51	
5	Architectural Coating	Architectural Coating	7/20/2024	9/30/2024	5	51	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 11.5

Acres of Paving: 3.4

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 8,886 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	4.00	12.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	6.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	6.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	12.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0465	0.0000	0.0465	7.0400e-003	0.0000	7.0400e-003			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**2.2437**	**20.8781**	**19.7073**	**0.0388**	**0.0465**	**0.9602**	**1.0067**	**7.0400e-003**	**0.8922**	**0.8992**		**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.1200e-003	0.0386	0.0123	1.5000e-004	3.6800e-003	1.0000e-004	3.7800e-003	1.0100e-003	9.0000e-005	1.1000e-003		16.6950	16.6950	1.0300e-003		16.7207
Vendor	8.4600e-003	0.2880	0.0896	7.5000e-004	0.0186	4.2000e-004	0.0190	5.3500e-003	4.0000e-004	5.7500e-003		80.3887	80.3887	4.5400e-003		80.5022
Worker	0.0571	0.0396	0.3610	1.1400e-003	0.1483	8.5000e-004	0.1491	0.0393	7.8000e-004	0.0401		113.8144	113.8144	2.7800e-003		113.8838
Total	**0.0667**	**0.3662**	**0.4629**	**2.0400e-003**	**0.1706**	**1.3700e-003**	**0.1719**	**0.0457**	**1.2700e-003**	**0.0470**		**210.8981**	**210.8981**	**8.3500e-003**		**211.1067**

3.2 Demolition - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0209	0.0000	0.0209	3.1700e-003	0.0000	3.1700e-003			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**2.2437**	**20.8781**	**19.7073**	**0.0388**	**0.0209**	**0.9602**	**0.9811**	**3.1700e-003**	**0.8922**	**0.8954**	**0.0000**	**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.1200e-003	0.0386	0.0123	1.5000e-004	3.6800e-003	1.0000e-004	3.7800e-003	1.0100e-003	9.0000e-005	1.1000e-003		16.6950	16.6950	1.0300e-003		16.7207
Vendor	8.4600e-003	0.2880	0.0896	7.5000e-004	0.0186	4.2000e-004	0.0190	5.3500e-003	4.0000e-004	5.7500e-003		80.3887	80.3887	4.5400e-003		80.5022
Worker	0.0571	0.0396	0.3610	1.1400e-003	0.1483	8.5000e-004	0.1491	0.0393	7.8000e-004	0.0401		113.8144	113.8144	2.7800e-003		113.8838
Total	**0.0667**	**0.3662**	**0.4629**	**2.0400e-003**	**0.1706**	**1.3700e-003**	**0.1719**	**0.0457**	**1.2700e-003**	**0.0470**		**210.8981**	**210.8981**	**8.3500e-003**		**211.1067**

3.3 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**18.0663**	**1.2294**	**19.2956**	**9.9307**	**1.1310**	**11.0617**		**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0127	0.4321	0.1344	1.1300e-003	0.0279	6.3000e-004	0.0285	8.0300e-003	6.0000e-004	8.6300e-003		120.5831	120.5831	6.8100e-003		120.7533
Worker	0.0685	0.0475	0.4332	1.3700e-003	0.1780	1.0200e-003	0.1790	0.0472	9.4000e-004	0.0481		136.5772	136.5772	3.3300e-003		136.6605
Total	**0.0812**	**0.4796**	**0.5676**	**2.5000e-003**	**0.2058**	**1.6500e-003**	**0.2075**	**0.0552**	**1.5400e-003**	**0.0568**		**257.1603**	**257.1603**	**0.0101**		**257.4139**

3.3 Site Preparation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**8.1298**	**1.2294**	**9.3592**	**4.4688**	**1.1310**	**5.5998**	**0.0000**	**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0127	0.4321	0.1344	1.1300e-003	0.0279	6.3000e-004	0.0285	8.0300e-003	6.0000e-004	8.6300e-003		120.5831	120.5831	6.8100e-003		120.7533
Worker	0.0685	0.0475	0.4332	1.3700e-003	0.1780	1.0200e-003	0.1790	0.0472	9.4000e-004	0.0481		136.5772	136.5772	3.3300e-003		136.6605
Total	**0.0812**	**0.4796**	**0.5676**	**2.5000e-003**	**0.2058**	**1.6500e-003**	**0.2075**	**0.0552**	**1.5400e-003**	**0.0568**		**257.1603**	**257.1603**	**0.0101**		**257.4139**

3.4 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.6617	17.0310	14.7594	0.0297		0.7244	0.7244		0.6665	0.6665		2,873.0541	2,873.0541	0.9292		2,896.2842
Total	**1.6617**	**17.0310**	**14.7594**	**0.0297**	**6.5523**	**0.7244**	**7.2768**	**3.3675**	**0.6665**	**4.0340**		**2,873.0541**	**2,873.0541**	**0.9292**		**2,896.2842**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0127	0.4321	0.1344	1.1300e-003	0.0279	6.3000e-004	0.0285	8.0300e-003	6.0000e-004	8.6300e-003		120.5831	120.5831	6.8100e-003		120.7533
Worker	0.0571	0.0396	0.3610	1.1400e-003	0.1483	8.5000e-004	0.1491	0.0393	7.8000e-004	0.0401		113.8144	113.8144	2.7800e-003		113.8838
Total	**0.0698**	**0.4717**	**0.4954**	**2.2700e-003**	**0.1762**	**1.4800e-003**	**0.1776**	**0.0474**	**1.3800e-003**	**0.0487**		**234.3974**	**234.3974**	**9.5900e-003**		**234.6371**

3.4 Grading - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	1.6617	17.0310	14.7594	0.0297		0.7244	0.7244		0.6665	0.6665	0.0000	2,873.0541	2,873.0541	0.9292		2,896.2842
Total	**1.6617**	**17.0310**	**14.7594**	**0.0297**	**2.9486**	**0.7244**	**3.6730**	**1.5154**	**0.6665**	**2.1818**	**0.0000**	**2,873.0541**	**2,873.0541**	**0.9292**		**2,896.2842**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0127	0.4321	0.1344	1.1300e-003	0.0279	6.3000e-004	0.0285	8.0300e-003	6.0000e-004	8.6300e-003		120.5831	120.5831	6.8100e-003		120.7533
Worker	0.0571	0.0396	0.3610	1.1400e-003	0.1483	8.5000e-004	0.1491	0.0393	7.8000e-004	0.0401		113.8144	113.8144	2.7800e-003		113.8838
Total	**0.0698**	**0.4717**	**0.4954**	**2.2700e-003**	**0.1762**	**1.4800e-003**	**0.1776**	**0.0474**	**1.3800e-003**	**0.0487**		**234.3974**	**234.3974**	**9.5900e-003**		**234.6371**

3.5 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8814	8.2730	12.2210	0.0189		0.3987	0.3987		0.3685	0.3685		1,805.6205	1,805.6205	0.5673		1,819.8039
Paving	0.1002					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9816**	**8.2730**	**12.2210**	**0.0189**		**0.3987**	**0.3987**		**0.3685**	**0.3685**		**1,805.6205**	**1,805.6205**	**0.5673**		**1,819.8039**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.4600e-003	0.2880	0.0896	7.5000e-004	0.0186	4.2000e-004	0.0190	5.3500e-003	4.0000e-004	5.7500e-003		80.3887	80.3887	4.5400e-003		80.5022
Worker	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451
Total	**0.0846**	**0.3408**	**0.5709**	**2.2700e-003**	**0.2163**	**1.5500e-003**	**0.2179**	**0.0578**	**1.4400e-003**	**0.0592**		**232.1412**	**232.1412**	**8.2400e-003**		**232.3473**

3.5 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8814	8.2730	12.2210	0.0189		0.3987	0.3987		0.3685	0.3685	0.0000	1,805.6205	1,805.6205	0.5673		1,819.8039
Paving	0.1002					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9816**	**8.2730**	**12.2210**	**0.0189**		**0.3987**	**0.3987**		**0.3685**	**0.3685**	**0.0000**	**1,805.6205**	**1,805.6205**	**0.5673**		**1,819.8039**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.4600e-003	0.2880	0.0896	7.5000e-004	0.0186	4.2000e-004	0.0190	5.3500e-003	4.0000e-004	5.7500e-003		80.3887	80.3887	4.5400e-003		80.5022
Worker	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451
Total	**0.0846**	**0.3408**	**0.5709**	**2.2700e-003**	**0.2163**	**1.5500e-003**	**0.2179**	**0.0578**	**1.4400e-003**	**0.0592**		**232.1412**	**232.1412**	**8.2400e-003**		**232.3473**

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.2114					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**1.3921**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0457	0.0317	0.2888	9.1000e-004	0.1186	6.8000e-004	0.1193	0.0315	6.3000e-004	0.0321		91.0515	91.0515	2.2200e-003		91.1070
Total	**0.0457**	**0.0317**	**0.2888**	**9.1000e-004**	**0.1186**	**6.8000e-004**	**0.1193**	**0.0315**	**6.3000e-004**	**0.0321**		**91.0515**	**91.0515**	**2.2200e-003**		**91.1070**

3.6 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.2114					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**1.3921**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0457	0.0317	0.2888	9.1000e-004	0.1186	6.8000e-004	0.1193	0.0315	6.3000e-004	0.0321		91.0515	91.0515	2.2200e-003		91.1070
Total	**0.0457**	**0.0317**	**0.2888**	**9.1000e-004**	**0.1186**	**6.8000e-004**	**0.1193**	**0.0315**	**6.3000e-004**	**0.0321**		**91.0515**	**91.0515**	**2.2200e-003**		**91.1070**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.594251	0.027045	0.198417	0.112022	0.020557	0.005436	0.012656	0.019692	0.002295	0.001129	0.004655	0.000747	0.001098
Other Non-Asphalt Surfaces	0.594251	0.027045	0.198417	0.112022	0.020557	0.005436	0.012656	0.019692	0.002295	0.001129	0.004655	0.000747	0.001098

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0694	0.0000	3.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.4000e-004	7.4000e-004	0.0000		7.9000e-004
Unmitigated	0.0694	0.0000	3.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.4000e-004	7.4000e-004	0.0000		7.9000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0169					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0525					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.0000e-005	0.0000	3.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.4000e-004	7.4000e-004	0.0000		7.9000e-004
Total	**0.0694**	**0.0000**	**3.5000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**7.4000e-004**	**7.4000e-004**	**0.0000**		**7.9000e-004**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0169					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0525					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.0000e-005	0.0000	3.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.4000e-004	7.4000e-004	0.0000		7.9000e-004
Total	**0.0694**	**0.0000**	**3.5000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**7.4000e-004**	**7.4000e-004**	**0.0000**		**7.9000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - 40-Acre Trail Installation

San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	4.80	User Defined Unit	4.80	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only Project.

Land Use - 4.8 acres of trail developed.

Construction Phase - 6-month construction duration of vegetation removal and trail development, followed by fence installation; no building or formal structure construction

Grading -

Trips and VMT - Increased worker trips for fence installation and added vendor trips for material delivery.

Consumer Products - Construction-only Project.

Area Coating - Construction-only Project.

Landscape Equipment - Construction-only Project.

Energy Use -

Land Use Change -

Construction Off-road Equipment Mitigation - Water exposed areas at least twice daily where appropriate.

Off-road Equipment - Site preparation would include manual work and mechanical. Tail installation is light equipment. Reduced CalEEMod defualt equipment to reflect activity.

Off-road Equipment - Building Installation Phase is for fence installation, not an acutal building.

Off-road Equipment - Mix of hand and mechanical work to remove vegetation and develop trails.

Table Name	Column Name	Default Value	New Value
tblLandUse	LotAcreage	0.00	4.80
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Site Preparation
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.0445	0.3297	0.4465	7.1000e-004	5.6700e-003	0.0125	0.0182	1.5300e-003	0.0120	0.0135	0.0000	58.6153	58.6153	0.0120	0.0000	58.9157
Maximum	**0.0445**	**0.3297**	**0.4465**	**7.1000e-004**	**5.6700e-003**	**0.0125**	**0.0182**	**1.5300e-003**	**0.0120**	**0.0135**	**0.0000**	**58.6153**	**58.6153**	**0.0120**	**0.0000**	**58.9157**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.0445	0.3297	0.4465	7.1000e-004	5.6700e-003	0.0125	0.0182	1.5300e-003	0.0120	0.0135	0.0000	58.6152	58.6152	0.0120	0.0000	58.9157
Maximum	**0.0445**	**0.3297**	**0.4465**	**7.1000e-004**	**5.6700e-003**	**0.0125**	**0.0182**	**1.5300e-003**	**0.0120**	**0.0135**	**0.0000**	**58.6152**	**58.6152**	**0.0120**	**0.0000**	**58.9157**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2024**	**3-31-2024**	0.1035	0.1035
2	**4-1-2024**	**6-30-2024**	0.1034	0.1034
3	**7-1-2024**	**9-30-2024**	0.1045	0.1045
		Highest	0.1045	0.1045

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.3 Vegetation

Vegetation

	CO2e
Category	MT
Vegetation Land Change	-68.6400
Total	**-68.6400**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2024	1/5/2024	5	5	
2	Fence Installation	Building Construction	1/6/2024	11/22/2024	5	230	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Fence Installation	Cranes	0	7.00	231	0.29
Fence Installation	Forklifts	0	8.00	89	0.20
Fence Installation	Generator Sets	0	8.00	84	0.74
Fence Installation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Fence Installation	Welders	1	8.00	46	0.45
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Fence Installation	2	4.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.1000e-004	7.1300e-003	0.0138	2.0000e-005		3.4000e-004	3.4000e-004		3.1000e-004	3.1000e-004	0.0000	1.8190	1.8190	5.9000e-004	0.0000	1.8337
Total	**8.1000e-004**	**7.1300e-003**	**0.0138**	**2.0000e-005**	**0.0000**	**3.4000e-004**	**3.4000e-004**	**0.0000**	**3.1000e-004**	**3.1000e-004**	**0.0000**	**1.8190**	**1.8190**	**5.9000e-004**	**0.0000**	**1.8337**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	5.0000e-005	4.8000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1388	0.1388	0.0000	0.0000	0.1389
Total	**7.0000e-005**	**5.0000e-005**	**4.8000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**0.0000**	**0.1388**	**0.1388**	**0.0000**	**0.0000**	**0.1389**

3.2 Site Preparation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.1000e-004	7.1300e-003	0.0138	2.0000e-005		3.4000e-004	3.4000e-004		3.1000e-004	3.1000e-004	0.0000	1.8190	1.8190	5.9000e-004	0.0000	1.8337
Total	**8.1000e-004**	**7.1300e-003**	**0.0138**	**2.0000e-005**	**0.0000**	**3.4000e-004**	**3.4000e-004**	**0.0000**	**3.1000e-004**	**3.1000e-004**	**0.0000**	**1.8190**	**1.8190**	**5.9000e-004**	**0.0000**	**1.8337**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	5.0000e-005	4.8000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1388	0.1388	0.0000	0.0000	0.1389
Total	**7.0000e-005**	**5.0000e-005**	**4.8000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**0.0000**	**0.1388**	**0.1388**	**0.0000**	**0.0000**	**0.1389**

3.3 Fence Installation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0416	0.3045	0.4163	6.1000e-004		0.0122	0.0122		0.0116	0.0116	0.0000	49.1923	49.1923	0.0111	0.0000	49.4703
Total	**0.0416**	**0.3045**	**0.4163**	**6.1000e-004**		**0.0122**	**0.0122**		**0.0116**	**0.0116**	**0.0000**	**49.1923**	**49.1923**	**0.0111**	**0.0000**	**49.4703**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7000e-004	0.0168	4.8900e-003	4.0000e-005	1.0500e-003	2.0000e-005	1.0700e-003	3.0000e-004	2.0000e-005	3.2000e-004	0.0000	4.2731	4.2731	2.3000e-004	0.0000	4.2788
Worker	1.5600e-003	1.1900e-003	0.0111	4.0000e-005	4.4300e-003	3.0000e-005	4.4500e-003	1.1800e-003	2.0000e-005	1.2000e-003	0.0000	3.1922	3.1922	8.0000e-005	0.0000	3.1941
Total	**2.0300e-003**	**0.0180**	**0.0160**	**8.0000e-005**	**5.4800e-003**	**5.0000e-005**	**5.5200e-003**	**1.4800e-003**	**4.0000e-005**	**1.5200e-003**	**0.0000**	**7.4653**	**7.4653**	**3.1000e-004**	**0.0000**	**7.4729**

3.3 Fence Installation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0416	0.3045	0.4163	6.1000e-004		0.0122	0.0122		0.0116	0.0116	0.0000	49.1922	49.1922	0.0111	0.0000	49.4702
Total	**0.0416**	**0.3045**	**0.4163**	**6.1000e-004**		**0.0122**	**0.0122**		**0.0116**	**0.0116**	**0.0000**	**49.1922**	**49.1922**	**0.0111**	**0.0000**	**49.4702**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7000e-004	0.0168	4.8900e-003	4.0000e-005	1.0500e-003	2.0000e-005	1.0700e-003	3.0000e-004	2.0000e-005	3.2000e-004	0.0000	4.2731	4.2731	2.3000e-004	0.0000	4.2788
Worker	1.5600e-003	1.1900e-003	0.0111	4.0000e-005	4.4300e-003	3.0000e-005	4.4500e-003	1.1800e-003	2.0000e-005	1.2000e-003	0.0000	3.1922	3.1922	8.0000e-005	0.0000	3.1941
Total	**2.0300e-003**	**0.0180**	**0.0160**	**8.0000e-005**	**5.4800e-003**	**5.0000e-005**	**5.5200e-003**	**1.4800e-003**	**4.0000e-005**	**1.5200e-003**	**0.0000**	**7.4653**	**7.4653**	**3.1000e-004**	**0.0000**	**7.4729**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.594251	0.027045	0.198417	0.112022	0.020557	0.005436	0.012656	0.019692	0.002295	0.001129	0.004655	0.000747	0.001098

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**					**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**					**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Recreational	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Recreational	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

	Total CO2	CH4	N2O	CO2e
Category	MT			
Unmitigated	-68.6400	0.0000	0.0000	-68.6400

11.1 Vegetation Land Change

Vegetation Type

	Initial/Final	Total CO2	CH4	N2O	CO2e
	Acres	MT			
Scrub	4.8 / 0	-68.6400	0.0000	0.0000	-68.6400
Total		**-68.6400**	**0.0000**	**0.0000**	**-68.6400**

Pismo State Beach and Oceano Dunes PWP - 40-Acre Trail Installation

San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	4.80	User Defined Unit	4.80	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only Project.

Land Use - 4.8 acres of trail developed.

Construction Phase - 6-month construction duration of vegetation removal and trail development, followed by fence installation; no building or formal structure construction

Grading -

Trips and VMT - Increased worker trips for fence installation and added vendor trips for material delivery.

Consumer Products - Construction-only Project.

Area Coating - Construction-only Project.

Landscape Equipment - Construction-only Project.

Energy Use -

Land Use Change -

Construction Off-road Equipment Mitigation - Water exposed areas at least twice daily where appropriate.

Off-road Equipment - Site preparation would include manual work and mechanical. Tail installation is light equipment. Reduced CalEEMod defualt equipment to reflect activity.

Off-road Equipment - Building Installation Phase is for fence installation, not an acutal building.

Off-road Equipment - Mix of hand and mechanical work to remove vegetation and develop trails.

Table Name	Column Name	Default Value	New Value
tblLandUse	LotAcreage	0.00	4.80
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Site Preparation
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	0.3790	2.8697	5.7005	8.9300e-003	0.0791	0.1360	0.2151	0.0210	0.1251	0.1461	0.0000	865.7122	865.7122	0.2609	0.0000	872.2357
Maximum	**0.3790**	**2.8697**	**5.7005**	**8.9300e-003**	**0.0791**	**0.1360**	**0.2151**	**0.0210**	**0.1251**	**0.1461**	**0.0000**	**865.7122**	**865.7122**	**0.2609**	**0.0000**	**872.2357**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	0.3790	2.8697	5.7005	8.9300e-003	0.0791	0.1360	0.2151	0.0210	0.1251	0.1461	0.0000	865.7122	865.7122	0.2609	0.0000	872.2356
Maximum	**0.3790**	**2.8697**	**5.7005**	**8.9300e-003**	**0.0791**	**0.1360**	**0.2151**	**0.0210**	**0.1251**	**0.1461**	**0.0000**	**865.7122**	**865.7122**	**0.2609**	**0.0000**	**872.2356**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	5.0000e-005	0.0000	4.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.0500e-003	1.0500e-003	0.0000		1.1200e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**5.0000e-005**	**0.0000**	**4.9000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**1.0500e-003**	**1.0500e-003**	**0.0000**	**0.0000**	**1.1200e-003**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	5.0000e-005	0.0000	4.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.0500e-003	1.0500e-003	0.0000		1.1200e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**5.0000e-005**	**0.0000**	**4.9000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**1.0500e-003**	**1.0500e-003**	**0.0000**	**0.0000**	**1.1200e-003**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2024	1/5/2024	5	5	
2	Fence Installation	Building Construction	1/6/2024	11/22/2024	5	230	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Fence Installation	Cranes	0	7.00	231	0.29
Fence Installation	Forklifts	0	8.00	89	0.20
Fence Installation	Generator Sets	0	8.00	84	0.74
Fence Installation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Fence Installation	Welders	1	8.00	46	0.45
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Fence Installation	2	4.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3242	2.8511	5.5006	8.2900e-003		0.1356	0.1356		0.1247	0.1247		802.0321	802.0321	0.2594		808.5170
Total	**0.3242**	**2.8511**	**5.5006**	**8.2900e-003**	**0.0000**	**0.1356**	**0.1356**	**0.0000**	**0.1247**	**0.1247**		**802.0321**	**802.0321**	**0.2594**		**808.5170**

3.2 Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0264	0.0186	0.1999	6.4000e-004	0.0791	4.5000e-004	0.0795	0.0210	4.2000e-004	0.0214		63.6801	63.6801	1.5500e-003		63.7187
Total	**0.0264**	**0.0186**	**0.1999**	**6.4000e-004**	**0.0791**	**4.5000e-004**	**0.0795**	**0.0210**	**4.2000e-004**	**0.0214**		**63.6801**	**63.6801**	**1.5500e-003**		**63.7187**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3242	2.8511	5.5006	8.2900e-003		0.1356	0.1356		0.1247	0.1247	0.0000	802.0321	802.0321	0.2594		808.5169
Total	**0.3242**	**2.8511**	**5.5006**	**8.2900e-003**	**0.0000**	**0.1356**	**0.1356**	**0.0000**	**0.1247**	**0.1247**	**0.0000**	**802.0321**	**802.0321**	**0.2594**		**808.5169**

3.2 Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0264	0.0186	0.1999	6.4000e-004	0.0791	4.5000e-004	0.0795	0.0210	4.2000e-004	0.0214		63.6801	63.6801	1.5500e-003		63.7187
Total	**0.0264**	**0.0186**	**0.1999**	**6.4000e-004**	**0.0791**	**4.5000e-004**	**0.0795**	**0.0210**	**4.2000e-004**	**0.0214**		**63.6801**	**63.6801**	**1.5500e-003**		**63.7187**

3.3 Fence Installation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3618	2.6480	3.6199	5.2800e-003		0.1056	0.1056		0.1010	0.1010		471.5236	471.5236	0.1066		474.1879
Total	**0.3618**	**2.6480**	**3.6199**	**5.2800e-003**		**0.1056**	**0.1056**		**0.1010**	**0.1010**		**471.5236**	**471.5236**	**0.1066**		**474.1879**

3.3 Fence Installation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9600e-003	0.1452	0.0399	3.9000e-004	9.2900e-003	2.0000e-004	9.4900e-003	2.6800e-003	1.9000e-004	2.8700e-003		41.5137	41.5137	2.1300e-003		41.5669
Worker	0.0132	9.3100e-003	0.1000	3.2000e-004	0.0395	2.3000e-004	0.0398	0.0105	2.1000e-004	0.0107		31.8400	31.8400	7.7000e-004		31.8594
Total	**0.0172**	**0.1545**	**0.1399**	**7.1000e-004**	**0.0488**	**4.3000e-004**	**0.0493**	**0.0132**	**4.0000e-004**	**0.0136**		**73.3537**	**73.3537**	**2.9000e-003**		**73.4263**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3618	2.6480	3.6199	5.2800e-003		0.1056	0.1056		0.1010	0.1010	0.0000	471.5236	471.5236	0.1066		474.1879
Total	**0.3618**	**2.6480**	**3.6199**	**5.2800e-003**		**0.1056**	**0.1056**		**0.1010**	**0.1010**	**0.0000**	**471.5236**	**471.5236**	**0.1066**		**474.1879**

3.3 Fence Installation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9600e-003	0.1452	0.0399	3.9000e-004	9.2900e-003	2.0000e-004	9.4900e-003	2.6800e-003	1.9000e-004	2.8700e-003		41.5137	41.5137	2.1300e-003		41.5669
Worker	0.0132	9.3100e-003	0.1000	3.2000e-004	0.0395	2.3000e-004	0.0398	0.0105	2.1000e-004	0.0107		31.8400	31.8400	7.7000e-004		31.8594
Total	**0.0172**	**0.1545**	**0.1399**	**7.1000e-004**	**0.0488**	**4.3000e-004**	**0.0493**	**0.0132**	**4.0000e-004**	**0.0136**		**73.3537**	**73.3537**	**2.9000e-003**		**73.4263**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.594251	0.027045	0.198417	0.112022	0.020557	0.005436	0.012656	0.019692	0.002295	0.001129	0.004655	0.000747	0.001098

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5.0000e-005	0.0000	4.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.0500e-003	1.0500e-003	0.0000		1.1200e-003
Unmitigated	5.0000e-005	0.0000	4.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.0500e-003	1.0500e-003	0.0000		1.1200e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.0000e-005	0.0000	4.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.0500e-003	1.0500e-003	0.0000		1.1200e-003
Total	**5.0000e-005**	**0.0000**	**4.9000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.0500e-003**	**1.0500e-003**	**0.0000**		**1.1200e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.0000e-005	0.0000	4.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.0500e-003	1.0500e-003	0.0000		1.1200e-003
Total	**5.0000e-005**	**0.0000**	**4.9000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.0500e-003**	**1.0500e-003**	**0.0000**		**1.1200e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - 40-Acre Trail Installation

San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	4.80	User Defined Unit	4.80	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only Project.

Land Use - 4.8 acres of trail developed.

Construction Phase - 6-month construction duration of vegetation removal and trail development, followed by fence installation; no building or formal structure construction

Grading -

Trips and VMT - Increased worker trips for fence installation and added vendor trips for material delivery.

Consumer Products - Construction-only Project.

Area Coating - Construction-only Project.

Landscape Equipment - Construction-only Project.

Energy Use -

Land Use Change -

Construction Off-road Equipment Mitigation - Water exposed areas at least twice daily where appropriate.

Off-road Equipment - Site preparation would include manual work and mechanical. Tail installation is light equipment. Reduced CalEEMod defualt equipment to reflect activity.

Off-road Equipment - Building Installation Phase is for fence installation, not an acutal building.

Off-road Equipment - Mix of hand and mechanical work to remove vegetation and develop trails.

Table Name	Column Name	Default Value	New Value
tblLandUse	LotAcreage	0.00	4.80
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Site Preparation
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	0.3812	2.8722	5.6932	8.9000e-003	0.0791	0.1360	0.2151	0.0210	0.1251	0.1461	0.0000	862.7331	862.7331	0.2609	0.0000	869.2550
Maximum	**0.3812**	**2.8722**	**5.6932**	**8.9000e-003**	**0.0791**	**0.1360**	**0.2151**	**0.0210**	**0.1251**	**0.1461**	**0.0000**	**862.7331**	**862.7331**	**0.2609**	**0.0000**	**869.2550**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	0.3812	2.8722	5.6932	8.9000e-003	0.0791	0.1360	0.2151	0.0210	0.1251	0.1461	0.0000	862.7331	862.7331	0.2609	0.0000	869.2550
Maximum	**0.3812**	**2.8722**	**5.6932**	**8.9000e-003**	**0.0791**	**0.1360**	**0.2151**	**0.0210**	**0.1251**	**0.1461**	**0.0000**	**862.7331**	**862.7331**	**0.2609**	**0.0000**	**869.2550**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	5.0000e-005	0.0000	4.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.0500e-003	1.0500e-003	0.0000		1.1200e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**5.0000e-005**	**0.0000**	**4.9000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**1.0500e-003**	**1.0500e-003**	**0.0000**	**0.0000**	**1.1200e-003**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	5.0000e-005	0.0000	4.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.0500e-003	1.0500e-003	0.0000		1.1200e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**5.0000e-005**	**0.0000**	**4.9000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**1.0500e-003**	**1.0500e-003**	**0.0000**	**0.0000**	**1.1200e-003**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2024	1/5/2024	5	5	
2	Fence Installation	Building Construction	1/6/2024	11/22/2024	5	230	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Fence Installation	Cranes	0	7.00	231	0.29
Fence Installation	Forklifts	0	8.00	89	0.20
Fence Installation	Generator Sets	0	8.00	84	0.74
Fence Installation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Fence Installation	Welders	1	8.00	46	0.45
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Fence Installation	2	4.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3242	2.8511	5.5006	8.2900e-003		0.1356	0.1356		0.1247	0.1247		802.0321	802.0321	0.2594		808.5170
Total	**0.3242**	**2.8511**	**5.5006**	**8.2900e-003**	**0.0000**	**0.1356**	**0.1356**	**0.0000**	**0.1247**	**0.1247**		**802.0321**	**802.0321**	**0.2594**		**808.5170**

3.2 Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0304	0.0211	0.1925	6.1000e-004	0.0791	4.5000e-004	0.0795	0.0210	4.2000e-004	0.0214		60.7010	60.7010	1.4800e-003		60.7380
Total	**0.0304**	**0.0211**	**0.1925**	**6.1000e-004**	**0.0791**	**4.5000e-004**	**0.0795**	**0.0210**	**4.2000e-004**	**0.0214**		**60.7010**	**60.7010**	**1.4800e-003**		**60.7380**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3242	2.8511	5.5006	8.2900e-003		0.1356	0.1356		0.1247	0.1247	0.0000	802.0321	802.0321	0.2594		808.5169
Total	**0.3242**	**2.8511**	**5.5006**	**8.2900e-003**	**0.0000**	**0.1356**	**0.1356**	**0.0000**	**0.1247**	**0.1247**	**0.0000**	**802.0321**	**802.0321**	**0.2594**		**808.5169**

3.2 Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0304	0.0211	0.1925	6.1000e-004	0.0791	4.5000e-004	0.0795	0.0210	4.2000e-004	0.0214		60.7010	60.7010	1.4800e-003		60.7380
Total	**0.0304**	**0.0211**	**0.1925**	**6.1000e-004**	**0.0791**	**4.5000e-004**	**0.0795**	**0.0210**	**4.2000e-004**	**0.0214**		**60.7010**	**60.7010**	**1.4800e-003**		**60.7380**

3.3 Fence Installation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3618	2.6480	3.6199	5.2800e-003		0.1056	0.1056		0.1010	0.1010		471.5236	471.5236	0.1066		474.1879
Total	**0.3618**	**2.6480**	**3.6199**	**5.2800e-003**		**0.1056**	**0.1056**		**0.1010**	**0.1010**		**471.5236**	**471.5236**	**0.1066**		**474.1879**

3.3 Fence Installation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2300e-003	0.1440	0.0448	3.8000e-004	9.2900e-003	2.1000e-004	9.5000e-003	2.6800e-003	2.0000e-004	2.8800e-003		40.1944	40.1944	2.2700e-003		40.2511
Worker	0.0152	0.0106	0.0963	3.0000e-004	0.0395	2.3000e-004	0.0398	0.0105	2.1000e-004	0.0107		30.3505	30.3505	7.4000e-004		30.3690
Total	**0.0195**	**0.1546**	**0.1411**	**6.8000e-004**	**0.0488**	**4.4000e-004**	**0.0493**	**0.0132**	**4.1000e-004**	**0.0136**		**70.5449**	**70.5449**	**3.0100e-003**		**70.6201**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3618	2.6480	3.6199	5.2800e-003		0.1056	0.1056		0.1010	0.1010	0.0000	471.5236	471.5236	0.1066		474.1879
Total	**0.3618**	**2.6480**	**3.6199**	**5.2800e-003**		**0.1056**	**0.1056**		**0.1010**	**0.1010**	**0.0000**	**471.5236**	**471.5236**	**0.1066**		**474.1879**

3.3 Fence Installation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2300e-003	0.1440	0.0448	3.8000e-004	9.2900e-003	2.1000e-004	9.5000e-003	2.6800e-003	2.0000e-004	2.8800e-003		40.1944	40.1944	2.2700e-003		40.2511
Worker	0.0152	0.0106	0.0963	3.0000e-004	0.0395	2.3000e-004	0.0398	0.0105	2.1000e-004	0.0107		30.3505	30.3505	7.4000e-004		30.3690
Total	**0.0195**	**0.1546**	**0.1411**	**6.8000e-004**	**0.0488**	**4.4000e-004**	**0.0493**	**0.0132**	**4.1000e-004**	**0.0136**		**70.5449**	**70.5449**	**3.0100e-003**		**70.6201**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.594251	0.027045	0.198417	0.112022	0.020557	0.005436	0.012656	0.019692	0.002295	0.001129	0.004655	0.000747	0.001098

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5.0000e-005	0.0000	4.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.0500e-003	1.0500e-003	0.0000		1.1200e-003
Unmitigated	5.0000e-005	0.0000	4.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.0500e-003	1.0500e-003	0.0000		1.1200e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.0000e-005	0.0000	4.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.0500e-003	1.0500e-003	0.0000		1.1200e-003
Total	**5.0000e-005**	**0.0000**	**4.9000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.0500e-003**	**1.0500e-003**	**0.0000**		**1.1200e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.0000e-005	0.0000	4.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.0500e-003	1.0500e-003	0.0000		1.1200e-003
Total	**5.0000e-005**	**0.0000**	**4.9000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.0500e-003**	**1.0500e-003**	**0.0000**		**1.1200e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Oso Flaco Boardwalk Replacement

San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	1.00	User Defined Unit	1.50	6,757.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Boardwalk segment spans appx 940 liniar feet, comprising appx 6,757 sq ft.

Construction Phase - Primarily spanning wetland area/over the lake; no typical site prep, grading, paving, arch coating activities. 6-month construction duration.

Off-road Equipment - Removal of boardwalk extending over the water. No dozers requipred. Added crane/other material handling equipment.

Off-road Equipment - Added bore/drill rig.

Demolition -

Consumer Products - Construction-only project.

Area Coating - Construction-only project.

Landscape Equipment - Construction-only project.

Land Use Change -

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	3379	0
tblAreaCoating	Area_Nonresidential_Interior	10136	0
tblConstructionPhase	NumDays	200.00	65.00
tblConstructionPhase	NumDays	20.00	65.00
tblConstructionPhase	PhaseEndDate	11/11/2024	6/28/2024
tblConstructionPhase	PhaseEndDate	1/26/2024	3/29/2024
tblConstructionPhase	PhaseStartDate	2/6/2024	4/1/2024
tblLandUse	LandUseSquareFeet	0.00	6,757.00
tblLandUse	LotAcreage	0.00	1.50
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentType		Other Material Handling Equipment
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.0947	0.7930	0.9722	1.8100e-003	8.1600e-003	0.0339	0.0421	1.9200e-003	0.0321	0.0341	0.0000	155.1464	155.1464	0.0345	0.0000	156.0096
Maximum	**0.0947**	**0.7930**	**0.9722**	**1.8100e-003**	**8.1600e-003**	**0.0339**	**0.0421**	**1.9200e-003**	**0.0321**	**0.0341**	**0.0000**	**155.1464**	**155.1464**	**0.0345**	**0.0000**	**156.0096**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.0947	0.7930	0.9722	1.8100e-003	8.1600e-003	0.0339	0.0421	1.9200e-003	0.0321	0.0341	0.0000	155.1462	155.1462	0.0345	0.0000	156.0094
Maximum	**0.0947**	**0.7930**	**0.9722**	**1.8100e-003**	**8.1600e-003**	**0.0339**	**0.0421**	**1.9200e-003**	**0.0321**	**0.0341**	**0.0000**	**155.1462**	**155.1462**	**0.0345**	**0.0000**	**156.0094**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2024**	**3-31-2024**	0.4349	0.4349
2	**4-1-2024**	**6-30-2024**	0.4334	0.4334
		Highest	0.4349	0.4349

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0264					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0264**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0264					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0264**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2024	3/29/2024	5	65	
2	Building Construction	Building Construction	4/1/2024	6/28/2024	5	65	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Cranes	1	8.00	231	0.29
Building Construction	Bore/Drill Rigs	1	4.00	221	0.50
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Demolition	Other Material Handling Equipment	1	8.00	168	0.40
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	20.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	3.00	1.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.2100e-003	0.0000	2.2100e-003	3.3000e-004	0.0000	3.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0430	0.3967	0.5168	8.8000e-004		0.0182	0.0182		0.0170	0.0170	0.0000	77.1421	77.1421	0.0201	0.0000	77.6453
Total	**0.0430**	**0.3967**	**0.5168**	**8.8000e-004**	**2.2100e-003**	**0.0182**	**0.0204**	**3.3000e-004**	**0.0170**	**0.0174**	**0.0000**	**77.1421**	**77.1421**	**0.0201**	**0.0000**	**77.6453**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0000e-005	1.8500e-003	5.7000e-004	1.0000e-005	1.7000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.7261	0.7261	4.0000e-005	0.0000	0.7272
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6500e-003	1.2600e-003	0.0117	4.0000e-005	4.6900e-003	3.0000e-005	4.7200e-003	1.2500e-003	3.0000e-005	1.2700e-003	0.0000	3.3830	3.3830	8.0000e-005	0.0000	3.3851
Total	**1.7000e-003**	**3.1100e-003**	**0.0123**	**5.0000e-005**	**4.8600e-003**	**3.0000e-005**	**4.9000e-003**	**1.3000e-003**	**3.0000e-005**	**1.3200e-003**	**0.0000**	**4.1091**	**4.1091**	**1.2000e-004**	**0.0000**	**4.1123**

3.2 Demolition - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.2100e-003	0.0000	2.2100e-003	3.3000e-004	0.0000	3.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0430	0.3967	0.5168	8.8000e-004		0.0182	0.0182		0.0170	0.0170	0.0000	77.1420	77.1420	0.0201	0.0000	77.6452
Total	**0.0430**	**0.3967**	**0.5168**	**8.8000e-004**	**2.2100e-003**	**0.0182**	**0.0204**	**3.3000e-004**	**0.0170**	**0.0174**	**0.0000**	**77.1420**	**77.1420**	**0.0201**	**0.0000**	**77.6452**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0000e-005	1.8500e-003	5.7000e-004	1.0000e-005	1.7000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.7261	0.7261	4.0000e-005	0.0000	0.7272
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6500e-003	1.2600e-003	0.0117	4.0000e-005	4.6900e-003	3.0000e-005	4.7200e-003	1.2500e-003	3.0000e-005	1.2700e-003	0.0000	3.3830	3.3830	8.0000e-005	0.0000	3.3851
Total	**1.7000e-003**	**3.1100e-003**	**0.0123**	**5.0000e-005**	**4.8600e-003**	**3.0000e-005**	**4.9000e-003**	**1.3000e-003**	**3.0000e-005**	**1.3200e-003**	**0.0000**	**4.1091**	**4.1091**	**1.2000e-004**	**0.0000**	**4.1123**

3.3 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0496	0.3906	0.4401	8.7000e-004		0.0157	0.0157		0.0151	0.0151	0.0000	72.6148	72.6148	0.0142	0.0000	72.9705
Total	**0.0496**	**0.3906**	**0.4401**	**8.7000e-004**		**0.0157**	**0.0157**		**0.0151**	**0.0151**	**0.0000**	**72.6148**	**72.6148**	**0.0142**	**0.0000**	**72.9705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-005	2.3700e-003	6.9000e-004	1.0000e-005	1.5000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	5.0000e-005	0.0000	0.6038	0.6038	3.0000e-005	0.0000	0.6046
Worker	3.3000e-004	2.5000e-004	2.3400e-003	1.0000e-005	9.4000e-004	1.0000e-005	9.4000e-004	2.5000e-004	1.0000e-005	2.5000e-004	0.0000	0.6766	0.6766	2.0000e-005	0.0000	0.6770
Total	**4.0000e-004**	**2.6200e-003**	**3.0300e-003**	**2.0000e-005**	**1.0900e-003**	**1.0000e-005**	**1.0900e-003**	**2.9000e-004**	**1.0000e-005**	**3.0000e-004**	**0.0000**	**1.2804**	**1.2804**	**5.0000e-005**	**0.0000**	**1.2816**

3.3 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0496	0.3906	0.4401	8.7000e-004		0.0157	0.0157		0.0151	0.0151	0.0000	72.6147	72.6147	0.0142	0.0000	72.9704
Total	**0.0496**	**0.3906**	**0.4401**	**8.7000e-004**		**0.0157**	**0.0157**		**0.0151**	**0.0151**	**0.0000**	**72.6147**	**72.6147**	**0.0142**	**0.0000**	**72.9704**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-005	2.3700e-003	6.9000e-004	1.0000e-005	1.5000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	5.0000e-005	0.0000	0.6038	0.6038	3.0000e-005	0.0000	0.6046
Worker	3.3000e-004	2.5000e-004	2.3400e-003	1.0000e-005	9.4000e-004	1.0000e-005	9.4000e-004	2.5000e-004	1.0000e-005	2.5000e-004	0.0000	0.6766	0.6766	2.0000e-005	0.0000	0.6770
Total	**4.0000e-004**	**2.6200e-003**	**3.0300e-003**	**2.0000e-005**	**1.0900e-003**	**1.0000e-005**	**1.0900e-003**	**2.9000e-004**	**1.0000e-005**	**3.0000e-004**	**0.0000**	**1.2804**	**1.2804**	**5.0000e-005**	**0.0000**	**1.2816**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.594251	0.027045	0.198417	0.112022	0.020557	0.005436	0.012656	0.019692	0.002295	0.001129	0.004655	0.000747	0.001098

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0264					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0264					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0264					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0264**					**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0264					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0264**					**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Recreational	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Recreational	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Oso Flaco Boardwalk Replacement

San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	1.00	User Defined Unit	1.50	6,757.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Pismo State Beach and Oceano Dunes PWP - Oso Flaco Boardwalk Replacement - San Luis Obispo County, Summer

Project Characteristics -

Land Use - Boardwalk segment spans appx 940 liniar feet, comprising appx 6,757 sq ft.

Construction Phase - Primarily spanning wetland area/over the lake; no typical site prep, grading, paving, arch coating activities. 6-month construction duration.

Off-road Equipment - Removal of boardwalk extending over the water. No dozers requipred. Added crane/other material handling equipment.

Off-road Equipment - Added bore/drill rig.

Demolition -

Consumer Products - Construction-only project.

Area Coating - Construction-only project.

Landscape Equipment - Construction-only project.

Land Use Change -

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	3379	0
tblAreaCoating	Area_Nonresidential_Interior	10136	0
tblConstructionPhase	NumDays	200.00	65.00
tblConstructionPhase	NumDays	20.00	65.00
tblConstructionPhase	PhaseEndDate	11/11/2024	6/28/2024
tblConstructionPhase	PhaseEndDate	1/26/2024	3/29/2024
tblConstructionPhase	PhaseStartDate	2/6/2024	4/1/2024
tblLandUse	LandUseSquareFeet	0.00	6,757.00
tblLandUse	LotAcreage	0.00	1.50
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentType		Other Material Handling Equipment
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	1.5377	12.2966	16.2938	0.0286	0.2216	0.5610	0.7826	0.0511	0.5250	0.5760	0.0000	2,760.6416	2,760.6416	0.6871	0.0000	2,777.8178
Maximum	**1.5377**	**12.2966**	**16.2938**	**0.0286**	**0.2216**	**0.5610**	**0.7826**	**0.0511**	**0.5250**	**0.5760**	**0.0000**	**2,760.6416**	**2,760.6416**	**0.6871**	**0.0000**	**2,777.8178**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	1.5377	12.2966	16.2938	0.0286	0.2216	0.5610	0.7826	0.0511	0.5250	0.5760	0.0000	2,760.6416	2,760.6416	0.6871	0.0000	2,777.8178
Maximum	**1.5377**	**12.2966**	**16.2938**	**0.0286**	**0.2216**	**0.5610**	**0.7826**	**0.0511**	**0.5250**	**0.5760**	**0.0000**	**2,760.6416**	**2,760.6416**	**0.6871**	**0.0000**	**2,777.8178**

Pismo State Beach and Oceano Dunes PWP - Oso Flaco Boardwalk Replacement - San Luis Obispo County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.1446	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.1446**	**0.0000**	**1.0000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**2.2000e-004**	**2.2000e-004**	**0.0000**	**0.0000**	**2.3000e-004**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.1446	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.1446**	**0.0000**	**1.0000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**2.2000e-004**	**2.2000e-004**	**0.0000**	**0.0000**	**2.3000e-004**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2024	3/29/2024	5	65	
2	Building Construction	Building Construction	4/1/2024	6/28/2024	5	65	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Cranes	1	8.00	231	0.29
Building Construction	Bore/Drill Rigs	1	4.00	221	0.50
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Demolition	Other Material Handling Equipment	1	8.00	168	0.40
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	20.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	3.00	1.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0680	0.0000	0.0680	0.0103	0.0000	0.0103			0.0000			0.0000
Off-Road	1.3233	12.2054	15.9019	0.0272		0.5600	0.5600		0.5240	0.5240		2,616.4489	2,616.4489	0.6827		2,633.5162
Total	**1.3233**	**12.2054**	**15.9019**	**0.0272**	**0.0680**	**0.5600**	**0.6280**	**0.0103**	**0.5240**	**0.5343**		**2,616.4489**	**2,616.4489**	**0.6827**		**2,633.5162**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.5900e-003	0.0562	0.0171	2.3000e-004	5.3800e-003	1.4000e-004	5.5200e-003	1.4700e-003	1.3000e-004	1.6100e-003		24.7925	24.7925	1.4600e-003		24.8291
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0495	0.0349	0.3748	1.2000e-003	0.1483	8.5000e-004	0.1491	0.0393	7.8000e-004	0.0401		119.4001	119.4001	2.9000e-003		119.4726
Total	**0.0511**	**0.0912**	**0.3919**	**1.4300e-003**	**0.1537**	**9.9000e-004**	**0.1547**	**0.0408**	**9.1000e-004**	**0.0417**		**144.1926**	**144.1926**	**4.3600e-003**		**144.3016**

3.2 Demolition - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0680	0.0000	0.0680	0.0103	0.0000	0.0103			0.0000			0.0000
Off-Road	1.3233	12.2054	15.9019	0.0272		0.5600	0.5600		0.5240	0.5240	0.0000	2,616.4489	2,616.4489	0.6827		2,633.5162
Total	**1.3233**	**12.2054**	**15.9019**	**0.0272**	**0.0680**	**0.5600**	**0.6280**	**0.0103**	**0.5240**	**0.5343**	**0.0000**	**2,616.4489**	**2,616.4489**	**0.6827**		**2,633.5162**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.5900e-003	0.0562	0.0171	2.3000e-004	5.3800e-003	1.4000e-004	5.5200e-003	1.4700e-003	1.3000e-004	1.6100e-003		24.7925	24.7925	1.4600e-003		24.8291
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0495	0.0349	0.3748	1.2000e-003	0.1483	8.5000e-004	0.1491	0.0393	7.8000e-004	0.0401		119.4001	119.4001	2.9000e-003		119.4726
Total	**0.0511**	**0.0912**	**0.3919**	**1.4300e-003**	**0.1537**	**9.9000e-004**	**0.1547**	**0.0408**	**9.1000e-004**	**0.0417**		**144.1926**	**144.1926**	**4.3600e-003**		**144.3016**

3.3 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5258	12.0191	13.5415	0.0268		0.4821	0.4821		0.4637	0.4637		2,462.8965	2,462.8965	0.4825		2,474.9585
Total	**1.5258**	**12.0191**	**13.5415**	**0.0268**		**0.4821**	**0.4821**		**0.4637**	**0.4637**		**2,462.8965**	**2,462.8965**	**0.4825**		**2,474.9585**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9800e-003	0.0726	0.0200	1.9000e-004	4.6500e-003	1.0000e-004	4.7500e-003	1.3400e-003	1.0000e-004	1.4300e-003		20.7568	20.7568	1.0600e-003		20.7835
Worker	9.9100e-003	6.9900e-003	0.0750	2.4000e-004	0.0297	1.7000e-004	0.0298	7.8700e-003	1.6000e-004	8.0200e-003		23.8800	23.8800	5.8000e-004		23.8945
Total	**0.0119**	**0.0796**	**0.0949**	**4.3000e-004**	**0.0343**	**2.7000e-004**	**0.0346**	**9.2100e-003**	**2.6000e-004**	**9.4500e-003**		**44.6369**	**44.6369**	**1.6400e-003**		**44.6780**

3.3 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5258	12.0191	13.5415	0.0268		0.4821	0.4821		0.4637	0.4637	0.0000	2,462.8965	2,462.8965	0.4825		2,474.9585
Total	**1.5258**	**12.0191**	**13.5415**	**0.0268**		**0.4821**	**0.4821**		**0.4637**	**0.4637**	**0.0000**	**2,462.8965**	**2,462.8965**	**0.4825**		**2,474.9585**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9800e-003	0.0726	0.0200	1.9000e-004	4.6500e-003	1.0000e-004	4.7500e-003	1.3400e-003	1.0000e-004	1.4300e-003		20.7568	20.7568	1.0600e-003		20.7835
Worker	9.9100e-003	6.9900e-003	0.0750	2.4000e-004	0.0297	1.7000e-004	0.0298	7.8700e-003	1.6000e-004	8.0200e-003		23.8800	23.8800	5.8000e-004		23.8945
Total	**0.0119**	**0.0796**	**0.0949**	**4.3000e-004**	**0.0343**	**2.7000e-004**	**0.0346**	**9.2100e-003**	**2.6000e-004**	**9.4500e-003**		**44.6369**	**44.6369**	**1.6400e-003**		**44.6780**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.594251	0.027045	0.198417	0.112022	0.020557	0.005436	0.012656	0.019692	0.002295	0.001129	0.004655	0.000747	0.001098

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.1446	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Unmitigated	0.1446	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	**0.1446**	**0.0000**	**1.0000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.2000e-004**	**2.2000e-004**	**0.0000**		**2.3000e-004**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	**0.1446**	**0.0000**	**1.0000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.2000e-004**	**2.2000e-004**	**0.0000**		**2.3000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Oso Flaco Boardwalk Replacement

San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	1.00	User Defined Unit	1.50	6,757.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Pismo State Beach and Oceano Dunes PWP - Oso Flaco Boardwalk Replacement - San Luis Obispo County, Winter

Project Characteristics -

Land Use - Boardwalk segment spans appx 940 liniar feet, comprising appx 6,757 sq ft.

Construction Phase - Primarily spanning wetland area/over the lake; no typical site prep, grading, paving, arch coating activities. 6-month construction duration.

Off-road Equipment - Removal of boardwalk extending over the water. No dozers requipred. Added crane/other material handling equipment.

Off-road Equipment - Added bore/drill rig.

Demolition -

Consumer Products - Construction-only project.

Area Coating - Construction-only project.

Landscape Equipment - Construction-only project.

Land Use Change -

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	3379	0
tblAreaCoating	Area_Nonresidential_Interior	10136	0
tblConstructionPhase	NumDays	200.00	65.00
tblConstructionPhase	NumDays	20.00	65.00
tblConstructionPhase	PhaseEndDate	11/11/2024	6/28/2024
tblConstructionPhase	PhaseEndDate	1/26/2024	3/29/2024
tblConstructionPhase	PhaseStartDate	2/6/2024	4/1/2024
tblLandUse	LandUseSquareFeet	0.00	6,757.00
tblLandUse	LotAcreage	0.00	1.50
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentType		Other Material Handling Equipment
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	1.5393	12.3014	16.2808	0.0285	0.2216	0.5610	0.7826	0.0511	0.5250	0.5760	0.0000	2,754.6637	2,754.6637	0.6870	0.0000	2,771.8379
Maximum	**1.5393**	**12.3014**	**16.2808**	**0.0285**	**0.2216**	**0.5610**	**0.7826**	**0.0511**	**0.5250**	**0.5760**	**0.0000**	**2,754.6637**	**2,754.6637**	**0.6870**	**0.0000**	**2,771.8379**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	1.5393	12.3014	16.2808	0.0285	0.2216	0.5610	0.7826	0.0511	0.5250	0.5760	0.0000	2,754.6637	2,754.6637	0.6870	0.0000	2,771.8379
Maximum	**1.5393**	**12.3014**	**16.2808**	**0.0285**	**0.2216**	**0.5610**	**0.7826**	**0.0511**	**0.5250**	**0.5760**	**0.0000**	**2,754.6637**	**2,754.6637**	**0.6870**	**0.0000**	**2,771.8379**

Pismo State Beach and Oceano Dunes PWP - Oso Flaco Boardwalk Replacement - San Luis Obispo County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.1446	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.1446**	**0.0000**	**1.0000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**2.2000e-004**	**2.2000e-004**	**0.0000**	**0.0000**	**2.3000e-004**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.1446	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.1446**	**0.0000**	**1.0000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**2.2000e-004**	**2.2000e-004**	**0.0000**	**0.0000**	**2.3000e-004**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2024	3/29/2024	5	65	
2	Building Construction	Building Construction	4/1/2024	6/28/2024	5	65	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Cranes	1	8.00	231	0.29
Building Construction	Bore/Drill Rigs	1	4.00	221	0.50
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Demolition	Other Material Handling Equipment	1	8.00	168	0.40
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	20.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	3.00	1.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0680	0.0000	0.0680	0.0103	0.0000	0.0103			0.0000			0.0000
Off-Road	1.3233	12.2054	15.9019	0.0272		0.5600	0.5600		0.5240	0.5240		2,616.4489	2,616.4489	0.6827		2,633.5162
Total	**1.3233**	**12.2054**	**15.9019**	**0.0272**	**0.0680**	**0.5600**	**0.6280**	**0.0103**	**0.5240**	**0.5343**		**2,616.4489**	**2,616.4489**	**0.6827**		**2,633.5162**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.6300e-003	0.0563	0.0180	2.2000e-004	5.3800e-003	1.4000e-004	5.5200e-003	1.4700e-003	1.4000e-004	1.6100e-003		24.4004	24.4004	1.5000e-003		24.4379
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0571	0.0396	0.3610	1.1400e-003	0.1483	8.5000e-004	0.1491	0.0393	7.8000e-004	0.0401		113.8144	113.8144	2.7800e-003		113.8838
Total	**0.0587**	**0.0959**	**0.3790**	**1.3600e-003**	**0.1537**	**9.9000e-004**	**0.1547**	**0.0408**	**9.2000e-004**	**0.0417**		**138.2148**	**138.2148**	**4.2800e-003**		**138.3217**

3.2 Demolition - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0680	0.0000	0.0680	0.0103	0.0000	0.0103			0.0000			0.0000
Off-Road	1.3233	12.2054	15.9019	0.0272		0.5600	0.5600		0.5240	0.5240	0.0000	2,616.4489	2,616.4489	0.6827		2,633.5162
Total	**1.3233**	**12.2054**	**15.9019**	**0.0272**	**0.0680**	**0.5600**	**0.6280**	**0.0103**	**0.5240**	**0.5343**	**0.0000**	**2,616.4489**	**2,616.4489**	**0.6827**		**2,633.5162**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.6300e-003	0.0563	0.0180	2.2000e-004	5.3800e-003	1.4000e-004	5.5200e-003	1.4700e-003	1.4000e-004	1.6100e-003		24.4004	24.4004	1.5000e-003		24.4379
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0571	0.0396	0.3610	1.1400e-003	0.1483	8.5000e-004	0.1491	0.0393	7.8000e-004	0.0401		113.8144	113.8144	2.7800e-003		113.8838
Total	**0.0587**	**0.0959**	**0.3790**	**1.3600e-003**	**0.1537**	**9.9000e-004**	**0.1547**	**0.0408**	**9.2000e-004**	**0.0417**		**138.2148**	**138.2148**	**4.2800e-003**		**138.3217**

3.3 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5258	12.0191	13.5415	0.0268		0.4821	0.4821		0.4637	0.4637		2,462.8965	2,462.8965	0.4825		2,474.9585
Total	**1.5258**	**12.0191**	**13.5415**	**0.0268**		**0.4821**	**0.4821**		**0.4637**	**0.4637**		**2,462.8965**	**2,462.8965**	**0.4825**		**2,474.9585**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1100e-003	0.0720	0.0224	1.9000e-004	4.6500e-003	1.0000e-004	4.7500e-003	1.3400e-003	1.0000e-004	1.4400e-003		20.0972	20.0972	1.1400e-003		20.1256
Worker	0.0114	7.9200e-003	0.0722	2.3000e-004	0.0297	1.7000e-004	0.0298	7.8700e-003	1.6000e-004	8.0200e-003		22.7629	22.7629	5.6000e-004		22.7768
Total	**0.0135**	**0.0799**	**0.0946**	**4.2000e-004**	**0.0343**	**2.7000e-004**	**0.0346**	**9.2100e-003**	**2.6000e-004**	**9.4600e-003**		**42.8601**	**42.8601**	**1.7000e-003**		**42.9023**

3.3 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5258	12.0191	13.5415	0.0268		0.4821	0.4821		0.4637	0.4637	0.0000	2,462.8965	2,462.8965	0.4825		2,474.9585
Total	**1.5258**	**12.0191**	**13.5415**	**0.0268**		**0.4821**	**0.4821**		**0.4637**	**0.4637**	**0.0000**	**2,462.8965**	**2,462.8965**	**0.4825**		**2,474.9585**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1100e-003	0.0720	0.0224	1.9000e-004	4.6500e-003	1.0000e-004	4.7500e-003	1.3400e-003	1.0000e-004	1.4400e-003		20.0972	20.0972	1.1400e-003		20.1256
Worker	0.0114	7.9200e-003	0.0722	2.3000e-004	0.0297	1.7000e-004	0.0298	7.8700e-003	1.6000e-004	8.0200e-003		22.7629	22.7629	5.6000e-004		22.7768
Total	**0.0135**	**0.0799**	**0.0946**	**4.2000e-004**	**0.0343**	**2.7000e-004**	**0.0346**	**9.2100e-003**	**2.6000e-004**	**9.4600e-003**		**42.8601**	**42.8601**	**1.7000e-003**		**42.9023**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.594251	0.027045	0.198417	0.112022	0.020557	0.005436	0.012656	0.019692	0.002295	0.001129	0.004655	0.000747	0.001098

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.1446	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Unmitigated	0.1446	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	**0.1446**	**0.0000**	**1.0000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.2000e-004**	**2.2000e-004**	**0.0000**		**2.3000e-004**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	**0.1446**	**0.0000**	**1.0000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.2000e-004**	**2.2000e-004**	**0.0000**		**2.3000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach & Oceano Dunes SVRA PWP - Park Corporation Yard

San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	6.48	1000sqft	0.15	6,480.00	0
Parking Lot	4.17	Acre	4.17	181,645.20	0
Other Asphalt Surfaces	0.80	Acre	0.80	34,848.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2026
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	294	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Utility CO2 intensity factor based on PG&E 2018 Corporate Responsibility and Sustainability Report.

Land Use -

Construction Phase - Estimated total construction would be 9 months. Reduced building construction phase to reflect this.

Demolition -

Vehicle Trips - No change in operational vehicle trips.

Energy Use -

Land Use Change -

Construction Off-road Equipment Mitigation - Assume watering exposed areas at least twice daily.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	230.00	105.00
tblConstructionPhase	PhaseEndDate	3/24/2026	9/30/2025
tblConstructionPhase	PhaseEndDate	1/27/2026	8/5/2025
tblConstructionPhase	PhaseEndDate	2/24/2026	9/2/2025
tblConstructionPhase	PhaseStartDate	2/25/2026	9/3/2025
tblConstructionPhase	PhaseStartDate	1/28/2026	8/6/2025
tblProjectCharacteristics	CO2IntensityFactor	641.35	294
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	WD_TR	11.03	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2025	0.2798	1.3782	1.6021	3.3500e-003	0.2230	0.0531	0.2761	0.1009	0.0495	0.1505	0.0000	295.7179	295.7179	0.0615	0.0000	297.2541
Maximum	**0.2798**	**1.3782**	**1.6021**	**3.3500e-003**	**0.2230**	**0.0531**	**0.2761**	**0.1009**	**0.0495**	**0.1505**	**0.0000**	**295.7179**	**295.7179**	**0.0615**	**0.0000**	**297.2541**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2025	0.2798	1.3782	1.6021	3.3500e-003	0.1351	0.0531	0.1882	0.0548	0.0495	0.1043	0.0000	295.7176	295.7176	0.0615	0.0000	297.2538
Maximum	**0.2798**	**1.3782**	**1.6021**	**3.3500e-003**	**0.1351**	**0.0531**	**0.1882**	**0.0548**	**0.0495**	**0.1043**	**0.0000**	**295.7176**	**295.7176**	**0.0615**	**0.0000**	**297.2538**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**39.42**	**0.00**	**31.84**	**45.74**	**0.00**	**30.68**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2025**	**3-31-2025**	0.6474	0.6474
2	**4-1-2025**	**6-30-2025**	0.5533	0.5533
3	**7-1-2025**	**9-30-2025**	0.4555	0.4555
		Highest	0.6474	0.6474

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0513	0.0000	1.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.8000e-004	3.8000e-004	0.0000	0.0000	4.0000e-004
Energy	5.7000e-004	5.2000e-003	4.3700e-003	3.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	29.5467	29.5467	2.4600e-003	5.9000e-004	29.7845
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1.2240	0.0000	1.2240	0.0723	0.0000	3.0325
Water						0.0000	0.0000		0.0000	0.0000	0.3654	1.1605	1.5259	0.0376	9.1000e-004	2.7381
Total	**0.0519**	**5.2000e-003**	**4.5600e-003**	**3.0000e-005**	**0.0000**	**4.0000e-004**	**4.0000e-004**	**0.0000**	**4.0000e-004**	**4.0000e-004**	**1.5894**	**30.7076**	**32.2970**	**0.1124**	**1.5000e-003**	**35.5555**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0513	0.0000	1.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.8000e-004	3.8000e-004	0.0000	0.0000	4.0000e-004
Energy	5.7000e-004	5.2000e-003	4.3700e-003	3.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	29.5467	29.5467	2.4600e-003	5.9000e-004	29.7845
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1.2240	0.0000	1.2240	0.0723	0.0000	3.0325
Water						0.0000	0.0000		0.0000	0.0000	0.3654	1.1605	1.5259	0.0376	9.1000e-004	2.7381
Total	**0.0519**	**5.2000e-003**	**4.5600e-003**	**3.0000e-005**	**0.0000**	**4.0000e-004**	**4.0000e-004**	**0.0000**	**4.0000e-004**	**4.0000e-004**	**1.5894**	**30.7076**	**32.2970**	**0.1124**	**1.5000e-003**	**35.5555**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.3 Vegetation

Vegetation

	CO2e
Category	MT
Vegetation Land Change	-50.6962
Total	**-50.6962**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2025	1/28/2025	5	20	
2	Site Preparation	Site Preparation	1/29/2025	2/11/2025	5	10	
3	Grading	Grading	2/12/2025	3/11/2025	5	20	
4	Building Construction	Building Construction	3/12/2025	8/5/2025	5	105	
5	Paving	Paving	8/6/2025	9/2/2025	5	20	
6	Architectural Coating	Architectural Coating	9/3/2025	9/30/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 4.97

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 9,720; Non-Residential Outdoor: 3,240; Striped Parking Area: 12,990 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	1	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	36.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	93.00	37.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	19.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.9800e-003	0.0000	3.9800e-003	6.0000e-004	0.0000	6.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0209	0.1920	0.1942	3.9000e-004		8.5300e-003	8.5300e-003		7.9200e-003	7.9200e-003	0.0000	33.9977	33.9977	9.4900e-003	0.0000	34.2350
Total	**0.0209**	**0.1920**	**0.1942**	**3.9000e-004**	**3.9800e-003**	**8.5300e-003**	**0.0125**	**6.0000e-004**	**7.9200e-003**	**8.5200e-003**	**0.0000**	**33.9977**	**33.9977**	**9.4900e-003**	**0.0000**	**34.2350**

3.2 Demolition - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.0000e-005	3.1900e-003	1.0100e-003	1.0000e-005	3.1000e-004	1.0000e-005	3.2000e-004	8.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.2986	1.2986	8.0000e-005	0.0000	1.3006
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8000e-004	3.5000e-004	3.3200e-003	1.0000e-005	1.4400e-003	1.0000e-005	1.4500e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	0.9992	0.9992	2.0000e-005	0.0000	0.9998
Total	**5.7000e-004**	**3.5400e-003**	**4.3300e-003**	**2.0000e-005**	**1.7500e-003**	**2.0000e-005**	**1.7700e-003**	**4.6000e-004**	**2.0000e-005**	**4.8000e-004**	**0.0000**	**2.2978**	**2.2978**	**1.0000e-004**	**0.0000**	**2.3004**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.7900e-003	0.0000	1.7900e-003	2.7000e-004	0.0000	2.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0209	0.1920	0.1942	3.9000e-004		8.5300e-003	8.5300e-003		7.9200e-003	7.9200e-003	0.0000	33.9976	33.9976	9.4900e-003	0.0000	34.2349
Total	**0.0209**	**0.1920**	**0.1942**	**3.9000e-004**	**1.7900e-003**	**8.5300e-003**	**0.0103**	**2.7000e-004**	**7.9200e-003**	**8.1900e-003**	**0.0000**	**33.9976**	**33.9976**	**9.4900e-003**	**0.0000**	**34.2349**

3.2 Demolition - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.0000e-005	3.1900e-003	1.0100e-003	1.0000e-005	3.1000e-004	1.0000e-005	3.2000e-004	8.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.2986	1.2986	8.0000e-005	0.0000	1.3006
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8000e-004	3.5000e-004	3.3200e-003	1.0000e-005	1.4400e-003	1.0000e-005	1.4500e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	0.9992	0.9992	2.0000e-005	0.0000	0.9998
Total	**5.7000e-004**	**3.5400e-003**	**4.3300e-003**	**2.0000e-005**	**1.7500e-003**	**2.0000e-005**	**1.7700e-003**	**4.6000e-004**	**2.0000e-005**	**4.8000e-004**	**0.0000**	**2.2978**	**2.2978**	**1.0000e-004**	**0.0000**	**2.3004**

3.3 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0124	0.1262	0.0896	1.9000e-004		5.4300e-003	5.4300e-003		5.0000e-003	5.0000e-003	0.0000	16.7335	16.7335	5.4100e-003	0.0000	16.8688
Total	**0.0124**	**0.1262**	**0.0896**	**1.9000e-004**	**0.0903**	**5.4300e-003**	**0.0958**	**0.0497**	**5.0000e-003**	**0.0547**	**0.0000**	**16.7335**	**16.7335**	**5.4100e-003**	**0.0000**	**16.8688**

3.3 Site Preparation - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9000e-004	2.1000e-004	1.9900e-003	1.0000e-005	8.7000e-004	0.0000	8.7000e-004	2.3000e-004	0.0000	2.3000e-004	0.0000	0.5995	0.5995	1.0000e-005	0.0000	0.5999
Total	**2.9000e-004**	**2.1000e-004**	**1.9900e-003**	**1.0000e-005**	**8.7000e-004**	**0.0000**	**8.7000e-004**	**2.3000e-004**	**0.0000**	**2.3000e-004**	**0.0000**	**0.5995**	**0.5995**	**1.0000e-005**	**0.0000**	**0.5999**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0407	0.0000	0.0407	0.0223	0.0000	0.0223	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0124	0.1262	0.0896	1.9000e-004		5.4300e-003	5.4300e-003		5.0000e-003	5.0000e-003	0.0000	16.7335	16.7335	5.4100e-003	0.0000	16.8688
Total	**0.0124**	**0.1262**	**0.0896**	**1.9000e-004**	**0.0407**	**5.4300e-003**	**0.0461**	**0.0223**	**5.0000e-003**	**0.0273**	**0.0000**	**16.7335**	**16.7335**	**5.4100e-003**	**0.0000**	**16.8688**

3.3 Site Preparation - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9000e-004	2.1000e-004	1.9900e-003	1.0000e-005	8.7000e-004	0.0000	8.7000e-004	2.3000e-004	0.0000	2.3000e-004	0.0000	0.5995	0.5995	1.0000e-005	0.0000	0.5999
Total	**2.9000e-004**	**2.1000e-004**	**1.9900e-003**	**1.0000e-005**	**8.7000e-004**	**0.0000**	**8.7000e-004**	**2.3000e-004**	**0.0000**	**2.3000e-004**	**0.0000**	**0.5995**	**0.5995**	**1.0000e-005**	**0.0000**	**0.5999**

3.4 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0655	0.0000	0.0655	0.0337	0.0000	0.0337	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0152	0.1532	0.1454	3.0000e-004		6.2400e-003	6.2400e-003		5.7400e-003	5.7400e-003	0.0000	26.0698	26.0698	8.4300e-003	0.0000	26.2806
Total	**0.0152**	**0.1532**	**0.1454**	**3.0000e-004**	**0.0655**	**6.2400e-003**	**0.0718**	**0.0337**	**5.7400e-003**	**0.0394**	**0.0000**	**26.0698**	**26.0698**	**8.4300e-003**	**0.0000**	**26.2806**

3.4 Grading - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8000e-004	3.5000e-004	3.3200e-003	1.0000e-005	1.4400e-003	1.0000e-005	1.4500e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	0.9992	0.9992	2.0000e-005	0.0000	0.9998
Total	**4.8000e-004**	**3.5000e-004**	**3.3200e-003**	**1.0000e-005**	**1.4400e-003**	**1.0000e-005**	**1.4500e-003**	**3.8000e-004**	**1.0000e-005**	**3.9000e-004**	**0.0000**	**0.9992**	**0.9992**	**2.0000e-005**	**0.0000**	**0.9998**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0295	0.0000	0.0295	0.0152	0.0000	0.0152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0152	0.1532	0.1454	3.0000e-004		6.2400e-003	6.2400e-003		5.7400e-003	5.7400e-003	0.0000	26.0698	26.0698	8.4300e-003	0.0000	26.2806
Total	**0.0152**	**0.1532**	**0.1454**	**3.0000e-004**	**0.0295**	**6.2400e-003**	**0.0357**	**0.0152**	**5.7400e-003**	**0.0209**	**0.0000**	**26.0698**	**26.0698**	**8.4300e-003**	**0.0000**	**26.2806**

3.4 Grading - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8000e-004	3.5000e-004	3.3200e-003	1.0000e-005	1.4400e-003	1.0000e-005	1.4500e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	0.9992	0.9992	2.0000e-005	0.0000	0.9998
Total	**4.8000e-004**	**3.5000e-004**	**3.3200e-003**	**1.0000e-005**	**1.4400e-003**	**1.0000e-005**	**1.4500e-003**	**3.8000e-004**	**1.0000e-005**	**3.9000e-004**	**0.0000**	**0.9992**	**0.9992**	**2.0000e-005**	**0.0000**	**0.9998**

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0718	0.6547	0.8444	1.4200e-003		0.0277	0.0277		0.0261	0.0261	0.0000	121.7577	121.7577	0.0286	0.0000	122.4733
Total	**0.0718**	**0.6547**	**0.8444**	**1.4200e-003**		**0.0277**	**0.0277**		**0.0261**	**0.0261**	**0.0000**	**121.7577**	**121.7577**	**0.0286**	**0.0000**	**122.4733**

3.5 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7800e-003	0.1386	0.0392	3.7000e-004	8.8300e-003	1.8000e-004	9.0100e-003	2.5500e-003	1.7000e-004	2.7300e-003	0.0000	35.9012	35.9012	1.9400e-003	0.0000	35.9498
Worker	0.0157	0.0115	0.1082	3.6000e-004	0.0470	2.7000e-004	0.0473	0.0125	2.5000e-004	0.0127	0.0000	32.5241	32.5241	7.4000e-004	0.0000	32.5427
Total	**0.0194**	**0.1500**	**0.1474**	**7.3000e-004**	**0.0558**	**4.5000e-004**	**0.0563**	**0.0150**	**4.2000e-004**	**0.0155**	**0.0000**	**68.4253**	**68.4253**	**2.6800e-003**	**0.0000**	**68.4924**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0718	0.6547	0.8444	1.4200e-003		0.0277	0.0277		0.0261	0.0261	0.0000	121.7576	121.7576	0.0286	0.0000	122.4731
Total	**0.0718**	**0.6547**	**0.8444**	**1.4200e-003**		**0.0277**	**0.0277**		**0.0261**	**0.0261**	**0.0000**	**121.7576**	**121.7576**	**0.0286**	**0.0000**	**122.4731**

3.5 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7800e-003	0.1386	0.0392	3.7000e-004	8.8300e-003	1.8000e-004	9.0100e-003	2.5500e-003	1.7000e-004	2.7300e-003	0.0000	35.9012	35.9012	1.9400e-003	0.0000	35.9498
Worker	0.0157	0.0115	0.1082	3.6000e-004	0.0470	2.7000e-004	0.0473	0.0125	2.5000e-004	0.0127	0.0000	32.5241	32.5241	7.4000e-004	0.0000	32.5427
Total	**0.0194**	**0.1500**	**0.1474**	**7.3000e-004**	**0.0558**	**4.5000e-004**	**0.0563**	**0.0150**	**4.2000e-004**	**0.0155**	**0.0000**	**68.4253**	**68.4253**	**2.6800e-003**	**0.0000**	**68.4924**

3.6 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.1500e-003	0.0858	0.1458	2.3000e-004		4.1900e-003	4.1900e-003		3.8500e-003	3.8500e-003	0.0000	20.0193	20.0193	6.4700e-003	0.0000	20.1811
Paving	6.5100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0157**	**0.0858**	**0.1458**	**2.3000e-004**		**4.1900e-003**	**4.1900e-003**		**3.8500e-003**	**3.8500e-003**	**0.0000**	**20.0193**	**20.0193**	**6.4700e-003**	**0.0000**	**20.1811**

3.6 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8000e-004	3.5000e-004	3.3200e-003	1.0000e-005	1.4400e-003	1.0000e-005	1.4500e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	0.9992	0.9992	2.0000e-005	0.0000	0.9998
Total	**4.8000e-004**	**3.5000e-004**	**3.3200e-003**	**1.0000e-005**	**1.4400e-003**	**1.0000e-005**	**1.4500e-003**	**3.8000e-004**	**1.0000e-005**	**3.9000e-004**	**0.0000**	**0.9992**	**0.9992**	**2.0000e-005**	**0.0000**	**0.9998**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.1500e-003	0.0858	0.1458	2.3000e-004		4.1900e-003	4.1900e-003		3.8500e-003	3.8500e-003	0.0000	20.0192	20.0192	6.4700e-003	0.0000	20.1811
Paving	6.5100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0157**	**0.0858**	**0.1458**	**2.3000e-004**		**4.1900e-003**	**4.1900e-003**		**3.8500e-003**	**3.8500e-003**	**0.0000**	**20.0192**	**20.0192**	**6.4700e-003**	**0.0000**	**20.1811**

3.6 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8000e-004	3.5000e-004	3.3200e-003	1.0000e-005	1.4400e-003	1.0000e-005	1.4500e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	0.9992	0.9992	2.0000e-005	0.0000	0.9998
Total	**4.8000e-004**	**3.5000e-004**	**3.3200e-003**	**1.0000e-005**	**1.4400e-003**	**1.0000e-005**	**1.4500e-003**	**3.8000e-004**	**1.0000e-005**	**3.9000e-004**	**0.0000**	**0.9992**	**0.9992**	**2.0000e-005**	**0.0000**	**0.9998**

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1202					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7100e-003	0.0115	0.0181	3.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5567
Total	**0.1220**	**0.0115**	**0.0181**	**3.0000e-005**		**5.2000e-004**	**5.2000e-004**		**5.2000e-004**	**5.2000e-004**	**0.0000**	**2.5533**	**2.5533**	**1.4000e-004**	**0.0000**	**2.5567**

3.7 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.1000e-004	4.5000e-004	4.2100e-003	1.0000e-005	1.8300e-003	1.0000e-005	1.8400e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.2657	1.2657	3.0000e-005	0.0000	1.2664
Total	**6.1000e-004**	**4.5000e-004**	**4.2100e-003**	**1.0000e-005**	**1.8300e-003**	**1.0000e-005**	**1.8400e-003**	**4.9000e-004**	**1.0000e-005**	**5.0000e-004**	**0.0000**	**1.2657**	**1.2657**	**3.0000e-005**	**0.0000**	**1.2664**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1202					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7100e-003	0.0115	0.0181	3.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5567
Total	**0.1220**	**0.0115**	**0.0181**	**3.0000e-005**		**5.2000e-004**	**5.2000e-004**		**5.2000e-004**	**5.2000e-004**	**0.0000**	**2.5533**	**2.5533**	**1.4000e-004**	**0.0000**	**2.5567**

3.7 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.1000e-004	4.5000e-004	4.2100e-003	1.0000e-005	1.8300e-003	1.0000e-005	1.8400e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.2657	1.2657	3.0000e-005	0.0000	1.2664
Total	**6.1000e-004**	**4.5000e-004**	**4.2100e-003**	**1.0000e-005**	**1.8300e-003**	**1.0000e-005**	**1.8400e-003**	**4.9000e-004**	**1.0000e-005**	**5.0000e-004**	**0.0000**	**1.2657**	**1.2657**	**3.0000e-005**	**0.0000**	**1.2664**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	13.00	5.00	5.00	33.00	48.00	19.00	77	19	4
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.598707	0.026478	0.198533	0.109950	0.019088	0.005179	0.012618	0.019740	0.002283	0.001113	0.004555	0.000739	0.001016
Other Asphalt Surfaces	0.598707	0.026478	0.198533	0.109950	0.019088	0.005179	0.012618	0.019740	0.002283	0.001113	0.004555	0.000739	0.001016
Parking Lot	0.598707	0.026478	0.198533	0.109950	0.019088	0.005179	0.012618	0.019740	0.002283	0.001113	0.004555	0.000739	0.001016

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	23.8860	23.8860	2.3600e-003	4.9000e-004	24.0902
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	23.8860	23.8860	2.3600e-003	4.9000e-004	24.0902
NaturalGas Mitigated	5.7000e-004	5.2000e-003	4.3700e-003	3.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	5.6607	5.6607	1.1000e-004	1.0000e-004	5.6943
NaturalGas Unmitigated	5.7000e-004	5.2000e-003	4.3700e-003	3.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	5.6607	5.6607	1.1000e-004	1.0000e-004	5.6943

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	106078	5.7000e-004	5.2000e-003	4.3700e-003	3.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	5.6607	5.6607	1.1000e-004	1.0000e-004	5.6943
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**5.7000e-004**	**5.2000e-003**	**4.3700e-003**	**3.0000e-005**		**4.0000e-004**	**4.0000e-004**		**4.0000e-004**	**4.0000e-004**	**0.0000**	**5.6607**	**5.6607**	**1.1000e-004**	**1.0000e-004**	**5.6943**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	106078	5.7000e-004	5.2000e-003	4.3700e-003	3.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	5.6607	5.6607	1.1000e-004	1.0000e-004	5.6943
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**5.7000e-004**	**5.2000e-003**	**4.3700e-003**	**3.0000e-005**		**4.0000e-004**	**4.0000e-004**		**4.0000e-004**	**4.0000e-004**	**0.0000**	**5.6607**	**5.6607**	**1.1000e-004**	**1.0000e-004**	**5.6943**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	115538	15.4078	1.5200e-003	3.1000e-004	15.5395
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	63575.8	8.4782	8.4000e-004	1.7000e-004	8.5507
Total		**23.8860**	**2.3600e-003**	**4.8000e-004**	**24.0902**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	115538	15.4078	1.5200e-003	3.1000e-004	15.5395
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	63575.8	8.4782	8.4000e-004	1.7000e-004	8.5507
Total		**23.8860**	**2.3600e-003**	**4.8000e-004**	**24.0902**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0513	0.0000	1.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.8000e-004	3.8000e-004	0.0000	0.0000	4.0000e-004
Unmitigated	0.0513	0.0000	1.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.8000e-004	3.8000e-004	0.0000	0.0000	4.0000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0120					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0393					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	1.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.8000e-004	3.8000e-004	0.0000	0.0000	4.0000e-004
Total	**0.0513**	**0.0000**	**1.9000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**3.8000e-004**	**3.8000e-004**	**0.0000**	**0.0000**	**4.0000e-004**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0120					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0393					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	1.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.8000e-004	3.8000e-004	0.0000	0.0000	4.0000e-004
Total	**0.0513**	**0.0000**	**1.9000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**3.8000e-004**	**3.8000e-004**	**0.0000**	**0.0000**	**4.0000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	1.5259	0.0376	9.1000e-004	2.7381
Unmitigated	1.5259	0.0376	9.1000e-004	2.7381

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	1.15171 / 0.70589	1.5259	0.0376	9.1000e-004	2.7381
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**1.5259**	**0.0376**	**9.1000e-004**	**2.7381**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	1.15171 / 0.70589	1.5259	0.0376	9.1000e-004	2.7381
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**1.5259**	**0.0376**	**9.1000e-004**	**2.7381**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1.2240	0.0723	0.0000	3.0325
Unmitigated	1.2240	0.0723	0.0000	3.0325

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	6.03	1.2240	0.0723	0.0000	3.0325
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**1.2240**	**0.0723**	**0.0000**	**3.0325**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	6.03	1.2240	0.0723	0.0000	3.0325
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**1.2240**	**0.0723**	**0.0000**	**3.0325**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

	Total CO2	CH4	N2O	CO2e
Category	MT			
Unmitigated	-50.6962	0.0000	0.0000	-50.6962

11.1 Vegetation Land Change

Vegetation Type

	Initial/Final	Total CO2	CH4	N2O	CO2e
	Acres	MT			
Scrub	2.474 / 0	-35.3782	0.0000	0.0000	-35.3782
Trees	0.138 / 0	-15.3180	0.0000	0.0000	-15.3180
Total		**-50.6962**	**0.0000**	**0.0000**	**-50.6962**

Pismo State Beach & Oceano Dunes SVRA PWP - Park Corporation Yard

San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	6.48	1000sqft	0.15	6,480.00	0
Parking Lot	4.17	Acre	4.17	181,645.20	0
Other Asphalt Surfaces	0.80	Acre	0.80	34,848.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2026
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	294	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Utility CO2 intensity factor based on PG&E 2018 Corporate Responsibility and Sustainability Report.

Land Use -

Construction Phase - Estimated total construction would be 9 months. Reduced building construction phase to reflect this.

Demolition -

Vehicle Trips - No change in operational vehicle trips.

Energy Use -

Land Use Change -

Construction Off-road Equipment Mitigation - Assume watering exposed areas at least twice daily.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	230.00	105.00
tblConstructionPhase	PhaseEndDate	3/24/2026	9/30/2025
tblConstructionPhase	PhaseEndDate	1/27/2026	8/5/2025
tblConstructionPhase	PhaseEndDate	2/24/2026	9/2/2025
tblConstructionPhase	PhaseStartDate	2/25/2026	9/3/2025
tblConstructionPhase	PhaseStartDate	1/28/2026	8/6/2025
tblProjectCharacteristics	CO2IntensityFactor	641.35	294
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	WD_TR	11.03	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	12.2545	25.2718	19.8635	0.0413	18.2442	1.0878	19.3320	9.9779	1.0008	10.9786	0.0000	4,031.0915	4,031.0915	1.1963	0.0000	4,047.5096
Maximum	**12.2545**	**25.2718**	**19.8635**	**0.0413**	**18.2442**	**1.0878**	**19.3320**	**9.9779**	**1.0008**	**10.9786**	**0.0000**	**4,031.0915**	**4,031.0915**	**1.1963**	**0.0000**	**4,047.5096**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	12.2545	25.2718	19.8635	0.0413	8.3078	1.0878	9.3956	4.5160	1.0008	5.5168	0.0000	4,031.0915	4,031.0915	1.1963	0.0000	4,047.5096
Maximum	**12.2545**	**25.2718**	**19.8635**	**0.0413**	**8.3078**	**1.0878**	**9.3956**	**4.5160**	**1.0008**	**5.5168**	**0.0000**	**4,031.0915**	**4,031.0915**	**1.1963**	**0.0000**	**4,047.5096**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**54.46**	**0.00**	**51.40**	**54.74**	**0.00**	**49.75**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2814	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.5100e-003	2.5100e-003	1.0000e-005		2.6700e-003
Energy	3.1300e-003	0.0285	0.0239	1.7000e-004		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003		34.1910	34.1910	6.6000e-004	6.3000e-004	34.3942
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.2845**	**0.0285**	**0.0251**	**1.7000e-004**	**0.0000**	**2.1700e-003**	**2.1700e-003**	**0.0000**	**2.1700e-003**	**2.1700e-003**		**34.1935**	**34.1935**	**6.7000e-004**	**6.3000e-004**	**34.3969**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2814	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.5100e-003	2.5100e-003	1.0000e-005		2.6700e-003
Energy	3.1300e-003	0.0285	0.0239	1.7000e-004		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003		34.1910	34.1910	6.6000e-004	6.3000e-004	34.3942
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.2845**	**0.0285**	**0.0251**	**1.7000e-004**	**0.0000**	**2.1700e-003**	**2.1700e-003**	**0.0000**	**2.1700e-003**	**2.1700e-003**		**34.1935**	**34.1935**	**6.7000e-004**	**6.3000e-004**	**34.3969**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2025	1/28/2025	5	20	
2	Site Preparation	Site Preparation	1/29/2025	2/11/2025	5	10	
3	Grading	Grading	2/12/2025	3/11/2025	5	20	
4	Building Construction	Building Construction	3/12/2025	8/5/2025	5	105	
5	Paving	Paving	8/6/2025	9/2/2025	5	20	
6	Architectural Coating	Architectural Coating	9/3/2025	9/30/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 4.97

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 9,720; Non-Residential Outdoor: 3,240; Striped Parking Area: 12,990 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	1	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	36.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	93.00	37.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	19.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3976	0.0000	0.3976	0.0602	0.0000	0.0602			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	**2.0926**	**19.1966**	**19.4184**	**0.0388**	**0.3976**	**0.8528**	**1.2504**	**0.0602**	**0.7920**	**0.8522**		**3,747.5996**	**3,747.5996**	**1.0464**		**3,773.7606**

3.2 Demolition - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	9.0400e-003	0.3146	0.0992	1.3200e-003	0.0315	7.6000e-004	0.0322	8.6300e-003	7.3000e-004	9.3500e-003		144.1025	144.1025	8.7300e-003		144.3208
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0468	0.0316	0.3459	1.1500e-003	0.1483	8.3000e-004	0.1491	0.0393	7.7000e-004	0.0401		114.6133	114.6133	2.6100e-003		114.6786
Total	**0.0559**	**0.3462**	**0.4451**	**2.4700e-003**	**0.1798**	**1.5900e-003**	**0.1814**	**0.0480**	**1.5000e-003**	**0.0495**		**258.7158**	**258.7158**	**0.0113**		**258.9994**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1789	0.0000	0.1789	0.0271	0.0000	0.0271			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	**2.0926**	**19.1966**	**19.4184**	**0.0388**	**0.1789**	**0.8528**	**1.0317**	**0.0271**	**0.7920**	**0.8191**	**0.0000**	**3,747.5996**	**3,747.5996**	**1.0464**		**3,773.7606**

3.2 Demolition - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	9.0400e-003	0.3146	0.0992	1.3200e-003	0.0315	7.6000e-004	0.0322	8.6300e-003	7.3000e-004	9.3500e-003		144.1025	144.1025	8.7300e-003		144.3208
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0468	0.0316	0.3459	1.1500e-003	0.1483	8.3000e-004	0.1491	0.0393	7.7000e-004	0.0401		114.6133	114.6133	2.6100e-003		114.6786
Total	**0.0559**	**0.3462**	**0.4451**	**2.4700e-003**	**0.1798**	**1.5900e-003**	**0.1814**	**0.0480**	**1.5000e-003**	**0.0495**		**258.7158**	**258.7158**	**0.0113**		**258.9994**

3.3 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	**2.4727**	**25.2339**	**17.9118**	**0.0381**	**18.0663**	**1.0868**	**19.1531**	**9.9307**	**0.9999**	**10.9305**		**3,689.1037**	**3,689.1037**	**1.1931**		**3,718.9320**

3.3 Site Preparation - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0562	0.0380	0.4151	1.3800e-003	0.1780	1.0000e-003	0.1790	0.0472	9.2000e-004	0.0481		137.5360	137.5360	3.1300e-003		137.6144
Total	**0.0562**	**0.0380**	**0.4151**	**1.3800e-003**	**0.1780**	**1.0000e-003**	**0.1790**	**0.0472**	**9.2000e-004**	**0.0481**		**137.5360**	**137.5360**	**3.1300e-003**		**137.6144**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	**2.4727**	**25.2339**	**17.9118**	**0.0381**	**8.1298**	**1.0868**	**9.2166**	**4.4688**	**0.9999**	**5.4687**	**0.0000**	**3,689.1037**	**3,689.1037**	**1.1931**		**3,718.9320**

3.3 Site Preparation - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0562	0.0380	0.4151	1.3800e-003	0.1780	1.0000e-003	0.1790	0.0472	9.2000e-004	0.0481		137.5360	137.5360	3.1300e-003		137.6144
Total	**0.0562**	**0.0380**	**0.4151**	**1.3800e-003**	**0.1780**	**1.0000e-003**	**0.1790**	**0.0472**	**9.2000e-004**	**0.0481**		**137.5360**	**137.5360**	**3.1300e-003**		**137.6144**

3.4 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.5227	15.3148	14.5402	0.0297		0.6236	0.6236		0.5737	0.5737		2,873.7052	2,873.7052	0.9294		2,896.9405
Total	**1.5227**	**15.3148**	**14.5402**	**0.0297**	**6.5523**	**0.6236**	**7.1759**	**3.3675**	**0.5737**	**3.9412**		**2,873.7052**	**2,873.7052**	**0.9294**		**2,896.9405**

3.4 Grading - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0468	0.0316	0.3459	1.1500e-003	0.1483	8.3000e-004	0.1491	0.0393	7.7000e-004	0.0401		114.6133	114.6133	2.6100e-003		114.6786
Total	**0.0468**	**0.0316**	**0.3459**	**1.1500e-003**	**0.1483**	**8.3000e-004**	**0.1491**	**0.0393**	**7.7000e-004**	**0.0401**		**114.6133**	**114.6133**	**2.6100e-003**		**114.6786**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	1.5227	15.3148	14.5402	0.0297		0.6236	0.6236		0.5737	0.5737	0.0000	2,873.7052	2,873.7052	0.9294		2,896.9405
Total	**1.5227**	**15.3148**	**14.5402**	**0.0297**	**2.9486**	**0.6236**	**3.5721**	**1.5154**	**0.5737**	**2.0891**	**0.0000**	**2,873.7052**	**2,873.7052**	**0.9294**		**2,896.9405**

3.4 Grading - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0468	0.0316	0.3459	1.1500e-003	0.1483	8.3000e-004	0.1491	0.0393	7.7000e-004	0.0401		114.6133	114.6133	2.6100e-003		114.6786
Total	**0.0468**	**0.0316**	**0.3459**	**1.1500e-003**	**0.1483**	**8.3000e-004**	**0.1491**	**0.0393**	**7.7000e-004**	**0.0401**		**114.6133**	**114.6133**	**2.6100e-003**		**114.6786**

3.5 Building Construction - 2025

Unmitigated Construction On-Site

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

3.5 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0699	2.6298	0.7012	7.1400e-003	0.1719	3.4200e-003	0.1753	0.0495	3.2700e-003	0.0528		764.0145	764.0145	0.0396		765.0041
Worker	0.2903	0.1961	2.1445	7.1300e-003	0.9194	5.1500e-003	0.9246	0.2439	4.7400e-003	0.2486		710.6026	710.6026	0.0162		711.0075
Total	**0.3602**	**2.8258**	**2.8457**	**0.0143**	**1.0913**	**8.5700e-003**	**1.0999**	**0.2934**	**8.0100e-003**	**0.3014**		**1,474.6172**	**1,474.6172**	**0.0558**		**1,476.0116**

Mitigated Construction On-Site

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

3.5 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0699	2.6298	0.7012	7.1400e-003	0.1719	3.4200e-003	0.1753	0.0495	3.2700e-003	0.0528		764.0145	764.0145	0.0396		765.0041
Worker	0.2903	0.1961	2.1445	7.1300e-003	0.9194	5.1500e-003	0.9246	0.2439	4.7400e-003	0.2486		710.6026	710.6026	0.0162		711.0075
Total	**0.3602**	**2.8258**	**2.8457**	**0.0143**	**1.0913**	**8.5700e-003**	**1.0999**	**0.2934**	**8.0100e-003**	**0.3014**		**1,474.6172**	**1,474.6172**	**0.0558**		**1,476.0116**

3.6 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.6511					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5662**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

3.6 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0468	0.0316	0.3459	1.1500e-003	0.1483	8.3000e-004	0.1491	0.0393	7.7000e-004	0.0401		114.6133	114.6133	2.6100e-003		114.6786
Total	**0.0468**	**0.0316**	**0.3459**	**1.1500e-003**	**0.1483**	**8.3000e-004**	**0.1491**	**0.0393**	**7.7000e-004**	**0.0401**		**114.6133**	**114.6133**	**2.6100e-003**		**114.6786**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.6511					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5662**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

3.6 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0468	0.0316	0.3459	1.1500e-003	0.1483	8.3000e-004	0.1491	0.0393	7.7000e-004	0.0401		114.6133	114.6133	2.6100e-003		114.6786
Total	**0.0468**	**0.0316**	**0.3459**	**1.1500e-003**	**0.1483**	**8.3000e-004**	**0.1491**	**0.0393**	**7.7000e-004**	**0.0401**		**114.6133**	**114.6133**	**2.6100e-003**		**114.6786**

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.0244					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**12.1952**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

3.7 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0593	0.0401	0.4381	1.4600e-003	0.1878	1.0500e-003	0.1889	0.0498	9.7000e-004	0.0508		145.1769	145.1769	3.3100e-003		145.2596
Total	**0.0593**	**0.0401**	**0.4381**	**1.4600e-003**	**0.1878**	**1.0500e-003**	**0.1889**	**0.0498**	**9.7000e-004**	**0.0508**		**145.1769**	**145.1769**	**3.3100e-003**		**145.2596**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.0244					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**12.1952**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

3.7 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0593	0.0401	0.4381	1.4600e-003	0.1878	1.0500e-003	0.1889	0.0498	9.7000e-004	0.0508		145.1769	145.1769	3.3100e-003		145.2596
Total	**0.0593**	**0.0401**	**0.4381**	**1.4600e-003**	**0.1878**	**1.0500e-003**	**0.1889**	**0.0498**	**9.7000e-004**	**0.0508**		**145.1769**	**145.1769**	**3.3100e-003**		**145.2596**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	13.00	5.00	5.00	33.00	48.00	19.00	77	19	4
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.598707	0.026478	0.198533	0.109950	0.019088	0.005179	0.012618	0.019740	0.002283	0.001113	0.004555	0.000739	0.001016
Other Asphalt Surfaces	0.598707	0.026478	0.198533	0.109950	0.019088	0.005179	0.012618	0.019740	0.002283	0.001113	0.004555	0.000739	0.001016
Parking Lot	0.598707	0.026478	0.198533	0.109950	0.019088	0.005179	0.012618	0.019740	0.002283	0.001113	0.004555	0.000739	0.001016

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	3.1300e-003	0.0285	0.0239	1.7000e-004		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003		34.1910	34.1910	6.6000e-004	6.3000e-004	34.3942
NaturalGas Unmitigated	3.1300e-003	0.0285	0.0239	1.7000e-004		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003		34.1910	34.1910	6.6000e-004	6.3000e-004	34.3942

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	290.624	3.1300e-003	0.0285	0.0239	1.7000e-004		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003		34.1910	34.1910	6.6000e-004	6.3000e-004	34.3942
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**3.1300e-003**	**0.0285**	**0.0239**	**1.7000e-004**		**2.1700e-003**	**2.1700e-003**		**2.1700e-003**	**2.1700e-003**		**34.1910**	**34.1910**	**6.6000e-004**	**6.3000e-004**	**34.3942**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.290624	3.1300e-003	0.0285	0.0239	1.7000e-004		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003		34.1910	34.1910	6.6000e-004	6.3000e-004	34.3942
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**3.1300e-003**	**0.0285**	**0.0239**	**1.7000e-004**		**2.1700e-003**	**2.1700e-003**		**2.1700e-003**	**2.1700e-003**		**34.1910**	**34.1910**	**6.6000e-004**	**6.3000e-004**	**34.3942**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.2814	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.5100e-003	2.5100e-003	1.0000e-005		2.6700e-003
Unmitigated	0.2814	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.5100e-003	2.5100e-003	1.0000e-005		2.6700e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0659					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2154					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1000e-004	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.5100e-003	2.5100e-003	1.0000e-005		2.6700e-003
Total	**0.2814**	**1.0000e-005**	**1.1700e-003**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.5100e-003**	**2.5100e-003**	**1.0000e-005**		**2.6700e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0659					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2154					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1000e-004	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.5100e-003	2.5100e-003	1.0000e-005		2.6700e-003
Total	**0.2814**	**1.0000e-005**	**1.1700e-003**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.5100e-003**	**2.5100e-003**	**1.0000e-005**		**2.6700e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach & Oceano Dunes SVRA PWP - Park Corporation Yard

San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	6.48	1000sqft	0.15	6,480.00	0
Parking Lot	4.17	Acre	4.17	181,645.20	0
Other Asphalt Surfaces	0.80	Acre	0.80	34,848.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2026
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	294	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Utility CO2 intensity factor based on PG&E 2018 Corporate Responsibility and Sustainability Report.

Land Use -

Construction Phase - Estimated total construction would be 9 months. Reduced building construction phase to reflect this.

Demolition -

Vehicle Trips - No change in operational vehicle trips.

Energy Use -

Land Use Change -

Construction Off-road Equipment Mitigation - Assume watering exposed areas at least twice daily.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	230.00	105.00
tblConstructionPhase	PhaseEndDate	3/24/2026	9/30/2025
tblConstructionPhase	PhaseEndDate	1/27/2026	8/5/2025
tblConstructionPhase	PhaseEndDate	2/24/2026	9/2/2025
tblConstructionPhase	PhaseStartDate	2/25/2026	9/3/2025
tblConstructionPhase	PhaseStartDate	1/28/2026	8/6/2025
tblProjectCharacteristics	CO2IntensityFactor	641.35	294
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	WD_TR	11.03	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	12.2638	25.2769	19.8548	0.0412	18.2442	1.0878	19.3320	9.9779	1.0008	10.9786	0.0000	3,998.6726	3,998.6726	1.1961	0.0000	4,025.1200
Maximum	**12.2638**	**25.2769**	**19.8548**	**0.0412**	**18.2442**	**1.0878**	**19.3320**	**9.9779**	**1.0008**	**10.9786**	**0.0000**	**3,998.6726**	**3,998.6726**	**1.1961**	**0.0000**	**4,025.1200**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	12.2638	25.2769	19.8548	0.0412	8.3078	1.0878	9.3956	4.5160	1.0008	5.5168	0.0000	3,998.6726	3,998.6726	1.1961	0.0000	4,025.1200
Maximum	**12.2638**	**25.2769**	**19.8548**	**0.0412**	**8.3078**	**1.0878**	**9.3956**	**4.5160**	**1.0008**	**5.5168**	**0.0000**	**3,998.6726**	**3,998.6726**	**1.1961**	**0.0000**	**4,025.1200**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**54.46**	**0.00**	**51.40**	**54.74**	**0.00**	**49.75**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2814	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.5100e-003	2.5100e-003	1.0000e-005		2.6700e-003
Energy	3.1300e-003	0.0285	0.0239	1.7000e-004		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003		34.1910	34.1910	6.6000e-004	6.3000e-004	34.3942
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.2845**	**0.0285**	**0.0251**	**1.7000e-004**	**0.0000**	**2.1700e-003**	**2.1700e-003**	**0.0000**	**2.1700e-003**	**2.1700e-003**		**34.1935**	**34.1935**	**6.7000e-004**	**6.3000e-004**	**34.3969**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2814	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.5100e-003	2.5100e-003	1.0000e-005		2.6700e-003
Energy	3.1300e-003	0.0285	0.0239	1.7000e-004		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003		34.1910	34.1910	6.6000e-004	6.3000e-004	34.3942
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.2845**	**0.0285**	**0.0251**	**1.7000e-004**	**0.0000**	**2.1700e-003**	**2.1700e-003**	**0.0000**	**2.1700e-003**	**2.1700e-003**		**34.1935**	**34.1935**	**6.7000e-004**	**6.3000e-004**	**34.3969**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2025	1/28/2025	5	20	
2	Site Preparation	Site Preparation	1/29/2025	2/11/2025	5	10	
3	Grading	Grading	2/12/2025	3/11/2025	5	20	
4	Building Construction	Building Construction	3/12/2025	8/5/2025	5	105	
5	Paving	Paving	8/6/2025	9/2/2025	5	20	
6	Architectural Coating	Architectural Coating	9/3/2025	9/30/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 4.97

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 9,720; Non-Residential Outdoor: 3,240; Striped Parking Area: 12,990 (Architectural Coating – sqft)

OffRoad Equipment

Pismo State Beach & Oceano Dunes SVRA PWP - Park Corporation Yard - San Luis Obispo County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	1	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	36.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	93.00	37.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	19.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3976	0.0000	0.3976	0.0602	0.0000	0.0602			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	**2.0926**	**19.1966**	**19.4184**	**0.0388**	**0.3976**	**0.8528**	**1.2504**	**0.0602**	**0.7920**	**0.8522**		**3,747.5996**	**3,747.5996**	**1.0464**		**3,773.7606**

3.2 Demolition - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	9.2900e-003	0.3150	0.1039	1.3000e-003	0.0315	7.7000e-004	0.0322	8.6300e-003	7.4000e-004	9.3700e-003		141.8196	141.8196	8.9600e-003		142.0436
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0359	0.3326	1.1000e-003	0.1483	8.3000e-004	0.1491	0.0393	7.7000e-004	0.0401		109.2534	109.2534	2.5000e-003		109.3158
Total	**0.0634**	**0.3509**	**0.4364**	**2.4000e-003**	**0.1798**	**1.6000e-003**	**0.1814**	**0.0480**	**1.5100e-003**	**0.0495**		**251.0730**	**251.0730**	**0.0115**		**251.3594**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1789	0.0000	0.1789	0.0271	0.0000	0.0271			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	**2.0926**	**19.1966**	**19.4184**	**0.0388**	**0.1789**	**0.8528**	**1.0317**	**0.0271**	**0.7920**	**0.8191**	**0.0000**	**3,747.5996**	**3,747.5996**	**1.0464**		**3,773.7606**

3.2 Demolition - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	9.2900e-003	0.3150	0.1039	1.3000e-003	0.0315	7.7000e-004	0.0322	8.6300e-003	7.4000e-004	9.3700e-003		141.8196	141.8196	8.9600e-003		142.0436
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0359	0.3326	1.1000e-003	0.1483	8.3000e-004	0.1491	0.0393	7.7000e-004	0.0401		109.2534	109.2534	2.5000e-003		109.3158
Total	**0.0634**	**0.3509**	**0.4364**	**2.4000e-003**	**0.1798**	**1.6000e-003**	**0.1814**	**0.0480**	**1.5100e-003**	**0.0495**		**251.0730**	**251.0730**	**0.0115**		**251.3594**

3.3 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	**2.4727**	**25.2339**	**17.9118**	**0.0381**	**18.0663**	**1.0868**	**19.1531**	**9.9307**	**0.9999**	**10.9305**		**3,689.1037**	**3,689.1037**	**1.1931**		**3,718.9320**

3.3 Site Preparation - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0649	0.0430	0.3991	1.3100e-003	0.1780	1.0000e-003	0.1790	0.0472	9.2000e-004	0.0481		131.1041	131.1041	3.0000e-003		131.1790
Total	**0.0649**	**0.0430**	**0.3991**	**1.3100e-003**	**0.1780**	**1.0000e-003**	**0.1790**	**0.0472**	**9.2000e-004**	**0.0481**		**131.1041**	**131.1041**	**3.0000e-003**		**131.1790**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	**2.4727**	**25.2339**	**17.9118**	**0.0381**	**8.1298**	**1.0868**	**9.2166**	**4.4688**	**0.9999**	**5.4687**	**0.0000**	**3,689.1037**	**3,689.1037**	**1.1931**		**3,718.9320**

3.3 Site Preparation - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0649	0.0430	0.3991	1.3100e-003	0.1780	1.0000e-003	0.1790	0.0472	9.2000e-004	0.0481		131.1041	131.1041	3.0000e-003		131.1790
Total	**0.0649**	**0.0430**	**0.3991**	**1.3100e-003**	**0.1780**	**1.0000e-003**	**0.1790**	**0.0472**	**9.2000e-004**	**0.0481**		**131.1041**	**131.1041**	**3.0000e-003**		**131.1790**

3.4 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.5227	15.3148	14.5402	0.0297		0.6236	0.6236		0.5737	0.5737		2,873.7052	2,873.7052	0.9294		2,896.9405
Total	**1.5227**	**15.3148**	**14.5402**	**0.0297**	**6.5523**	**0.6236**	**7.1759**	**3.3675**	**0.5737**	**3.9412**		**2,873.7052**	**2,873.7052**	**0.9294**		**2,896.9405**

3.4 Grading - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0359	0.3326	1.1000e-003	0.1483	8.3000e-004	0.1491	0.0393	7.7000e-004	0.0401		109.2534	109.2534	2.5000e-003		109.3158
Total	**0.0541**	**0.0359**	**0.3326**	**1.1000e-003**	**0.1483**	**8.3000e-004**	**0.1491**	**0.0393**	**7.7000e-004**	**0.0401**		**109.2534**	**109.2534**	**2.5000e-003**		**109.3158**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	1.5227	15.3148	14.5402	0.0297		0.6236	0.6236		0.5737	0.5737	0.0000	2,873.7052	2,873.7052	0.9294		2,896.9405
Total	**1.5227**	**15.3148**	**14.5402**	**0.0297**	**2.9486**	**0.6236**	**3.5721**	**1.5154**	**0.5737**	**2.0891**	**0.0000**	**2,873.7052**	**2,873.7052**	**0.9294**		**2,896.9405**

3.4 Grading - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0359	0.3326	1.1000e-003	0.1483	8.3000e-004	0.1491	0.0393	7.7000e-004	0.0401		109.2534	109.2534	2.5000e-003		109.3158
Total	**0.0541**	**0.0359**	**0.3326**	**1.1000e-003**	**0.1483**	**8.3000e-004**	**0.1491**	**0.0393**	**7.7000e-004**	**0.0401**		**109.2534**	**109.2534**	**2.5000e-003**		**109.3158**

3.5 Building Construction - 2025

Unmitigated Construction On-Site

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

3.5 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0746	2.6080	0.7879	6.9100e-003	0.1719	3.5800e-003	0.1755	0.0495	3.4200e-003	0.0529		739.7132	739.7132	0.0422		740.7679
Worker	0.3355	0.2223	2.0619	6.7900e-003	0.9194	5.1500e-003	0.9246	0.2439	4.7400e-003	0.2486		677.3710	677.3710	0.0155		677.7581
Total	**0.4101**	**2.8303**	**2.8498**	**0.0137**	**1.0913**	**8.7300e-003**	**1.1000**	**0.2934**	**8.1600e-003**	**0.3015**		**1,417.0843**	**1,417.0843**	**0.0577**		**1,418.5261**

Mitigated Construction On-Site

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

3.5 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0746	2.6080	0.7879	6.9100e-003	0.1719	3.5800e-003	0.1755	0.0495	3.4200e-003	0.0529		739.7132	739.7132	0.0422		740.7679
Worker	0.3355	0.2223	2.0619	6.7900e-003	0.9194	5.1500e-003	0.9246	0.2439	4.7400e-003	0.2486		677.3710	677.3710	0.0155		677.7581
Total	**0.4101**	**2.8303**	**2.8498**	**0.0137**	**1.0913**	**8.7300e-003**	**1.1000**	**0.2934**	**8.1600e-003**	**0.3015**		**1,417.0843**	**1,417.0843**	**0.0577**		**1,418.5261**

3.6 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.6511					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5662**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

3.6 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0359	0.3326	1.1000e-003	0.1483	8.3000e-004	0.1491	0.0393	7.7000e-004	0.0401		109.2534	109.2534	2.5000e-003		109.3158
Total	**0.0541**	**0.0359**	**0.3326**	**1.1000e-003**	**0.1483**	**8.3000e-004**	**0.1491**	**0.0393**	**7.7000e-004**	**0.0401**		**109.2534**	**109.2534**	**2.5000e-003**		**109.3158**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.6511					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5662**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

3.6 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0359	0.3326	1.1000e-003	0.1483	8.3000e-004	0.1491	0.0393	7.7000e-004	0.0401		109.2534	109.2534	2.5000e-003		109.3158
Total	**0.0541**	**0.0359**	**0.3326**	**1.1000e-003**	**0.1483**	**8.3000e-004**	**0.1491**	**0.0393**	**7.7000e-004**	**0.0401**		**109.2534**	**109.2534**	**2.5000e-003**		**109.3158**

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.0244					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**12.1952**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

3.7 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0685	0.0454	0.4213	1.3900e-003	0.1878	1.0500e-003	0.1889	0.0498	9.7000e-004	0.0508		138.3876	138.3876	3.1600e-003		138.4667
Total	**0.0685**	**0.0454**	**0.4213**	**1.3900e-003**	**0.1878**	**1.0500e-003**	**0.1889**	**0.0498**	**9.7000e-004**	**0.0508**		**138.3876**	**138.3876**	**3.1600e-003**		**138.4667**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.0244					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**12.1952**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

3.7 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0685	0.0454	0.4213	1.3900e-003	0.1878	1.0500e-003	0.1889	0.0498	9.7000e-004	0.0508		138.3876	138.3876	3.1600e-003		138.4667
Total	**0.0685**	**0.0454**	**0.4213**	**1.3900e-003**	**0.1878**	**1.0500e-003**	**0.1889**	**0.0498**	**9.7000e-004**	**0.0508**		**138.3876**	**138.3876**	**3.1600e-003**		**138.4667**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	13.00	5.00	5.00	33.00	48.00	19.00	77	19	4
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.598707	0.026478	0.198533	0.109950	0.019088	0.005179	0.012618	0.019740	0.002283	0.001113	0.004555	0.000739	0.001016
Other Asphalt Surfaces	0.598707	0.026478	0.198533	0.109950	0.019088	0.005179	0.012618	0.019740	0.002283	0.001113	0.004555	0.000739	0.001016
Parking Lot	0.598707	0.026478	0.198533	0.109950	0.019088	0.005179	0.012618	0.019740	0.002283	0.001113	0.004555	0.000739	0.001016

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	3.1300e-003	0.0285	0.0239	1.7000e-004		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003		34.1910	34.1910	6.6000e-004	6.3000e-004	34.3942
NaturalGas Unmitigated	3.1300e-003	0.0285	0.0239	1.7000e-004		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003		34.1910	34.1910	6.6000e-004	6.3000e-004	34.3942

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	290.624	3.1300e-003	0.0285	0.0239	1.7000e-004		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003		34.1910	34.1910	6.6000e-004	6.3000e-004	34.3942
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**3.1300e-003**	**0.0285**	**0.0239**	**1.7000e-004**		**2.1700e-003**	**2.1700e-003**		**2.1700e-003**	**2.1700e-003**		**34.1910**	**34.1910**	**6.6000e-004**	**6.3000e-004**	**34.3942**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.290624	3.1300e-003	0.0285	0.0239	1.7000e-004		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003		34.1910	34.1910	6.6000e-004	6.3000e-004	34.3942
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**3.1300e-003**	**0.0285**	**0.0239**	**1.7000e-004**		**2.1700e-003**	**2.1700e-003**		**2.1700e-003**	**2.1700e-003**		**34.1910**	**34.1910**	**6.6000e-004**	**6.3000e-004**	**34.3942**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.2814	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.5100e-003	2.5100e-003	1.0000e-005		2.6700e-003
Unmitigated	0.2814	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.5100e-003	2.5100e-003	1.0000e-005		2.6700e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0659					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2154					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1000e-004	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.5100e-003	2.5100e-003	1.0000e-005		2.6700e-003
Total	**0.2814**	**1.0000e-005**	**1.1700e-003**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.5100e-003**	**2.5100e-003**	**1.0000e-005**		**2.6700e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0659					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2154					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1000e-004	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.5100e-003	2.5100e-003	1.0000e-005		2.6700e-003
Total	**0.2814**	**1.0000e-005**	**1.1700e-003**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.5100e-003**	**2.5100e-003**	**1.0000e-005**		**2.6700e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Ocean Dunes PWP - Corporation Yard Phase 2

San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	8.46	1000sqft	0.19	8,460.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2027
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	294	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Utility CO2 intensity factor based on PG&E 2018 Corporate Responsibility and Sustainability Report.

Land Use - Design pending, but assumed approximately double the size of the Phase 1 single-story building. Paving of entire site anticipated to occur under Phase 1.

Construction Phase - No demolition. Removed paving, as that is captured under Phase 1 for the entire site. Increased phase durations proportionally from defaults to account for estimated 9-month construction duration.

Vehicle Trips - No change in operational vehicle trips resulting from project.

Landscape Equipment - No increase in langscape/vegetation management equipment use as a result of project.

Energy Use -

Construction Off-road Equipment Mitigation - At least twice daily watering of any exposed areas.

Trips and VMT - Increased default building const and arch coating phase worker trips proportionally to number of equipment pieces.

Land Use Change - Potential vegetation loss accounted for under Phase 1.

Energy Mitigation - Title 24 30% improvement to account for most recent standards in effect January 1, 2020.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	6.00
tblConstructionPhase	NumDays	100.00	121.00
tblConstructionPhase	PhaseEndDate	2/27/2026	3/31/2026
tblConstructionPhase	PhaseEndDate	2/20/2026	3/23/2026
tblConstructionPhase	PhaseStartDate	2/21/2026	3/24/2026
tblProjectCharacteristics	CO2IntensityFactor	641.35	294
tblTripsAndVMT	WorkerTripNumber	3.00	15.00
tblTripsAndVMT	WorkerTripNumber	1.00	3.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	WD_TR	11.03	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2025	0.0198	0.1836	0.2421	4.2000e-004	5.8300e-003	7.9200e-003	0.0138	1.7200e-003	7.3000e-003	9.0200e-003	0.0000	36.8760	36.8760	0.0107	0.0000	37.1422
2026	0.1159	0.1654	0.2189	3.8000e-004	4.4100e-003	7.1800e-003	0.0116	1.1700e-003	6.6200e-003	7.7900e-003	0.0000	33.2329	33.2329	9.5400e-003	0.0000	33.4714
Maximum	**0.1159**	**0.1836**	**0.2421**	**4.2000e-004**	**5.8300e-003**	**7.9200e-003**	**0.0138**	**1.7200e-003**	**7.3000e-003**	**9.0200e-003**	**0.0000**	**36.8760**	**36.8760**	**0.0107**	**0.0000**	**37.1422**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2025	0.0198	0.1836	0.2421	4.2000e-004	5.2700e-003	7.9200e-003	0.0132	1.4800e-003	7.3000e-003	8.7800e-003	0.0000	36.8759	36.8759	0.0107	0.0000	37.1421
2026	0.1159	0.1654	0.2189	3.8000e-004	4.4100e-003	7.1800e-003	0.0116	1.1700e-003	6.6200e-003	7.7900e-003	0.0000	33.2328	33.2328	9.5400e-003	0.0000	33.4713
Maximum	**0.1159**	**0.1836**	**0.2421**	**4.2000e-004**	**5.2700e-003**	**7.9200e-003**	**0.0132**	**1.4800e-003**	**7.3000e-003**	**8.7800e-003**	**0.0000**	**36.8759**	**36.8759**	**0.0107**	**0.0000**	**37.1421**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**5.47**	**0.00**	**2.21**	**8.30**	**0.00**	**1.43**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**10-1-2025**	**12-31-2025**	0.2029	0.2029
2	**1-1-2026**	**3-31-2026**	0.2784	0.2784
		Highest	0.2784	0.2784

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0428					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	7.5000e-004	6.7900e-003	5.7000e-003	4.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	27.5061	27.5061	2.1300e-003	5.5000e-004	27.7219
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1.5975	0.0000	1.5975	0.0944	0.0000	3.9578
Water						0.0000	0.0000		0.0000	0.0000	0.4770	1.5152	1.9922	0.0492	1.1900e-003	3.5748
Total	**0.0436**	**6.7900e-003**	**5.7000e-003**	**4.0000e-005**	**0.0000**	**5.2000e-004**	**5.2000e-004**	**0.0000**	**5.2000e-004**	**5.2000e-004**	**2.0746**	**29.0212**	**31.0958**	**0.1457**	**1.7400e-003**	**35.2545**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0428					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	5.2000e-004	4.7600e-003	4.0000e-003	3.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	23.2291	23.2291	1.8800e-003	4.6000e-004	23.4141
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	1.5975	0.0000	1.5975	0.0944	0.0000	3.9578
Water						0.0000	0.0000		0.0000	0.0000	0.4770	1.5152	1.9922	0.0492	1.1900e-003	3.5748
Total	**0.0434**	**4.7600e-003**	**4.0000e-003**	**3.0000e-005**	**0.0000**	**3.6000e-004**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**3.6000e-004**	**2.0746**	**24.7442**	**26.8188**	**0.1454**	**1.6500e-003**	**30.9468**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.53**	**29.90**	**29.82**	**25.00**	**0.00**	**30.77**	**30.77**	**0.00**	**30.77**	**30.77**	**0.00**	**14.74**	**13.75**	**0.17**	**5.17**	**12.22**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	10/1/2025	10/1/2025	5	1	
2	Grading	Grading	10/2/2025	10/3/2025	5	2	
3	Building Construction	Building Construction	10/4/2025	3/23/2026	5	121	
4	Architectural Coating	Architectural Coating	3/24/2026	3/31/2026	5	6	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 12,690; Non-Residential Outdoor: 4,230; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	2	5.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	15.00	1.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2000e-004	2.4000e-003	1.9100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.4274	0.4274	1.4000e-004	0.0000	0.4309
Total	**2.2000e-004**	**2.4000e-003**	**1.9100e-003**	**0.0000**	**2.7000e-004**	**8.0000e-005**	**3.5000e-004**	**3.0000e-005**	**8.0000e-005**	**1.1000e-004**	**0.0000**	**0.4274**	**0.4274**	**1.4000e-004**	**0.0000**	**0.4309**

3.2 Site Preparation - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	6.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0167	0.0167	0.0000	0.0000	0.0167
Total	**1.0000e-005**	**1.0000e-005**	**6.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0167**	**0.0167**	**0.0000**	**0.0000**	**0.0167**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2000e-004	0.0000	1.2000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2000e-004	2.4000e-003	1.9100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.4274	0.4274	1.4000e-004	0.0000	0.4309
Total	**2.2000e-004**	**2.4000e-003**	**1.9100e-003**	**0.0000**	**1.2000e-004**	**8.0000e-005**	**2.0000e-004**	**1.0000e-005**	**8.0000e-005**	**9.0000e-005**	**0.0000**	**0.4274**	**0.4274**	**1.4000e-004**	**0.0000**	**0.4309**

3.2 Site Preparation - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	6.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0167	0.0167	0.0000	0.0000	0.0167
Total	**1.0000e-005**	**1.0000e-005**	**6.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0167**	**0.0167**	**0.0000**	**0.0000**	**0.0167**

3.3 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.5000e-004	0.0000	7.5000e-004	4.1000e-004	0.0000	4.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.7000e-004	5.1000e-003	7.3600e-003	1.0000e-005		2.1000e-004	2.1000e-004		2.0000e-004	2.0000e-004	0.0000	1.0425	1.0425	1.9000e-004	0.0000	1.0471
Total	**5.7000e-004**	**5.1000e-003**	**7.3600e-003**	**1.0000e-005**	**7.5000e-004**	**2.1000e-004**	**9.6000e-004**	**4.1000e-004**	**2.0000e-004**	**6.1000e-004**	**0.0000**	**1.0425**	**1.0425**	**1.9000e-004**	**0.0000**	**1.0471**

3.3 Grading - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	2.0000e-005	2.2000e-004	0.0000	1.0000e-004	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0666	0.0666	0.0000	0.0000	0.0667
Total	**3.0000e-005**	**2.0000e-005**	**2.2000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.0666**	**0.0666**	**0.0000**	**0.0000**	**0.0667**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.4000e-004	0.0000	3.4000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.7000e-004	5.1000e-003	7.3600e-003	1.0000e-005		2.1000e-004	2.1000e-004		2.0000e-004	2.0000e-004	0.0000	1.0425	1.0425	1.9000e-004	0.0000	1.0471
Total	**5.7000e-004**	**5.1000e-003**	**7.3600e-003**	**1.0000e-005**	**3.4000e-004**	**2.1000e-004**	**5.5000e-004**	**1.9000e-004**	**2.0000e-004**	**3.9000e-004**	**0.0000**	**1.0425**	**1.0425**	**1.9000e-004**	**0.0000**	**1.0471**

3.3 Grading - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	2.0000e-005	2.2000e-004	0.0000	1.0000e-004	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0666	0.0666	0.0000	0.0000	0.0667
Total	**3.0000e-005**	**2.0000e-005**	**2.2000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.0666**	**0.0666**	**0.0000**	**0.0000**	**0.0667**

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0174	0.1727	0.2214	3.6000e-004		7.6000e-003	7.6000e-003		6.9900e-003	6.9900e-003	0.0000	31.5932	31.5932	0.0102	0.0000	31.8486
Total	**0.0174**	**0.1727**	**0.2214**	**3.6000e-004**		**7.6000e-003**	**7.6000e-003**		**6.9900e-003**	**6.9900e-003**	**0.0000**	**31.5932**	**31.5932**	**0.0102**	**0.0000**	**31.8486**

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	2.2500e-003	6.4000e-004	1.0000e-005	1.4000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.5822	0.5822	3.0000e-005	0.0000	0.5830
Worker	1.5200e-003	1.1100e-003	0.0105	3.0000e-005	4.5500e-003	3.0000e-005	4.5700e-003	1.2100e-003	2.0000e-005	1.2300e-003	0.0000	3.1475	3.1475	7.0000e-005	0.0000	3.1493
Total	**1.5800e-003**	**3.3600e-003**	**0.0111**	**4.0000e-005**	**4.6900e-003**	**3.0000e-005**	**4.7200e-003**	**1.2500e-003**	**2.0000e-005**	**1.2700e-003**	**0.0000**	**3.7297**	**3.7297**	**1.0000e-004**	**0.0000**	**3.7323**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0174	0.1727	0.2214	3.6000e-004		7.6000e-003	7.6000e-003		6.9900e-003	6.9900e-003	0.0000	31.5931	31.5931	0.0102	0.0000	31.8486
Total	**0.0174**	**0.1727**	**0.2214**	**3.6000e-004**		**7.6000e-003**	**7.6000e-003**		**6.9900e-003**	**6.9900e-003**	**0.0000**	**31.5931**	**31.5931**	**0.0102**	**0.0000**	**31.8486**

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	2.2500e-003	6.4000e-004	1.0000e-005	1.4000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.5822	0.5822	3.0000e-005	0.0000	0.5830
Worker	1.5200e-003	1.1100e-003	0.0105	3.0000e-005	4.5500e-003	3.0000e-005	4.5700e-003	1.2100e-003	2.0000e-005	1.2300e-003	0.0000	3.1475	3.1475	7.0000e-005	0.0000	3.1493
Total	**1.5800e-003**	**3.3600e-003**	**0.0111**	**4.0000e-005**	**4.6900e-003**	**3.0000e-005**	**4.7200e-003**	**1.2500e-003**	**2.0000e-005**	**1.2700e-003**	**0.0000**	**3.7297**	**3.7297**	**1.0000e-004**	**0.0000**	**3.7323**

3.4 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0160	0.1590	0.2038	3.3000e-004		7.0000e-003	7.0000e-003		6.4400e-003	6.4400e-003	0.0000	29.0858	29.0858	9.4100e-003	0.0000	29.3209
Total	**0.0160**	**0.1590**	**0.2038**	**3.3000e-004**		**7.0000e-003**	**7.0000e-003**		**6.4400e-003**	**6.4400e-003**	**0.0000**	**29.0858**	**29.0858**	**9.4100e-003**	**0.0000**	**29.3209**

3.4 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	2.0300e-003	5.6000e-004	1.0000e-005	1.3000e-004	0.0000	1.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.5334	0.5334	3.0000e-005	0.0000	0.5341
Worker	1.3300e-003	9.3000e-004	8.9400e-003	3.0000e-005	4.1900e-003	2.0000e-005	4.2100e-003	1.1100e-003	2.0000e-005	1.1300e-003	0.0000	2.7901	2.7901	6.0000e-005	0.0000	2.7916
Total	**1.3800e-003**	**2.9600e-003**	**9.5000e-003**	**4.0000e-005**	**4.3200e-003**	**2.0000e-005**	**4.3400e-003**	**1.1500e-003**	**2.0000e-005**	**1.1700e-003**	**0.0000**	**3.3234**	**3.3234**	**9.0000e-005**	**0.0000**	**3.3257**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0160	0.1590	0.2038	3.3000e-004		7.0000e-003	7.0000e-003		6.4400e-003	6.4400e-003	0.0000	29.0857	29.0857	9.4100e-003	0.0000	29.3209
Total	**0.0160**	**0.1590**	**0.2038**	**3.3000e-004**		**7.0000e-003**	**7.0000e-003**		**6.4400e-003**	**6.4400e-003**	**0.0000**	**29.0857**	**29.0857**	**9.4100e-003**	**0.0000**	**29.3209**

3.4 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	2.0300e-003	5.6000e-004	1.0000e-005	1.3000e-004	0.0000	1.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.5334	0.5334	3.0000e-005	0.0000	0.5341
Worker	1.3300e-003	9.3000e-004	8.9400e-003	3.0000e-005	4.1900e-003	2.0000e-005	4.2100e-003	1.1100e-003	2.0000e-005	1.1300e-003	0.0000	2.7901	2.7901	6.0000e-005	0.0000	2.7916
Total	**1.3800e-003**	**2.9600e-003**	**9.5000e-003**	**4.0000e-005**	**4.3200e-003**	**2.0000e-005**	**4.3400e-003**	**1.1500e-003**	**2.0000e-005**	**1.1700e-003**	**0.0000**	**3.3234**	**3.3234**	**9.0000e-005**	**0.0000**	**3.3257**

3.5 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0980					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.1000e-004	3.4400e-003	5.4300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.7660	0.7660	4.0000e-005	0.0000	0.7670
Total	**0.0985**	**3.4400e-003**	**5.4300e-003**	**1.0000e-005**		**1.5000e-004**	**1.5000e-004**		**1.5000e-004**	**1.5000e-004**	**0.0000**	**0.7660**	**0.7660**	**4.0000e-005**	**0.0000**	**0.7670**

3.5 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	2.0000e-005	1.8000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0577	0.0577	0.0000	0.0000	0.0578
Total	**3.0000e-005**	**2.0000e-005**	**1.8000e-004**	**0.0000**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0577**	**0.0577**	**0.0000**	**0.0000**	**0.0578**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0980					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.1000e-004	3.4400e-003	5.4300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.7660	0.7660	4.0000e-005	0.0000	0.7670
Total	**0.0985**	**3.4400e-003**	**5.4300e-003**	**1.0000e-005**		**1.5000e-004**	**1.5000e-004**		**1.5000e-004**	**1.5000e-004**	**0.0000**	**0.7660**	**0.7660**	**4.0000e-005**	**0.0000**	**0.7670**

3.5 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	2.0000e-005	1.8000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0577	0.0577	0.0000	0.0000	0.0578
Total	**3.0000e-005**	**2.0000e-005**	**1.8000e-004**	**0.0000**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0577**	**0.0577**	**0.0000**	**0.0000**	**0.0578**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	13.00	5.00	5.00	33.00	48.00	19.00	77	19	4

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.602606	0.026011	0.198672	0.108173	0.017753	0.004949	0.012577	0.019761	0.002270	0.001100	0.004459	0.000730	0.000939

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	18.0477	18.0477	1.7800e-003	3.7000e-004	18.2020
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	20.1157	20.1157	1.9800e-003	4.1000e-004	20.2876
NaturalGas Mitigated	5.2000e-004	4.7600e-003	4.0000e-003	3.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	5.1814	5.1814	1.0000e-004	9.0000e-005	5.2122
NaturalGas Unmitigated	7.5000e-004	6.7900e-003	5.7000e-003	4.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	7.3904	7.3904	1.4000e-004	1.4000e-004	7.4343

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	138490	7.5000e-004	6.7900e-003	5.7000e-003	4.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	7.3904	7.3904	1.4000e-004	1.4000e-004	7.4343
Total		**7.5000e-004**	**6.7900e-003**	**5.7000e-003**	**4.0000e-005**		**5.2000e-004**	**5.2000e-004**		**5.2000e-004**	**5.2000e-004**	**0.0000**	**7.3904**	**7.3904**	**1.4000e-004**	**1.4000e-004**	**7.4343**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	97095.4	5.2000e-004	4.7600e-003	4.0000e-003	3.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	5.1814	5.1814	1.0000e-004	9.0000e-005	5.2122
Total		**5.2000e-004**	**4.7600e-003**	**4.0000e-003**	**3.0000e-005**		**3.6000e-004**	**3.6000e-004**		**3.6000e-004**	**3.6000e-004**	**0.0000**	**5.1814**	**5.1814**	**1.0000e-004**	**9.0000e-005**	**5.2122**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	150842	20.1157	1.9800e-003	4.1000e-004	20.2876
Total		**20.1157**	**1.9800e-003**	**4.1000e-004**	**20.2876**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	135335	18.0477	1.7800e-003	3.7000e-004	18.2020
Total		**18.0477**	**1.7800e-003**	**3.7000e-004**	**18.2020**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0428					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0428					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	9.8000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0330					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0428**					**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	9.8000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0330					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0428**					**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	1.9922	0.0492	1.1900e-003	3.5748
Unmitigated	1.9922	0.0492	1.1900e-003	3.5748

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	1.50363 / 0.921578	1.9922	0.0492	1.1900e-003	3.5748
Total		**1.9922**	**0.0492**	**1.1900e-003**	**3.5748**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	1.50363 / 0.921578	1.9922	0.0492	1.1900e-003	3.5748
Total		**1.9922**	**0.0492**	**1.1900e-003**	**3.5748**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1.5975	0.0944	0.0000	3.9578
Unmitigated	1.5975	0.0944	0.0000	3.9578

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	7.87	1.5975	0.0944	0.0000	3.9578
Total		**1.5975**	**0.0944**	**0.0000**	**3.9578**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	7.87	1.5975	0.0944	0.0000	3.9578
Total		**1.5975**	**0.0944**	**0.0000**	**3.9578**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Ocean Dunes PWP - Corporation Yard Phase 2

San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	8.46	1000sqft	0.19	8,460.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2027
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	294	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Utility CO2 intensity factor based on PG&E 2018 Corporate Responsibility and Sustainability Report.

Land Use - Design pending, but assumed approximately double the size of the Phase 1 single-story building. Paving of entire site anticipated to occur under Phase 1.

Construction Phase - No demolition. Removed paving, as that is captured under Phase 1 for the entire site. Increased phase durations proportionally from defaults to account for estimated 9-month construction duration.

Vehicle Trips - No change in operational vehicle trips resulting from project.

Landscape Equipment - No increase in langscape/vegetation management equipment use as a result of project.

Energy Use -

Construction Off-road Equipment Mitigation - At least twice daily watering of any exposed areas.

Trips and VMT - Increased default building const and arch coating phase worker trips proportionally to number of equipment pieces.

Land Use Change - Potential vegetation loss accounted for under Phase 1.

Energy Mitigation - Title 24 30% improvement to account for most recent standards in effect January 1, 2020.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	6.00
tblConstructionPhase	NumDays	100.00	121.00
tblConstructionPhase	PhaseEndDate	2/27/2026	3/31/2026
tblConstructionPhase	PhaseEndDate	2/20/2026	3/23/2026
tblConstructionPhase	PhaseStartDate	2/21/2026	3/24/2026
tblProjectCharacteristics	CO2IntensityFactor	641.35	294
tblTripsAndVMT	WorkerTripNumber	3.00	15.00
tblTripsAndVMT	WorkerTripNumber	1.00	3.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	WD_TR	11.03	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	0.6055	5.5847	7.5947	0.0128	0.8516	0.2422	1.0624	0.4400	0.2228	0.6414	0.0000	1,240.8334	1,240.8334	0.3612	0.0000	1,249.8646
2026	32.8565	5.5805	7.3675	0.0127	0.1529	0.2421	0.3951	0.0407	0.2228	0.2634	0.0000	1,236.4753	1,236.4753	0.3610	0.0000	1,245.5005
Maximum	**32.8565**	**5.5847**	**7.5947**	**0.0128**	**0.8516**	**0.2422**	**1.0624**	**0.4400**	**0.2228**	**0.6414**	**0.0000**	**1,240.8334**	**1,240.8334**	**0.3612**	**0.0000**	**1,249.8646**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	0.6055	5.5847	7.5947	0.0128	0.4376	0.2422	0.6484	0.2124	0.2228	0.4138	0.0000	1,240.8334	1,240.8334	0.3612	0.0000	1,249.8646
2026	32.8565	5.5805	7.3675	0.0127	0.1529	0.2421	0.3951	0.0407	0.2228	0.2634	0.0000	1,236.4753	1,236.4753	0.3610	0.0000	1,245.5005
Maximum	**32.8565**	**5.5847**	**7.5947**	**0.0128**	**0.4376**	**0.2422**	**0.6484**	**0.2124**	**0.2228**	**0.4138**	**0.0000**	**1,240.8334**	**1,240.8334**	**0.3612**	**0.0000**	**1,249.8646**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**41.21**	**0.00**	**28.41**	**47.35**	**0.00**	**25.15**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2348	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8500e-003	1.8500e-003	0.0000		1.9700e-003
Energy	4.0900e-003	0.0372	0.0313	2.2000e-004		2.8300e-003	2.8300e-003		2.8300e-003	2.8300e-003		44.6383	44.6383	8.6000e-004	8.2000e-004	44.9035
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.2389**	**0.0372**	**0.0321**	**2.2000e-004**	**0.0000**	**2.8300e-003**	**2.8300e-003**	**0.0000**	**2.8300e-003**	**2.8300e-003**		**44.6401**	**44.6401**	**8.6000e-004**	**8.2000e-004**	**44.9055**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2348	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8500e-003	1.8500e-003	0.0000		1.9700e-003
Energy	2.8700e-003	0.0261	0.0219	1.6000e-004		1.9800e-003	1.9800e-003		1.9800e-003	1.9800e-003		31.2959	31.2959	6.0000e-004	5.7000e-004	31.4818
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.2377**	**0.0261**	**0.0228**	**1.6000e-004**	**0.0000**	**1.9800e-003**	**1.9800e-003**	**0.0000**	**1.9800e-003**	**1.9800e-003**		**31.2977**	**31.2977**	**6.0000e-004**	**5.7000e-004**	**31.4838**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.51**	**29.88**	**29.09**	**27.27**	**0.00**	**30.04**	**30.04**	**0.00**	**30.04**	**30.04**	**0.00**	**29.89**	**29.89**	**30.23**	**30.49**	**29.89**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	10/1/2025	10/1/2025	5	1	
2	Grading	Grading	10/2/2025	10/3/2025	5	2	
3	Building Construction	Building Construction	10/4/2025	3/23/2026	5	121	
4	Architectural Coating	Architectural Coating	3/24/2026	3/31/2026	5	6	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 12,690; Non-Residential Outdoor: 4,230; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	2	5.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	15.00	1.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.4432	4.7918	3.8238	9.7300e-003		0.1654	0.1654		0.1521	0.1521		942.2955	942.2955	0.3048		949.9144
Total	**0.4432**	**4.7918**	**3.8238**	**9.7300e-003**	**0.5303**	**0.1654**	**0.6956**	**0.0573**	**0.1521**	**0.2094**		**942.2955**	**942.2955**	**0.3048**		**949.9144**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0156	0.0105	0.1153	3.8000e-004	0.0494	2.8000e-004	0.0497	0.0131	2.6000e-004	0.0134		38.2044	38.2044	8.7000e-004		38.2262
Total	**0.0156**	**0.0105**	**0.1153**	**3.8000e-004**	**0.0494**	**2.8000e-004**	**0.0497**	**0.0131**	**2.6000e-004**	**0.0134**		**38.2044**	**38.2044**	**8.7000e-004**		**38.2262**

3.2 Site Preparation - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2386	0.0000	0.2386	0.0258	0.0000	0.0258			0.0000			0.0000
Off-Road	0.4432	4.7918	3.8238	9.7300e-003		0.1654	0.1654		0.1521	0.1521	0.0000	942.2955	942.2955	0.3048		949.9144
Total	**0.4432**	**4.7918**	**3.8238**	**9.7300e-003**	**0.2386**	**0.1654**	**0.4040**	**0.0258**	**0.1521**	**0.1779**	**0.0000**	**942.2955**	**942.2955**	**0.3048**		**949.9144**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0156	0.0105	0.1153	3.8000e-004	0.0494	2.8000e-004	0.0497	0.0131	2.6000e-004	0.0134		38.2044	38.2044	8.7000e-004		38.2262
Total	**0.0156**	**0.0105**	**0.1153**	**3.8000e-004**	**0.0494**	**2.8000e-004**	**0.0497**	**0.0131**	**2.6000e-004**	**0.0134**		**38.2044**	**38.2044**	**8.7000e-004**		**38.2262**

3.3 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.5743	5.1008	7.3641	0.0120		0.2102	0.2102		0.2008	0.2008		1,149.1195	1,149.1195	0.2060		1,154.2705
Total	**0.5743**	**5.1008**	**7.3641**	**0.0120**	**0.7528**	**0.2102**	**0.9630**	**0.4138**	**0.2008**	**0.6146**		**1,149.1195**	**1,149.1195**	**0.2060**		**1,154.2705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0312	0.0211	0.2306	7.7000e-004	0.0989	5.5000e-004	0.0994	0.0262	5.1000e-004	0.0267		76.4089	76.4089	1.7400e-003		76.4524
Total	**0.0312**	**0.0211**	**0.2306**	**7.7000e-004**	**0.0989**	**5.5000e-004**	**0.0994**	**0.0262**	**5.1000e-004**	**0.0267**		**76.4089**	**76.4089**	**1.7400e-003**		**76.4524**

3.3 Grading - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3387	0.0000	0.3387	0.1862	0.0000	0.1862			0.0000			0.0000
Off-Road	0.5743	5.1008	7.3641	0.0120		0.2102	0.2102		0.2008	0.2008	0.0000	1,149.1195	1,149.1195	0.2060		1,154.2705
Total	**0.5743**	**5.1008**	**7.3641**	**0.0120**	**0.3387**	**0.2102**	**0.5490**	**0.1862**	**0.2008**	**0.3870**	**0.0000**	**1,149.1195**	**1,149.1195**	**0.2060**		**1,154.2705**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0312	0.0211	0.2306	7.7000e-004	0.0989	5.5000e-004	0.0994	0.0262	5.1000e-004	0.0267		76.4089	76.4089	1.7400e-003		76.4524
Total	**0.0312**	**0.0211**	**0.2306**	**7.7000e-004**	**0.0989**	**5.5000e-004**	**0.0994**	**0.0262**	**5.1000e-004**	**0.0267**		**76.4089**	**76.4089**	**1.7400e-003**		**76.4524**

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.5711	1,105.5711	0.3576		1,114.5102
Total	**0.5510**	**5.4820**	**7.0282**	**0.0114**		**0.2413**	**0.2413**		**0.2220**	**0.2220**		**1,105.5711**	**1,105.5711**	**0.3576**		**1,114.5102**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.8900e-003	0.0711	0.0190	1.9000e-004	4.6500e-003	9.0000e-005	4.7400e-003	1.3400e-003	9.0000e-005	1.4300e-003		20.6490	20.6490	1.0700e-003		20.6758
Worker	0.0468	0.0316	0.3459	1.1500e-003	0.1483	8.3000e-004	0.1491	0.0393	7.7000e-004	0.0401		114.6133	114.6133	2.6100e-003		114.6786
Total	**0.0487**	**0.1027**	**0.3648**	**1.3400e-003**	**0.1529**	**9.2000e-004**	**0.1539**	**0.0407**	**8.6000e-004**	**0.0415**		**135.2624**	**135.2624**	**3.6800e-003**		**135.3544**

3.4 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220	0.0000	1,105.5711	1,105.5711	0.3576		1,114.5102
Total	**0.5510**	**5.4820**	**7.0282**	**0.0114**		**0.2413**	**0.2413**		**0.2220**	**0.2220**	**0.0000**	**1,105.5711**	**1,105.5711**	**0.3576**		**1,114.5102**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.8900e-003	0.0711	0.0190	1.9000e-004	4.6500e-003	9.0000e-005	4.7400e-003	1.3400e-003	9.0000e-005	1.4300e-003		20.6490	20.6490	1.0700e-003		20.6758
Worker	0.0468	0.0316	0.3459	1.1500e-003	0.1483	8.3000e-004	0.1491	0.0393	7.7000e-004	0.0401		114.6133	114.6133	2.6100e-003		114.6786
Total	**0.0487**	**0.1027**	**0.3648**	**1.3400e-003**	**0.1529**	**9.2000e-004**	**0.1539**	**0.0407**	**8.6000e-004**	**0.0415**		**135.2624**	**135.2624**	**3.6800e-003**		**135.3544**

3.4 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.5711	1,105.5711	0.3576		1,114.5102
Total	**0.5510**	**5.4820**	**7.0282**	**0.0114**		**0.2413**	**0.2413**		**0.2220**	**0.2220**		**1,105.5711**	**1,105.5711**	**0.3576**		**1,114.5102**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.8100e-003	0.0697	0.0181	1.9000e-004	4.6500e-003	9.0000e-005	4.7300e-003	1.3400e-003	8.0000e-005	1.4200e-003		20.5480	20.5480	1.0700e-003		20.5748
Worker	0.0445	0.0288	0.3212	1.1100e-003	0.1483	8.0000e-004	0.1491	0.0393	7.4000e-004	0.0401		110.3563	110.3563	2.3700e-003		110.4155
Total	**0.0463**	**0.0985**	**0.3393**	**1.3000e-003**	**0.1529**	**8.9000e-004**	**0.1538**	**0.0407**	**8.2000e-004**	**0.0415**		**130.9042**	**130.9042**	**3.4400e-003**		**130.9903**

3.4 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220	0.0000	1,105.5711	1,105.5711	0.3576		1,114.5102
Total	**0.5510**	**5.4820**	**7.0282**	**0.0114**		**0.2413**	**0.2413**		**0.2220**	**0.2220**	**0.0000**	**1,105.5711**	**1,105.5711**	**0.3576**		**1,114.5102**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.8100e-003	0.0697	0.0181	1.9000e-004	4.6500e-003	9.0000e-005	4.7300e-003	1.3400e-003	8.0000e-005	1.4200e-003		20.5480	20.5480	1.0700e-003		20.5748
Worker	0.0445	0.0288	0.3212	1.1100e-003	0.1483	8.0000e-004	0.1491	0.0393	7.4000e-004	0.0401		110.3563	110.3563	2.3700e-003		110.4155
Total	**0.0463**	**0.0985**	**0.3393**	**1.3000e-003**	**0.1529**	**8.9000e-004**	**0.1538**	**0.0407**	**8.2000e-004**	**0.0415**		**130.9042**	**130.9042**	**3.4400e-003**		**130.9903**

3.5 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.6768					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**32.8476**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	8.8900e-003	5.7600e-003	0.0642	2.2000e-004	0.0297	1.6000e-004	0.0298	7.8700e-003	1.5000e-004	8.0100e-003		22.0713	22.0713	4.7000e-004		22.0831
Total	**8.8900e-003**	**5.7600e-003**	**0.0642**	**2.2000e-004**	**0.0297**	**1.6000e-004**	**0.0298**	**7.8700e-003**	**1.5000e-004**	**8.0100e-003**		**22.0713**	**22.0713**	**4.7000e-004**		**22.0831**

3.5 Architectural Coating - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.6768					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**32.8476**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	8.8900e-003	5.7600e-003	0.0642	2.2000e-004	0.0297	1.6000e-004	0.0298	7.8700e-003	1.5000e-004	8.0100e-003		22.0713	22.0713	4.7000e-004		22.0831
Total	**8.8900e-003**	**5.7600e-003**	**0.0642**	**2.2000e-004**	**0.0297**	**1.6000e-004**	**0.0298**	**7.8700e-003**	**1.5000e-004**	**8.0100e-003**		**22.0713**	**22.0713**	**4.7000e-004**		**22.0831**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	13.00	5.00	5.00	33.00	48.00	19.00	77	19	4

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.602606	0.026011	0.198672	0.108173	0.017753	0.004949	0.012577	0.019761	0.002270	0.001100	0.004459	0.000730	0.000939

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	2.8700e-003	0.0261	0.0219	1.6000e-004		1.9800e-003	1.9800e-003		1.9800e-003	1.9800e-003		31.2959	31.2959	6.0000e-004	5.7000e-004	31.4818
NaturalGas Unmitigated	4.0900e-003	0.0372	0.0313	2.2000e-004		2.8300e-003	2.8300e-003		2.8300e-003	2.8300e-003		44.6383	44.6383	8.6000e-004	8.2000e-004	44.9035

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	379.425	4.0900e-003	0.0372	0.0313	2.2000e-004		2.8300e-003	2.8300e-003		2.8300e-003	2.8300e-003		44.6383	44.6383	8.6000e-004	8.2000e-004	44.9035
Total		**4.0900e-003**	**0.0372**	**0.0313**	**2.2000e-004**		**2.8300e-003**	**2.8300e-003**		**2.8300e-003**	**2.8300e-003**		**44.6383**	**44.6383**	**8.6000e-004**	**8.2000e-004**	**44.9035**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.266015	2.8700e-003	0.0261	0.0219	1.6000e-004		1.9800e-003	1.9800e-003		1.9800e-003	1.9800e-003		31.2959	31.2959	6.0000e-004	5.7000e-004	31.4818
Total		**2.8700e-003**	**0.0261**	**0.0219**	**1.6000e-004**		**1.9800e-003**	**1.9800e-003**		**1.9800e-003**	**1.9800e-003**		**31.2959**	**31.2959**	**6.0000e-004**	**5.7000e-004**	**31.4818**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.2348	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8500e-003	1.8500e-003	0.0000		1.9700e-003
Unmitigated	0.2348	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8500e-003	1.8500e-003	0.0000		1.9700e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0537					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1810					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.0000e-005	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8500e-003	1.8500e-003	0.0000		1.9700e-003
Total	**0.2348**	**1.0000e-005**	**8.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.8500e-003**	**1.8500e-003**	**0.0000**		**1.9700e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0537					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1810					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.0000e-005	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8500e-003	1.8500e-003	0.0000		1.9700e-003
Total	**0.2348**	**1.0000e-005**	**8.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.8500e-003**	**1.8500e-003**	**0.0000**		**1.9700e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Ocean Dunes PWP - Corporation Yard Phase 2

San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	8.46	1000sqft	0.19	8,460.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2027
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	294	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Utility CO2 intensity factor based on PG&E 2018 Corporate Responsibility and Sustainability Report.

Land Use - Design pending, but assumed approximately double the size of the Phase 1 single-story building. Paving of entire site anticipated to occur under Phase 1.

Construction Phase - No demolition. Removed paving, as that is captured under Phase 1 for the entire site. Increased phase durations proportionally from defaults to account for estimated 9-month construction duration.

Vehicle Trips - No change in operational vehicle trips resulting from project.

Landscape Equipment - No increase in langscape/vegetation management equipment use as a result of project.

Energy Use -

Construction Off-road Equipment Mitigation - At least twice daily watering of any exposed areas.

Trips and VMT - Increased default building const and arch coating phase worker trips proportionally to number of equipment pieces.

Land Use Change - Potential vegetation loss accounted for under Phase 1.

Energy Mitigation - Title 24 30% improvement to account for most recent standards in effect January 1, 2020.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	6.00
tblConstructionPhase	NumDays	100.00	121.00
tblConstructionPhase	PhaseEndDate	2/27/2026	3/31/2026
tblConstructionPhase	PhaseEndDate	2/20/2026	3/23/2026
tblConstructionPhase	PhaseStartDate	2/21/2026	3/24/2026
tblProjectCharacteristics	CO2IntensityFactor	641.35	294
tblTripsAndVMT	WorkerTripNumber	3.00	15.00
tblTripsAndVMT	WorkerTripNumber	1.00	3.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	WD_TR	11.03	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	0.6104	5.5883	7.5858	0.0127	0.8516	0.2422	1.0624	0.4400	0.2228	0.6414	0.0000	1,234.8167	1,234.8167	0.3612	0.0000	1,243.8468
2026	32.8579	5.5838	7.3569	0.0127	0.1529	0.2422	0.3951	0.0407	0.2228	0.2634	0.0000	1,230.6607	1,230.6607	0.3610	0.0000	1,239.6849
Maximum	**32.8579**	**5.5883**	**7.5858**	**0.0127**	**0.8516**	**0.2422**	**1.0624**	**0.4400**	**0.2228**	**0.6414**	**0.0000**	**1,234.8167**	**1,234.8167**	**0.3612**	**0.0000**	**1,243.8468**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	0.6104	5.5883	7.5858	0.0127	0.4376	0.2422	0.6484	0.2124	0.2228	0.4138	0.0000	1,234.8167	1,234.8167	0.3612	0.0000	1,243.8468
2026	32.8579	5.5838	7.3569	0.0127	0.1529	0.2422	0.3951	0.0407	0.2228	0.2634	0.0000	1,230.6607	1,230.6607	0.3610	0.0000	1,239.6849
Maximum	**32.8579**	**5.5883**	**7.5858**	**0.0127**	**0.4376**	**0.2422**	**0.6484**	**0.2124**	**0.2228**	**0.4138**	**0.0000**	**1,234.8167**	**1,234.8167**	**0.3612**	**0.0000**	**1,243.8468**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**41.21**	**0.00**	**28.41**	**47.35**	**0.00**	**25.15**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2348	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8500e-003	1.8500e-003	0.0000		1.9700e-003
Energy	4.0900e-003	0.0372	0.0313	2.2000e-004		2.8300e-003	2.8300e-003		2.8300e-003	2.8300e-003		44.6383	44.6383	8.6000e-004	8.2000e-004	44.9035
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.2389**	**0.0372**	**0.0321**	**2.2000e-004**	**0.0000**	**2.8300e-003**	**2.8300e-003**	**0.0000**	**2.8300e-003**	**2.8300e-003**		**44.6401**	**44.6401**	**8.6000e-004**	**8.2000e-004**	**44.9055**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2348	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8500e-003	1.8500e-003	0.0000		1.9700e-003
Energy	2.8700e-003	0.0261	0.0219	1.6000e-004		1.9800e-003	1.9800e-003		1.9800e-003	1.9800e-003		31.2959	31.2959	6.0000e-004	5.7000e-004	31.4818
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.2377**	**0.0261**	**0.0228**	**1.6000e-004**	**0.0000**	**1.9800e-003**	**1.9800e-003**	**0.0000**	**1.9800e-003**	**1.9800e-003**		**31.2977**	**31.2977**	**6.0000e-004**	**5.7000e-004**	**31.4838**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.51**	**29.88**	**29.09**	**27.27**	**0.00**	**30.04**	**30.04**	**0.00**	**30.04**	**30.04**	**0.00**	**29.89**	**29.89**	**30.23**	**30.49**	**29.89**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	10/1/2025	10/1/2025	5	1	
2	Grading	Grading	10/2/2025	10/3/2025	5	2	
3	Building Construction	Building Construction	10/4/2025	3/23/2026	5	121	
4	Architectural Coating	Architectural Coating	3/24/2026	3/31/2026	5	6	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 12,690; Non-Residential Outdoor: 4,230; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	2	5.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	15.00	1.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.4432	4.7918	3.8238	9.7300e-003		0.1654	0.1654		0.1521	0.1521		942.2955	942.2955	0.3048		949.9144
Total	**0.4432**	**4.7918**	**3.8238**	**9.7300e-003**	**0.5303**	**0.1654**	**0.6956**	**0.0573**	**0.1521**	**0.2094**		**942.2955**	**942.2955**	**0.3048**		**949.9144**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0180	0.0120	0.1109	3.7000e-004	0.0494	2.8000e-004	0.0497	0.0131	2.6000e-004	0.0134		36.4178	36.4178	8.3000e-004		36.4386
Total	**0.0180**	**0.0120**	**0.1109**	**3.7000e-004**	**0.0494**	**2.8000e-004**	**0.0497**	**0.0131**	**2.6000e-004**	**0.0134**		**36.4178**	**36.4178**	**8.3000e-004**		**36.4386**

3.2 Site Preparation - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2386	0.0000	0.2386	0.0258	0.0000	0.0258			0.0000			0.0000
Off-Road	0.4432	4.7918	3.8238	9.7300e-003		0.1654	0.1654		0.1521	0.1521	0.0000	942.2955	942.2955	0.3048		949.9144
Total	**0.4432**	**4.7918**	**3.8238**	**9.7300e-003**	**0.2386**	**0.1654**	**0.4040**	**0.0258**	**0.1521**	**0.1779**	**0.0000**	**942.2955**	**942.2955**	**0.3048**		**949.9144**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0180	0.0120	0.1109	3.7000e-004	0.0494	2.8000e-004	0.0497	0.0131	2.6000e-004	0.0134		36.4178	36.4178	8.3000e-004		36.4386
Total	**0.0180**	**0.0120**	**0.1109**	**3.7000e-004**	**0.0494**	**2.8000e-004**	**0.0497**	**0.0131**	**2.6000e-004**	**0.0134**		**36.4178**	**36.4178**	**8.3000e-004**		**36.4386**

3.3 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.5743	5.1008	7.3641	0.0120		0.2102	0.2102		0.2008	0.2008		1,149.1195	1,149.1195	0.2060		1,154.2705
Total	**0.5743**	**5.1008**	**7.3641**	**0.0120**	**0.7528**	**0.2102**	**0.9630**	**0.4138**	**0.2008**	**0.6146**		**1,149.1195**	**1,149.1195**	**0.2060**		**1,154.2705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0361	0.0239	0.2217	7.3000e-004	0.0989	5.5000e-004	0.0994	0.0262	5.1000e-004	0.0267		72.8356	72.8356	1.6600e-003		72.8772
Total	**0.0361**	**0.0239**	**0.2217**	**7.3000e-004**	**0.0989**	**5.5000e-004**	**0.0994**	**0.0262**	**5.1000e-004**	**0.0267**		**72.8356**	**72.8356**	**1.6600e-003**		**72.8772**

3.3 Grading - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3387	0.0000	0.3387	0.1862	0.0000	0.1862			0.0000			0.0000
Off-Road	0.5743	5.1008	7.3641	0.0120		0.2102	0.2102		0.2008	0.2008	0.0000	1,149.1195	1,149.1195	0.2060		1,154.2705
Total	**0.5743**	**5.1008**	**7.3641**	**0.0120**	**0.3387**	**0.2102**	**0.5490**	**0.1862**	**0.2008**	**0.3870**	**0.0000**	**1,149.1195**	**1,149.1195**	**0.2060**		**1,154.2705**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0361	0.0239	0.2217	7.3000e-004	0.0989	5.5000e-004	0.0994	0.0262	5.1000e-004	0.0267		72.8356	72.8356	1.6600e-003		72.8772
Total	**0.0361**	**0.0239**	**0.2217**	**7.3000e-004**	**0.0989**	**5.5000e-004**	**0.0994**	**0.0262**	**5.1000e-004**	**0.0267**		**72.8356**	**72.8356**	**1.6600e-003**		**72.8772**

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.5711	1,105.5711	0.3576		1,114.5102
Total	**0.5510**	**5.4820**	**7.0282**	**0.0114**		**0.2413**	**0.2413**		**0.2220**	**0.2220**		**1,105.5711**	**1,105.5711**	**0.3576**		**1,114.5102**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0200e-003	0.0705	0.0213	1.9000e-004	4.6500e-003	1.0000e-004	4.7400e-003	1.3400e-003	9.0000e-005	1.4300e-003		19.9923	19.9923	1.1400e-003		20.0208
Worker	0.0541	0.0359	0.3326	1.1000e-003	0.1483	8.3000e-004	0.1491	0.0393	7.7000e-004	0.0401		109.2534	109.2534	2.5000e-003		109.3158
Total	**0.0561**	**0.1063**	**0.3539**	**1.2900e-003**	**0.1529**	**9.3000e-004**	**0.1539**	**0.0407**	**8.6000e-004**	**0.0415**		**129.2456**	**129.2456**	**3.6400e-003**		**129.3366**

3.4 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220	0.0000	1,105.5711	1,105.5711	0.3576		1,114.5102
Total	**0.5510**	**5.4820**	**7.0282**	**0.0114**		**0.2413**	**0.2413**		**0.2220**	**0.2220**	**0.0000**	**1,105.5711**	**1,105.5711**	**0.3576**		**1,114.5102**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0200e-003	0.0705	0.0213	1.9000e-004	4.6500e-003	1.0000e-004	4.7400e-003	1.3400e-003	9.0000e-005	1.4300e-003		19.9923	19.9923	1.1400e-003		20.0208
Worker	0.0541	0.0359	0.3326	1.1000e-003	0.1483	8.3000e-004	0.1491	0.0393	7.7000e-004	0.0401		109.2534	109.2534	2.5000e-003		109.3158
Total	**0.0561**	**0.1063**	**0.3539**	**1.2900e-003**	**0.1529**	**9.3000e-004**	**0.1539**	**0.0407**	**8.6000e-004**	**0.0415**		**129.2456**	**129.2456**	**3.6400e-003**		**129.3366**

3.4 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.5711	1,105.5711	0.3576		1,114.5102
Total	**0.5510**	**5.4820**	**7.0282**	**0.0114**		**0.2413**	**0.2413**		**0.2220**	**0.2220**		**1,105.5711**	**1,105.5711**	**0.3576**		**1,114.5102**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9300e-003	0.0691	0.0204	1.9000e-004	4.6500e-003	9.0000e-005	4.7400e-003	1.3400e-003	9.0000e-005	1.4200e-003		19.8941	19.8941	1.1400e-003		19.9227
Worker	0.0516	0.0327	0.3083	1.0500e-003	0.1483	8.0000e-004	0.1491	0.0393	7.4000e-004	0.0401		105.1956	105.1956	2.2600e-003		105.2521
Total	**0.0535**	**0.1018**	**0.3287**	**1.2400e-003**	**0.1529**	**8.9000e-004**	**0.1538**	**0.0407**	**8.3000e-004**	**0.0415**		**125.0896**	**125.0896**	**3.4000e-003**		**125.1748**

3.4 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220	0.0000	1,105.5711	1,105.5711	0.3576		1,114.5102
Total	**0.5510**	**5.4820**	**7.0282**	**0.0114**		**0.2413**	**0.2413**		**0.2220**	**0.2220**	**0.0000**	**1,105.5711**	**1,105.5711**	**0.3576**		**1,114.5102**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9300e-003	0.0691	0.0204	1.9000e-004	4.6500e-003	9.0000e-005	4.7400e-003	1.3400e-003	9.0000e-005	1.4200e-003		19.8941	19.8941	1.1400e-003		19.9227
Worker	0.0516	0.0327	0.3083	1.0500e-003	0.1483	8.0000e-004	0.1491	0.0393	7.4000e-004	0.0401		105.1956	105.1956	2.2600e-003		105.2521
Total	**0.0535**	**0.1018**	**0.3287**	**1.2400e-003**	**0.1529**	**8.9000e-004**	**0.1538**	**0.0407**	**8.3000e-004**	**0.0415**		**125.0896**	**125.0896**	**3.4000e-003**		**125.1748**

3.5 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.6768					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**32.8476**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0103	6.5300e-003	0.0617	2.1000e-004	0.0297	1.6000e-004	0.0298	7.8700e-003	1.5000e-004	8.0100e-003		21.0391	21.0391	4.5000e-004		21.0504
Total	**0.0103**	**6.5300e-003**	**0.0617**	**2.1000e-004**	**0.0297**	**1.6000e-004**	**0.0298**	**7.8700e-003**	**1.5000e-004**	**8.0100e-003**		**21.0391**	**21.0391**	**4.5000e-004**		**21.0504**

3.5 Architectural Coating - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.6768					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**32.8476**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0103	6.5300e-003	0.0617	2.1000e-004	0.0297	1.6000e-004	0.0298	7.8700e-003	1.5000e-004	8.0100e-003		21.0391	21.0391	4.5000e-004		21.0504
Total	**0.0103**	**6.5300e-003**	**0.0617**	**2.1000e-004**	**0.0297**	**1.6000e-004**	**0.0298**	**7.8700e-003**	**1.5000e-004**	**8.0100e-003**		**21.0391**	**21.0391**	**4.5000e-004**		**21.0504**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	13.00	5.00	5.00	33.00	48.00	19.00	77	19	4

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.602606	0.026011	0.198672	0.108173	0.017753	0.004949	0.012577	0.019761	0.002270	0.001100	0.004459	0.000730	0.000939

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	2.8700e-003	0.0261	0.0219	1.6000e-004		1.9800e-003	1.9800e-003		1.9800e-003	1.9800e-003		31.2959	31.2959	6.0000e-004	5.7000e-004	31.4818
NaturalGas Unmitigated	4.0900e-003	0.0372	0.0313	2.2000e-004		2.8300e-003	2.8300e-003		2.8300e-003	2.8300e-003		44.6383	44.6383	8.6000e-004	8.2000e-004	44.9035

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	379.425	4.0900e-003	0.0372	0.0313	2.2000e-004		2.8300e-003	2.8300e-003		2.8300e-003	2.8300e-003		44.6383	44.6383	8.6000e-004	8.2000e-004	44.9035
Total		**4.0900e-003**	**0.0372**	**0.0313**	**2.2000e-004**		**2.8300e-003**	**2.8300e-003**		**2.8300e-003**	**2.8300e-003**		**44.6383**	**44.6383**	**8.6000e-004**	**8.2000e-004**	**44.9035**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.266015	2.8700e-003	0.0261	0.0219	1.6000e-004		1.9800e-003	1.9800e-003		1.9800e-003	1.9800e-003		31.2959	31.2959	6.0000e-004	5.7000e-004	31.4818
Total		**2.8700e-003**	**0.0261**	**0.0219**	**1.6000e-004**		**1.9800e-003**	**1.9800e-003**		**1.9800e-003**	**1.9800e-003**		**31.2959**	**31.2959**	**6.0000e-004**	**5.7000e-004**	**31.4818**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.2348	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8500e-003	1.8500e-003	0.0000		1.9700e-003
Unmitigated	0.2348	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8500e-003	1.8500e-003	0.0000		1.9700e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0537					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1810					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.0000e-005	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8500e-003	1.8500e-003	0.0000		1.9700e-003
Total	**0.2348**	**1.0000e-005**	**8.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.8500e-003**	**1.8500e-003**	**0.0000**		**1.9700e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0537					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1810					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.0000e-005	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8500e-003	1.8500e-003	0.0000		1.9700e-003
Total	**0.2348**	**1.0000e-005**	**8.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.8500e-003**	**1.8500e-003**	**0.0000**		**1.9700e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Initial) Improvement - Vegetation and Trails

San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	86.00	User Defined Unit	86.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2027
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only component.

Land Use - Trail and vegetation area, excluding hardscape, buildings, camping areas and Phase 2 development.

Construction Phase - Vegetation and trail work

Off-road Equipment - Light grading and light equipment for initial installation of buffers and trail construction.

Grading - Grading would not be required 8 hrs per day for entire duration, but is represented as such for maximum potential emissions. Site is relatively flat already. Reduce Total acres graded to represent 2 passovers of entire acreage.

Trips and VMT - Reduced worker trips as most of the work would be done by Parks staff. Added vendor trucks to account for water trucks and dump trucks.

Consumer Products - Construction-only project.

Landscape Equipment - Construction-only project.

Energy Use -

Land Use Change -

Construction Off-road Equipment Mitigation - Water exposed area at least two times daily. Reduce vehicle speed to 15 mph on unpaved roads.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	155.00	129.00
tblConstructionPhase	PhaseEndDate	3/17/2027	6/30/2026
tblConstructionPhase	PhaseStartDate	8/13/2026	1/1/2026
tblGrading	AcresOfGrading	64.50	172.00
tblLandUse	LotAcreage	0.00	86.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	20.00	4.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2026	0.0384	0.4138	0.4007	9.0000e-004	0.0949	0.0142	0.1091	0.0109	0.0131	0.0239	0.0000	79.2110	79.2110	0.0238	0.0000	79.8071
Maximum	**0.0384**	**0.4138**	**0.4007**	**9.0000e-004**	**0.0949**	**0.0142**	**0.1091**	**0.0109**	**0.0131**	**0.0239**	**0.0000**	**79.2110**	**79.2110**	**0.0238**	**0.0000**	**79.8071**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2026	0.0384	0.4138	0.4007	9.0000e-004	0.0427	0.0142	0.0568	5.2100e-003	0.0131	0.0183	0.0000	79.2109	79.2109	0.0238	0.0000	79.8070
Maximum	**0.0384**	**0.4138**	**0.4007**	**9.0000e-004**	**0.0427**	**0.0142**	**0.0568**	**5.2100e-003**	**0.0131**	**0.0183**	**0.0000**	**79.2109**	**79.2109**	**0.0238**	**0.0000**	**79.8070**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**55.04**	**0.00**	**47.88**	**51.98**	**0.00**	**23.56**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2026**	**3-31-2026**	0.2253	0.2253
2	**4-1-2026**	**6-30-2026**	0.2278	0.2278
		Highest	0.2278	0.2278

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	1/1/2026	6/30/2026	5	129	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 172

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	0	8.00	158	0.38
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading	Scrapers	0	8.00	367	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	8	4.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0912	0.0000	0.0912	9.8500e-003	0.0000	9.8500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0371	0.3952	0.3905	8.3000e-004		0.0142	0.0142		0.0130	0.0130	0.0000	72.8113	72.8113	0.0236	0.0000	73.4000
Total	**0.0371**	**0.3952**	**0.3905**	**8.3000e-004**	**0.0912**	**0.0142**	**0.1054**	**9.8500e-003**	**0.0130**	**0.0229**	**0.0000**	**72.8113**	**72.8113**	**0.0236**	**0.0000**	**73.4000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.8000e-004	0.0181	4.9800e-003	5.0000e-005	1.1700e-003	2.0000e-005	1.2000e-003	3.4000e-004	2.0000e-005	3.6000e-004	0.0000	4.7450	4.7450	2.6000e-004	0.0000	4.7515
Worker	7.9000e-004	5.5000e-004	5.3000e-003	2.0000e-005	2.4800e-003	1.0000e-005	2.5000e-003	6.6000e-004	1.0000e-005	6.7000e-004	0.0000	1.6548	1.6548	4.0000e-005	0.0000	1.6557
Total	**1.2700e-003**	**0.0186**	**0.0103**	**7.0000e-005**	**3.6500e-003**	**3.0000e-005**	**3.7000e-003**	**1.0000e-003**	**3.0000e-005**	**1.0300e-003**	**0.0000**	**6.3998**	**6.3998**	**3.0000e-004**	**0.0000**	**6.4071**

3.2 Grading - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0390	0.0000	0.0390	4.2100e-003	0.0000	4.2100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0371	0.3952	0.3905	8.3000e-004		0.0142	0.0142		0.0130	0.0130	0.0000	72.8112	72.8112	0.0236	0.0000	73.3999
Total	**0.0371**	**0.3952**	**0.3905**	**8.3000e-004**	**0.0390**	**0.0142**	**0.0531**	**4.2100e-003**	**0.0130**	**0.0172**	**0.0000**	**72.8112**	**72.8112**	**0.0236**	**0.0000**	**73.3999**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.8000e-004	0.0181	4.9800e-003	5.0000e-005	1.1700e-003	2.0000e-005	1.2000e-003	3.4000e-004	2.0000e-005	3.6000e-004	0.0000	4.7450	4.7450	2.6000e-004	0.0000	4.7515
Worker	7.9000e-004	5.5000e-004	5.3000e-003	2.0000e-005	2.4800e-003	1.0000e-005	2.5000e-003	6.6000e-004	1.0000e-005	6.7000e-004	0.0000	1.6548	1.6548	4.0000e-005	0.0000	1.6557
Total	**1.2700e-003**	**0.0186**	**0.0103**	**7.0000e-005**	**3.6500e-003**	**3.0000e-005**	**3.7000e-003**	**1.0000e-003**	**3.0000e-005**	**1.0300e-003**	**0.0000**	**6.3998**	**6.3998**	**3.0000e-004**	**0.0000**	**6.4071**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.602606	0.026011	0.198672	0.108173	0.017753	0.004949	0.012577	0.019761	0.002270	0.001100	0.004459	0.000730	0.000939

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**					**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**					**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Recreational	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Recreational	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Initial) Improvement - Vegetation and Trails

San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	86.00	User Defined Unit	86.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2027
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only component.

Land Use - Trail and vegetation area, excluding hardscape, buildings, camping areas and Phase 2 development.

Construction Phase - Vegetation and trail work

Off-road Equipment - Light grading and light equipment for initial installation of buffers and trail construction.

Grading - Grading would not be required 8 hrs per day for entire duration, but is represented as such for maximum potential emissions. Site is relatively flat already. Reduce Total acres graded to represent 2 passovers of entire acreage.

Trips and VMT - Reduced worker trips as most of the work would be done by Parks staff. Added vendor trucks to account for water trucks and dump trucks.

Consumer Products - Construction-only project.

Landscape Equipment - Construction-only project.

Energy Use -

Land Use Change -

Construction Off-road Equipment Mitigation - Water exposed area at least two times daily. Reduce vehicle speed to 15 mph on unpaved roads.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	155.00	129.00
tblConstructionPhase	PhaseEndDate	3/17/2027	6/30/2026
tblConstructionPhase	PhaseStartDate	8/13/2026	1/1/2026
tblGrading	AcresOfGrading	64.50	172.00
tblLandUse	LotAcreage	0.00	86.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	20.00	4.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2026	0.5945	6.4134	6.2116	0.0139	1.4721	0.2200	1.6921	0.1685	0.2024	0.3709	0.0000	1,355.9715	1,355.9715	0.4074	0.0000	1,366.1559
Maximum	**0.5945**	**6.4134**	**6.2116**	**0.0139**	**1.4721**	**0.2200**	**1.6921**	**0.1685**	**0.2024**	**0.3709**	**0.0000**	**1,355.9715**	**1,355.9715**	**0.4074**	**0.0000**	**1,366.1559**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2026	0.5945	6.4134	6.2116	0.0139	0.6626	0.2200	0.8826	0.0811	0.2024	0.2835	0.0000	1,355.9715	1,355.9715	0.4074	0.0000	1,366.1559
Maximum	**0.5945**	**6.4134**	**6.2116**	**0.0139**	**0.6626**	**0.2200**	**0.8826**	**0.0811**	**0.2024**	**0.2835**	**0.0000**	**1,355.9715**	**1,355.9715**	**0.4074**	**0.0000**	**1,366.1559**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**54.99**	**0.00**	**47.84**	**51.87**	**0.00**	**23.56**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	8.1000e-004	8.0000e-005	8.7600e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0188	0.0188	5.0000e-005		0.0201
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**8.1000e-004**	**8.0000e-005**	**8.7600e-003**	**0.0000**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**3.0000e-005**		**0.0188**	**0.0188**	**5.0000e-005**	**0.0000**	**0.0201**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	8.1000e-004	8.0000e-005	8.7600e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0188	0.0188	5.0000e-005		0.0201
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**8.1000e-004**	**8.0000e-005**	**8.7600e-003**	**0.0000**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**3.0000e-005**		**0.0188**	**0.0188**	**5.0000e-005**	**0.0000**	**0.0201**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	1/1/2026	6/30/2026	5	129	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 172

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	0	8.00	158	0.38
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading	Scrapers	0	8.00	367	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	8	4.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4140	0.0000	1.4140	0.1527	0.0000	0.1527			0.0000			0.0000
Off-Road	0.5754	6.1269	6.0534	0.0129		0.2194	0.2194		0.2019	0.2019		1,244.3513	1,244.3513	0.4025		1,254.4125
Total	**0.5754**	**6.1269**	**6.0534**	**0.0129**	**1.4140**	**0.2194**	**1.6334**	**0.1527**	**0.2019**	**0.3546**		**1,244.3513**	**1,244.3513**	**0.4025**		**1,254.4125**

3.2 Grading - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.2400e-003	0.2789	0.0725	7.7000e-004	0.0186	3.4000e-004	0.0189	5.3500e-003	3.3000e-004	5.6800e-003		82.1918	82.1918	4.3000e-003		82.2992
Worker	0.0119	7.6900e-003	0.0857	3.0000e-004	0.0395	2.1000e-004	0.0398	0.0105	2.0000e-004	0.0107		29.4283	29.4283	6.3000e-004		29.4441
Total	**0.0191**	**0.2866**	**0.1581**	**1.0700e-003**	**0.0581**	**5.5000e-004**	**0.0587**	**0.0158**	**5.3000e-004**	**0.0164**		**111.6202**	**111.6202**	**4.9300e-003**		**111.7434**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6045	0.0000	0.6045	0.0653	0.0000	0.0653			0.0000			0.0000
Off-Road	0.5754	6.1269	6.0534	0.0129		0.2194	0.2194		0.2019	0.2019	0.0000	1,244.3513	1,244.3513	0.4025		1,254.4125
Total	**0.5754**	**6.1269**	**6.0534**	**0.0129**	**0.6045**	**0.2194**	**0.8239**	**0.0653**	**0.2019**	**0.2672**	**0.0000**	**1,244.3513**	**1,244.3513**	**0.4025**		**1,254.4125**

3.2 Grading - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.2400e-003	0.2789	0.0725	7.7000e-004	0.0186	3.4000e-004	0.0189	5.3500e-003	3.3000e-004	5.6800e-003		82.1918	82.1918	4.3000e-003		82.2992
Worker	0.0119	7.6900e-003	0.0857	3.0000e-004	0.0395	2.1000e-004	0.0398	0.0105	2.0000e-004	0.0107		29.4283	29.4283	6.3000e-004		29.4441
Total	**0.0191**	**0.2866**	**0.1581**	**1.0700e-003**	**0.0581**	**5.5000e-004**	**0.0587**	**0.0158**	**5.3000e-004**	**0.0164**		**111.6202**	**111.6202**	**4.9300e-003**		**111.7434**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.602606	0.026011	0.198672	0.108173	0.017753	0.004949	0.012577	0.019761	0.002270	0.001100	0.004459	0.000730	0.000939

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	8.1000e-004	8.0000e-005	8.7600e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0188	0.0188	5.0000e-005		0.0201
Unmitigated	8.1000e-004	8.0000e-005	8.7600e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0188	0.0188	5.0000e-005		0.0201

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.1000e-004	8.0000e-005	8.7600e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0188	0.0188	5.0000e-005		0.0201
Total	**8.1000e-004**	**8.0000e-005**	**8.7600e-003**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**		**0.0188**	**0.0188**	**5.0000e-005**		**0.0201**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.1000e-004	8.0000e-005	8.7600e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0188	0.0188	5.0000e-005		0.0201
Total	**8.1000e-004**	**8.0000e-005**	**8.7600e-003**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**		**0.0188**	**0.0188**	**5.0000e-005**		**0.0201**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Initial) Improvement - Vegetation and Trails

San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	86.00	User Defined Unit	86.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2027
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only component.

Land Use - Trail and vegetation area, excluding hardscape, buildings, camping areas and Phase 2 development.

Construction Phase - Vegetation and trail work

Off-road Equipment - Light grading and light equipment for initial installation of buffers and trail construction.

Grading - Grading would not be required 8 hrs per day for entire duration, but is represented as such for maximum potential emissions. Site is relatively flat already. Reduce Total acres graded to represent 2 passovers of entire acreage.

Trips and VMT - Reduced worker trips as most of the work would be done by Parks staff. Added vendor trucks to account for water trucks and dump trucks.

Consumer Products - Construction-only project.

Landscape Equipment - Construction-only project.

Energy Use -

Land Use Change -

Construction Off-road Equipment Mitigation - Water exposed area at least two times daily. Reduce vehicle speed to 15 mph on unpaved roads.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	155.00	129.00
tblConstructionPhase	PhaseEndDate	3/17/2027	6/30/2026
tblConstructionPhase	PhaseStartDate	8/13/2026	1/1/2026
tblGrading	AcresOfGrading	64.50	172.00
tblLandUse	LotAcreage	0.00	86.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	20.00	4.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2026	0.5968	6.4121	6.2171	0.0139	1.4721	0.2200	1.6922	0.1685	0.2024	0.3710	0.0000	1,351.9797	1,351.9797	0.4076	0.0000	1,362.1705
Maximum	**0.5968**	**6.4121**	**6.2171**	**0.0139**	**1.4721**	**0.2200**	**1.6922**	**0.1685**	**0.2024**	**0.3710**	**0.0000**	**1,351.9797**	**1,351.9797**	**0.4076**	**0.0000**	**1,362.1705**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2026	0.5968	6.4121	6.2171	0.0139	0.6626	0.2200	0.8826	0.0811	0.2024	0.2836	0.0000	1,351.9797	1,351.9797	0.4076	0.0000	1,362.1705
Maximum	**0.5968**	**6.4121**	**6.2171**	**0.0139**	**0.6626**	**0.2200**	**0.8826**	**0.0811**	**0.2024**	**0.2836**	**0.0000**	**1,351.9797**	**1,351.9797**	**0.4076**	**0.0000**	**1,362.1705**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**54.99**	**0.00**	**47.84**	**51.87**	**0.00**	**23.56**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	8.1000e-004	8.0000e-005	8.7600e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0188	0.0188	5.0000e-005		0.0201
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**8.1000e-004**	**8.0000e-005**	**8.7600e-003**	**0.0000**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**3.0000e-005**		**0.0188**	**0.0188**	**5.0000e-005**	**0.0000**	**0.0201**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	8.1000e-004	8.0000e-005	8.7600e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0188	0.0188	5.0000e-005		0.0201
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**8.1000e-004**	**8.0000e-005**	**8.7600e-003**	**0.0000**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**3.0000e-005**		**0.0188**	**0.0188**	**5.0000e-005**	**0.0000**	**0.0201**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	1/1/2026	6/30/2026	5	129	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 172

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	0	8.00	158	0.38
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading	Scrapers	0	8.00	367	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	8	4.00	4.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4140	0.0000	1.4140	0.1527	0.0000	0.1527			0.0000			0.0000
Off-Road	0.5754	6.1269	6.0534	0.0129		0.2194	0.2194		0.2019	0.2019		1,244.3513	1,244.3513	0.4025		1,254.4125
Total	**0.5754**	**6.1269**	**6.0534**	**0.0129**	**1.4140**	**0.2194**	**1.6334**	**0.1527**	**0.2019**	**0.3546**		**1,244.3513**	**1,244.3513**	**0.4025**		**1,254.4125**

3.2 Grading - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.7200e-003	0.2765	0.0815	7.4000e-004	0.0186	3.6000e-004	0.0190	5.3500e-003	3.4000e-004	5.7000e-003		79.5762	79.5762	4.5800e-003		79.6907
Worker	0.0138	8.7100e-003	0.0822	2.8000e-004	0.0395	2.1000e-004	0.0398	0.0105	2.0000e-004	0.0107		28.0522	28.0522	6.0000e-004		28.0672
Total	**0.0215**	**0.2852**	**0.1637**	**1.0200e-003**	**0.0581**	**5.7000e-004**	**0.0587**	**0.0158**	**5.4000e-004**	**0.0164**		**107.6284**	**107.6284**	**5.1800e-003**		**107.7579**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6045	0.0000	0.6045	0.0653	0.0000	0.0653			0.0000			0.0000
Off-Road	0.5754	6.1269	6.0534	0.0129		0.2194	0.2194		0.2019	0.2019	0.0000	1,244.3513	1,244.3513	0.4025		1,254.4125
Total	**0.5754**	**6.1269**	**6.0534**	**0.0129**	**0.6045**	**0.2194**	**0.8239**	**0.0653**	**0.2019**	**0.2672**	**0.0000**	**1,244.3513**	**1,244.3513**	**0.4025**		**1,254.4125**

3.2 Grading - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.7200e-003	0.2765	0.0815	7.4000e-004	0.0186	3.6000e-004	0.0190	5.3500e-003	3.4000e-004	5.7000e-003		79.5762	79.5762	4.5800e-003		79.6907
Worker	0.0138	8.7100e-003	0.0822	2.8000e-004	0.0395	2.1000e-004	0.0398	0.0105	2.0000e-004	0.0107		28.0522	28.0522	6.0000e-004		28.0672
Total	**0.0215**	**0.2852**	**0.1637**	**1.0200e-003**	**0.0581**	**5.7000e-004**	**0.0587**	**0.0158**	**5.4000e-004**	**0.0164**		**107.6284**	**107.6284**	**5.1800e-003**		**107.7579**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.602606	0.026011	0.198672	0.108173	0.017753	0.004949	0.012577	0.019761	0.002270	0.001100	0.004459	0.000730	0.000939

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	8.1000e-004	8.0000e-005	8.7600e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0188	0.0188	5.0000e-005		0.0201
Unmitigated	8.1000e-004	8.0000e-005	8.7600e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0188	0.0188	5.0000e-005		0.0201

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.1000e-004	8.0000e-005	8.7600e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0188	0.0188	5.0000e-005		0.0201
Total	**8.1000e-004**	**8.0000e-005**	**8.7600e-003**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**		**0.0188**	**0.0188**	**5.0000e-005**		**0.0201**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.1000e-004	8.0000e-005	8.7600e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0188	0.0188	5.0000e-005		0.0201
Total	**8.1000e-004**	**8.0000e-005**	**8.7600e-003**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**		**0.0188**	**0.0188**	**5.0000e-005**		**0.0201**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Initial) Improvement Project

San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	0.28	Acre	0.28	12,196.80	0
Other Asphalt Surfaces	1.31	Acre	1.31	57,063.60	0
Other Non-Asphalt Surfaces	4.66	Acre	4.66	202,989.60	0
General Office Building	3.65	1000sqft	0.08	3,650.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2028
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	294	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Utility CO2 intensity factor based on PG&E 2018 Corporate Responsibility and Sustainability Report.

Land Use - Land use represents hardscape, campgounds, buildings. Trails and vegetative buffers modeled separately.

Construction Phase - Construction start after initial vegetation removal work (modeled separately). Phase durations increased proportionally to defaults for assumed total 2 year construction duration of project (inclusive of initial vegetation removal).

Grading -

Demolition -

Trips and VMT - Added vendor trips to account for water trucks.

Architectural Coating -

Vehicle Trips - No increase in vehicle activity.

Energy Use -

Land Use Change -

Construction Off-road Equipment Mitigation - Water exposed areas at least twice daily. Replace Ground Cover of Area Disturbed. Limit vehicle speed on unpaved roadways.

Energy Mitigation - Exceed 2016 Title 24 default to represent more recent Title 24 Code as of Jan 1, 2020.

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Initial) Improvement Project - San Luis Obispo County, Annual

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	29.00
tblConstructionPhase	NumDays	230.00	332.00
tblConstructionPhase	NumDays	20.00	26.00
tblConstructionPhase	NumDays	20.00	28.00
tblConstructionPhase	NumDays	20.00	29.00
tblConstructionPhase	NumDays	10.00	14.00
tblConstructionPhase	PhaseEndDate	3/24/2027	12/31/2027
tblConstructionPhase	PhaseEndDate	1/27/2027	10/12/2027
tblConstructionPhase	PhaseEndDate	1/28/2026	5/6/2026
tblConstructionPhase	PhaseEndDate	3/11/2026	7/3/2026
tblConstructionPhase	PhaseEndDate	2/24/2027	11/22/2027
tblConstructionPhase	PhaseEndDate	2/11/2026	5/26/2026
tblConstructionPhase	PhaseStartDate	2/25/2027	11/23/2027
tblConstructionPhase	PhaseStartDate	3/12/2026	7/4/2026
tblConstructionPhase	PhaseStartDate	1/1/2026	4/1/2026
tblConstructionPhase	PhaseStartDate	2/12/2026	5/27/2026
tblConstructionPhase	PhaseStartDate	1/28/2027	10/13/2027
tblConstructionPhase	PhaseStartDate	1/29/2026	5/7/2026
tblProjectCharacteristics	CO2IntensityFactor	641.35	294
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	WD_TR	11.03	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2026	0.1840	1.6704	1.8410	4.0600e-003	0.3096	0.0621	0.3717	0.1412	0.0580	0.1992	0.0000	359.9513	359.9513	0.0710	0.0000	361.7259
2027	0.2995	1.7445	2.1894	4.8100e-003	0.1394	0.0614	0.2008	0.0375	0.0576	0.0952	0.0000	428.0757	428.0757	0.0711	0.0000	429.8521
Maximum	**0.2995**	**1.7445**	**2.1894**	**4.8100e-003**	**0.3096**	**0.0621**	**0.3717**	**0.1412**	**0.0580**	**0.1992**	**0.0000**	**428.0757**	**428.0757**	**0.0711**	**0.0000**	**429.8521**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2026	0.1840	1.6704	1.8410	4.0600e-003	0.1843	0.0621	0.2464	0.0743	0.0580	0.1323	0.0000	359.9510	359.9510	0.0710	0.0000	361.7256
2027	0.2995	1.7445	2.1894	4.8100e-003	0.1394	0.0614	0.2008	0.0375	0.0576	0.0952	0.0000	428.0754	428.0754	0.0711	0.0000	429.8518
Maximum	**0.2995**	**1.7445**	**2.1894**	**4.8100e-003**	**0.1843**	**0.0621**	**0.2464**	**0.0743**	**0.0580**	**0.1323**	**0.0000**	**428.0754**	**428.0754**	**0.0711**	**0.0000**	**429.8518**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**27.91**	**0.00**	**21.89**	**37.40**	**0.00**	**22.71**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
2	**4-1-2026**	**6-30-2026**	0.6897	0.6897
3	**7-1-2026**	**9-30-2026**	0.5784	0.5784
4	**10-1-2026**	**12-31-2026**	0.5811	0.5811
5	**1-1-2027**	**3-31-2027**	0.5652	0.5652
6	**4-1-2027**	**6-30-2027**	0.5696	0.5696
7	**7-1-2027**	**9-30-2027**	0.5759	0.5759
		Highest	0.6897	0.6897

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0418	0.0000	1.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.2000e-004	3.2000e-004	0.0000	0.0000	3.5000e-004
Energy	3.2000e-004	2.9300e-003	2.4600e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	12.4366	12.4366	9.7000e-004	2.5000e-004	12.5345
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.6881	0.0000	0.6881	0.0407	0.0000	1.7048
Water						0.0000	0.0000		0.0000	0.0000	0.2058	0.6537	0.8595	0.0212	5.1000e-004	1.5423
Total	**0.0421**	**2.9300e-003**	**2.6300e-003**	**2.0000e-005**	**0.0000**	**2.2000e-004**	**2.2000e-004**	**0.0000**	**2.2000e-004**	**2.2000e-004**	**0.8940**	**13.0906**	**13.9845**	**0.0628**	**7.6000e-004**	**15.7820**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0418	0.0000	1.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.2000e-004	3.2000e-004	0.0000	0.0000	3.5000e-004
Energy	2.3000e-004	2.0500e-003	1.7200e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	10.5913	10.5913	8.7000e-004	2.1000e-004	10.6760
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.6881	0.0000	0.6881	0.0407	0.0000	1.7048
Water						0.0000	0.0000		0.0000	0.0000	0.2058	0.6537	0.8595	0.0212	5.1000e-004	1.5423
Total	**0.0420**	**2.0500e-003**	**1.8900e-003**	**1.0000e-005**	**0.0000**	**1.6000e-004**	**1.6000e-004**	**0.0000**	**1.6000e-004**	**1.6000e-004**	**0.8940**	**11.2453**	**12.1393**	**0.0627**	**7.2000e-004**	**13.9235**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.21**	**30.03**	**28.14**	**50.00**	**0.00**	**27.27**	**27.27**	**0.00**	**27.27**	**27.27**	**0.00**	**14.10**	**13.20**	**0.16**	**5.26**	**11.78**

2.3 Vegetation

Vegetation

	CO2e
Category	MT
Vegetation Land Change	-843.9530
Total	**-843.9530**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2026	5/6/2026	5	26	
2	Site Preparation	Site Preparation	5/7/2026	5/26/2026	5	14	
3	Grading	Grading	5/27/2026	7/3/2026	5	28	
4	Building Construction	Building Construction	7/4/2026	10/12/2027	5	332	
5	Paving	Paving	10/13/2027	11/22/2027	5	29	
6	Architectural Coating	Architectural Coating	11/23/2027	12/31/2027	5	29	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 14

Acres of Paving: 6.25

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 5,475; Non-Residential Outdoor: 1,825; Striped Parking Area: 16,335 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	1	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	2.00	6.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	116.00	45.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	23.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.6000e-004	0.0000	6.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0272	0.2496	0.2524	5.0000e-004		0.0111	0.0111		0.0103	0.0103	0.0000	44.1970	44.1970	0.0123	0.0000	44.5055
Total	**0.0272**	**0.2496**	**0.2524**	**5.0000e-004**	**6.6000e-004**	**0.0111**	**0.0118**	**1.0000e-004**	**0.0103**	**0.0104**	**0.0000**	**44.1970**	**44.1970**	**0.0123**	**0.0000**	**44.5055**

3.2 Demolition - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	5.1000e-004	1.7000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.2152	0.2152	1.0000e-005	0.0000	0.2155
Vendor	5.0000e-005	1.8200e-003	5.0000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	4.0000e-005	0.0000	0.4782	0.4782	3.0000e-005	0.0000	0.4788
Worker	5.9000e-004	4.2000e-004	4.0100e-003	1.0000e-005	1.8800e-003	1.0000e-005	1.8900e-003	5.0000e-004	1.0000e-005	5.1000e-004	0.0000	1.2507	1.2507	3.0000e-005	0.0000	1.2514
Total	**6.5000e-004**	**2.7500e-003**	**4.6800e-003**	**1.0000e-005**	**2.0500e-003**	**1.0000e-005**	**2.0600e-003**	**5.4000e-004**	**1.0000e-005**	**5.7000e-004**	**0.0000**	**1.9441**	**1.9441**	**7.0000e-005**	**0.0000**	**1.9457**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.8000e-004	0.0000	2.8000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0272	0.2496	0.2524	5.0000e-004		0.0111	0.0111		0.0103	0.0103	0.0000	44.1969	44.1969	0.0123	0.0000	44.5054
Total	**0.0272**	**0.2496**	**0.2524**	**5.0000e-004**	**2.8000e-004**	**0.0111**	**0.0114**	**4.0000e-005**	**0.0103**	**0.0103**	**0.0000**	**44.1969**	**44.1969**	**0.0123**	**0.0000**	**44.5054**

3.2 Demolition - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	5.1000e-004	1.7000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.2152	0.2152	1.0000e-005	0.0000	0.2155
Vendor	5.0000e-005	1.8200e-003	5.0000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	4.0000e-005	0.0000	0.4782	0.4782	3.0000e-005	0.0000	0.4788
Worker	5.9000e-004	4.2000e-004	4.0100e-003	1.0000e-005	1.8800e-003	1.0000e-005	1.8900e-003	5.0000e-004	1.0000e-005	5.1000e-004	0.0000	1.2507	1.2507	3.0000e-005	0.0000	1.2514
Total	**6.5000e-004**	**2.7500e-003**	**4.6800e-003**	**1.0000e-005**	**2.0500e-003**	**1.0000e-005**	**2.0600e-003**	**5.4000e-004**	**1.0000e-005**	**5.7000e-004**	**0.0000**	**1.9441**	**1.9441**	**7.0000e-005**	**0.0000**	**1.9457**

3.3 Site Preparation - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1265	0.0000	0.1265	0.0695	0.0000	0.0695	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0173	0.1766	0.1254	2.7000e-004		7.6100e-003	7.6100e-003		7.0000e-003	7.0000e-003	0.0000	23.4269	23.4269	7.5800e-003	0.0000	23.6163
Total	**0.0173**	**0.1766**	**0.1254**	**2.7000e-004**	**0.1265**	**7.6100e-003**	**0.1341**	**0.0695**	**7.0000e-003**	**0.0765**	**0.0000**	**23.4269**	**23.4269**	**7.5800e-003**	**0.0000**	**23.6163**

3.3 Site Preparation - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	9.8000e-004	2.7000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2575	0.2575	1.0000e-005	0.0000	0.2578
Worker	3.8000e-004	2.7000e-004	2.5900e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.8082	0.8082	2.0000e-005	0.0000	0.8086
Total	**4.1000e-004**	**1.2500e-003**	**2.8600e-003**	**1.0000e-005**	**1.2700e-003**	**1.0000e-005**	**1.2800e-003**	**3.4000e-004**	**1.0000e-005**	**3.5000e-004**	**0.0000**	**1.0656**	**1.0656**	**3.0000e-005**	**0.0000**	**1.0664**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0541	0.0000	0.0541	0.0297	0.0000	0.0297	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0173	0.1766	0.1254	2.7000e-004		7.6100e-003	7.6100e-003		7.0000e-003	7.0000e-003	0.0000	23.4269	23.4269	7.5800e-003	0.0000	23.6163
Total	**0.0173**	**0.1766**	**0.1254**	**2.7000e-004**	**0.0541**	**7.6100e-003**	**0.0617**	**0.0297**	**7.0000e-003**	**0.0367**	**0.0000**	**23.4269**	**23.4269**	**7.5800e-003**	**0.0000**	**23.6163**

3.3 Site Preparation - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	9.8000e-004	2.7000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2575	0.2575	1.0000e-005	0.0000	0.2578
Worker	3.8000e-004	2.7000e-004	2.5900e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.8082	0.8082	2.0000e-005	0.0000	0.8086
Total	**4.1000e-004**	**1.2500e-003**	**2.8600e-003**	**1.0000e-005**	**1.2700e-003**	**1.0000e-005**	**1.2800e-003**	**3.4000e-004**	**1.0000e-005**	**3.5000e-004**	**0.0000**	**1.0656**	**1.0656**	**3.0000e-005**	**0.0000**	**1.0664**

3.4 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0917	0.0000	0.0917	0.0471	0.0000	0.0471	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0213	0.2144	0.2036	4.2000e-004		8.7300e-003	8.7300e-003		8.0300e-003	8.0300e-003	0.0000	36.4977	36.4977	0.0118	0.0000	36.7928
Total	**0.0213**	**0.2144**	**0.2036**	**4.2000e-004**	**0.0917**	**8.7300e-003**	**0.1005**	**0.0471**	**8.0300e-003**	**0.0552**	**0.0000**	**36.4977**	**36.4977**	**0.0118**	**0.0000**	**36.7928**

3.4 Grading - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.9600e-003	5.4000e-004	1.0000e-005	1.3000e-004	0.0000	1.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.5150	0.5150	3.0000e-005	0.0000	0.5157
Worker	6.4000e-004	4.5000e-004	4.3200e-003	1.0000e-005	2.0200e-003	1.0000e-005	2.0300e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.3469	1.3469	3.0000e-005	0.0000	1.3477
Total	**6.9000e-004**	**2.4100e-003**	**4.8600e-003**	**2.0000e-005**	**2.1500e-003**	**1.0000e-005**	**2.1600e-003**	**5.8000e-004**	**1.0000e-005**	**5.9000e-004**	**0.0000**	**1.8619**	**1.8619**	**6.0000e-005**	**0.0000**	**1.8633**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0392	0.0000	0.0392	0.0202	0.0000	0.0202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0213	0.2144	0.2036	4.2000e-004		8.7300e-003	8.7300e-003		8.0300e-003	8.0300e-003	0.0000	36.4977	36.4977	0.0118	0.0000	36.7928
Total	**0.0213**	**0.2144**	**0.2036**	**4.2000e-004**	**0.0392**	**8.7300e-003**	**0.0480**	**0.0202**	**8.0300e-003**	**0.0282**	**0.0000**	**36.4977**	**36.4977**	**0.0118**	**0.0000**	**36.7928**

3.4 Grading - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.9600e-003	5.4000e-004	1.0000e-005	1.3000e-004	0.0000	1.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.5150	0.5150	3.0000e-005	0.0000	0.5157
Worker	6.4000e-004	4.5000e-004	4.3200e-003	1.0000e-005	2.0200e-003	1.0000e-005	2.0300e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.3469	1.3469	3.0000e-005	0.0000	1.3477
Total	**6.9000e-004**	**2.4100e-003**	**4.8600e-003**	**2.0000e-005**	**2.1500e-003**	**1.0000e-005**	**2.1600e-003**	**5.8000e-004**	**1.0000e-005**	**5.9000e-004**	**0.0000**	**1.8619**	**1.8619**	**6.0000e-005**	**0.0000**	**1.8633**

3.5 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0882	0.8043	1.0375	1.7400e-003		0.0340	0.0340		0.0320	0.0320	0.0000	149.5881	149.5881	0.0352	0.0000	150.4671
Total	**0.0882**	**0.8043**	**1.0375**	**1.7400e-003**		**0.0340**	**0.0340**		**0.0320**	**0.0320**	**0.0000**	**149.5881**	**149.5881**	**0.0352**	**0.0000**	**150.4671**

3.5 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.4100e-003	0.2031	0.0560	5.5000e-004	0.0132	2.5000e-004	0.0135	3.8100e-003	2.4000e-004	4.0600e-003	0.0000	53.3809	53.3809	2.9100e-003	0.0000	53.4538
Worker	0.0228	0.0160	0.1538	5.3000e-004	0.0720	4.0000e-004	0.0724	0.0191	3.7000e-004	0.0195	0.0000	47.9892	47.9892	1.0300e-003	0.0000	48.0149
Total	**0.0282**	**0.2191**	**0.2098**	**1.0800e-003**	**0.0852**	**6.5000e-004**	**0.0859**	**0.0230**	**6.1000e-004**	**0.0236**	**0.0000**	**101.3701**	**101.3701**	**3.9400e-003**	**0.0000**	**101.4687**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0882	0.8043	1.0375	1.7400e-003		0.0340	0.0340		0.0320	0.0320	0.0000	149.5879	149.5879	0.0352	0.0000	150.4670
Total	**0.0882**	**0.8043**	**1.0375**	**1.7400e-003**		**0.0340**	**0.0340**		**0.0320**	**0.0320**	**0.0000**	**149.5879**	**149.5879**	**0.0352**	**0.0000**	**150.4670**

3.5 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.4100e-003	0.2031	0.0560	5.5000e-004	0.0132	2.5000e-004	0.0135	3.8100e-003	2.4000e-004	4.0600e-003	0.0000	53.3809	53.3809	2.9100e-003	0.0000	53.4538
Worker	0.0228	0.0160	0.1538	5.3000e-004	0.0720	4.0000e-004	0.0724	0.0191	3.7000e-004	0.0195	0.0000	47.9892	47.9892	1.0300e-003	0.0000	48.0149
Total	**0.0282**	**0.2191**	**0.2098**	**1.0800e-003**	**0.0852**	**6.5000e-004**	**0.0859**	**0.0230**	**6.1000e-004**	**0.0236**	**0.0000**	**101.3701**	**101.3701**	**3.9400e-003**	**0.0000**	**101.4687**

3.5 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1388	1.2657	1.6326	2.7400e-003		0.0536	0.0536		0.0504	0.0504	0.0000	235.3982	235.3982	0.0553	0.0000	236.7816
Total	**0.1388**	**1.2657**	**1.6326**	**2.7400e-003**		**0.0536**	**0.0536**		**0.0504**	**0.0504**	**0.0000**	**235.3982**	**235.3982**	**0.0553**	**0.0000**	**236.7816**

3.5 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.1700e-003	0.3139	0.0843	8.6000e-004	0.0208	3.7000e-004	0.0212	6.0000e-003	3.6000e-004	6.3600e-003	0.0000	83.6252	83.6252	4.6000e-003	0.0000	83.7401
Worker	0.0340	0.0229	0.2244	8.1000e-004	0.1134	6.0000e-004	0.1140	0.0301	5.5000e-004	0.0307	0.0000	72.9101	72.9101	1.4700e-003	0.0000	72.9467
Total	**0.0422**	**0.3367**	**0.3087**	**1.6700e-003**	**0.1341**	**9.7000e-004**	**0.1351**	**0.0361**	**9.1000e-004**	**0.0370**	**0.0000**	**156.5353**	**156.5353**	**6.0700e-003**	**0.0000**	**156.6868**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1388	1.2657	1.6326	2.7400e-003		0.0536	0.0536		0.0504	0.0504	0.0000	235.3980	235.3980	0.0553	0.0000	236.7813
Total	**0.1388**	**1.2657**	**1.6326**	**2.7400e-003**		**0.0536**	**0.0536**		**0.0504**	**0.0504**	**0.0000**	**235.3980**	**235.3980**	**0.0553**	**0.0000**	**236.7813**

3.5 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.1700e-003	0.3139	0.0843	8.6000e-004	0.0208	3.7000e-004	0.0212	6.0000e-003	3.6000e-004	6.3600e-003	0.0000	83.6252	83.6252	4.6000e-003	0.0000	83.7401
Worker	0.0340	0.0229	0.2244	8.1000e-004	0.1134	6.0000e-004	0.1140	0.0301	5.5000e-004	0.0307	0.0000	72.9101	72.9101	1.4700e-003	0.0000	72.9467
Total	**0.0422**	**0.3367**	**0.3087**	**1.6700e-003**	**0.1341**	**9.7000e-004**	**0.1351**	**0.0361**	**9.1000e-004**	**0.0370**	**0.0000**	**156.5353**	**156.5353**	**6.0700e-003**	**0.0000**	**156.6868**

3.6 Paving - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0133	0.1244	0.2114	3.3000e-004		6.0700e-003	6.0700e-003		5.5800e-003	5.5800e-003	0.0000	29.0279	29.0279	9.3900e-003	0.0000	29.2626
Paving	2.0800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0154**	**0.1244**	**0.2114**	**3.3000e-004**		**6.0700e-003**	**6.0700e-003**		**5.5800e-003**	**5.5800e-003**	**0.0000**	**29.0279**	**29.0279**	**9.3900e-003**	**0.0000**	**29.2626**

3.6 Paving - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3000e-004	4.2000e-004	4.1400e-003	1.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.3469	1.3469	3.0000e-005	0.0000	1.3475
Total	**6.3000e-004**	**4.2000e-004**	**4.1400e-003**	**1.0000e-005**	**2.0900e-003**	**1.0000e-005**	**2.1000e-003**	**5.6000e-004**	**1.0000e-005**	**5.7000e-004**	**0.0000**	**1.3469**	**1.3469**	**3.0000e-005**	**0.0000**	**1.3475**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0133	0.1244	0.2114	3.3000e-004		6.0700e-003	6.0700e-003		5.5800e-003	5.5800e-003	0.0000	29.0279	29.0279	9.3900e-003	0.0000	29.2626
Paving	2.0800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0154**	**0.1244**	**0.2114**	**3.3000e-004**		**6.0700e-003**	**6.0700e-003**		**5.5800e-003**	**5.5800e-003**	**0.0000**	**29.0279**	**29.0279**	**9.3900e-003**	**0.0000**	**29.2626**

3.6 Paving - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3000e-004	4.2000e-004	4.1400e-003	1.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.3469	1.3469	3.0000e-005	0.0000	1.3475
Total	**6.3000e-004**	**4.2000e-004**	**4.1400e-003**	**1.0000e-005**	**2.0900e-003**	**1.0000e-005**	**2.1000e-003**	**5.6000e-004**	**1.0000e-005**	**5.7000e-004**	**0.0000**	**1.3469**	**1.3469**	**3.0000e-005**	**0.0000**	**1.3475**

3.7 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0991					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4800e-003	0.0166	0.0262	4.0000e-005		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004	0.0000	3.7022	3.7022	2.0000e-004	0.0000	3.7073
Total	**0.1016**	**0.0166**	**0.0262**	**4.0000e-005**		**7.5000e-004**	**7.5000e-004**		**7.5000e-004**	**7.5000e-004**	**0.0000**	**3.7022**	**3.7022**	**2.0000e-004**	**0.0000**	**3.7073**

3.7 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-004	6.5000e-004	6.3600e-003	2.0000e-005	3.2100e-003	2.0000e-005	3.2300e-003	8.5000e-004	2.0000e-005	8.7000e-004	0.0000	2.0652	2.0652	4.0000e-005	0.0000	2.0662
Total	**9.6000e-004**	**6.5000e-004**	**6.3600e-003**	**2.0000e-005**	**3.2100e-003**	**2.0000e-005**	**3.2300e-003**	**8.5000e-004**	**2.0000e-005**	**8.7000e-004**	**0.0000**	**2.0652**	**2.0652**	**4.0000e-005**	**0.0000**	**2.0662**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0991					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4800e-003	0.0166	0.0262	4.0000e-005		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004	0.0000	3.7022	3.7022	2.0000e-004	0.0000	3.7073
Total	**0.1016**	**0.0166**	**0.0262**	**4.0000e-005**		**7.5000e-004**	**7.5000e-004**		**7.5000e-004**	**7.5000e-004**	**0.0000**	**3.7022**	**3.7022**	**2.0000e-004**	**0.0000**	**3.7073**

3.7 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-004	6.5000e-004	6.3600e-003	2.0000e-005	3.2100e-003	2.0000e-005	3.2300e-003	8.5000e-004	2.0000e-005	8.7000e-004	0.0000	2.0652	2.0652	4.0000e-005	0.0000	2.0662
Total	**9.6000e-004**	**6.5000e-004**	**6.3600e-003**	**2.0000e-005**	**3.2100e-003**	**2.0000e-005**	**3.2300e-003**	**8.5000e-004**	**2.0000e-005**	**8.7000e-004**	**0.0000**	**2.0652**	**2.0652**	**4.0000e-005**	**0.0000**	**2.0662**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	13.00	5.00	5.00	33.00	48.00	19.00	77	19	4
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.605837	0.025637	0.198842	0.106696	0.016574	0.004752	0.012552	0.019801	0.002258	0.001081	0.004377	0.000722	0.000872
Other Asphalt Surfaces	0.605837	0.025637	0.198842	0.106696	0.016574	0.004752	0.012552	0.019801	0.002258	0.001081	0.004377	0.000722	0.000872
Other Non-Asphalt Surfaces	0.605837	0.025637	0.198842	0.106696	0.016574	0.004752	0.012552	0.019801	0.002258	0.001081	0.004377	0.000722	0.000872
Parking Lot	0.605837	0.025637	0.198842	0.106696	0.016574	0.004752	0.012552	0.019801	0.002258	0.001081	0.004377	0.000722	0.000872

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	8.3558	8.3558	8.2000e-004	1.7000e-004	8.4272
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	9.2480	9.2480	9.1000e-004	1.9000e-004	9.3271
NaturalGas Mitigated	2.3000e-004	2.0500e-003	1.7200e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.2355	2.2355	4.0000e-005	4.0000e-005	2.2488
NaturalGas Unmitigated	3.2000e-004	2.9300e-003	2.4600e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	3.1885	3.1885	6.0000e-005	6.0000e-005	3.2075

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	59750.5	3.2000e-004	2.9300e-003	2.4600e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	3.1885	3.1885	6.0000e-005	6.0000e-005	3.2075
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**3.2000e-004**	**2.9300e-003**	**2.4600e-003**	**2.0000e-005**		**2.2000e-004**	**2.2000e-004**		**2.2000e-004**	**2.2000e-004**	**0.0000**	**3.1885**	**3.1885**	**6.0000e-005**	**6.0000e-005**	**3.2075**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	41891	2.3000e-004	2.0500e-003	1.7200e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.2355	2.2355	4.0000e-005	4.0000e-005	2.2488
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**2.3000e-004**	**2.0500e-003**	**1.7200e-003**	**1.0000e-005**		**1.6000e-004**	**1.6000e-004**		**1.6000e-004**	**1.6000e-004**	**0.0000**	**2.2355**	**2.2355**	**4.0000e-005**	**4.0000e-005**	**2.2488**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	65079.5	8.6788	8.6000e-004	1.8000e-004	8.7529
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	4268.88	0.5693	6.0000e-005	1.0000e-005	0.5742
Total		**9.2480**	**9.2000e-004**	**1.9000e-004**	**9.3271**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	58389.1	7.7865	7.7000e-004	1.6000e-004	7.8531
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	4268.88	0.5693	6.0000e-005	1.0000e-005	0.5742
Total		**8.3558**	**8.3000e-004**	**1.7000e-004**	**8.4273**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0418	0.0000	1.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.2000e-004	3.2000e-004	0.0000	0.0000	3.5000e-004
Unmitigated	0.0418	0.0000	1.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.2000e-004	3.2000e-004	0.0000	0.0000	3.5000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	9.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0319					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	1.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.2000e-004	3.2000e-004	0.0000	0.0000	3.5000e-004
Total	**0.0418**	**0.0000**	**1.7000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**3.2000e-004**	**3.2000e-004**	**0.0000**	**0.0000**	**3.5000e-004**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	9.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0319					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	1.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.2000e-004	3.2000e-004	0.0000	0.0000	3.5000e-004
Total	**0.0418**	**0.0000**	**1.7000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**3.2000e-004**	**3.2000e-004**	**0.0000**	**0.0000**	**3.5000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.8595	0.0212	5.1000e-004	1.5423
Unmitigated	0.8595	0.0212	5.1000e-004	1.5423

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.648728 / 0.397608	0.8595	0.0212	5.1000e-004	1.5423
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.8595**	**0.0212**	**5.1000e-004**	**1.5423**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.648728 / 0.397608	0.8595	0.0212	5.1000e-004	1.5423
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.8595**	**0.0212**	**5.1000e-004**	**1.5423**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.6881	0.0407	0.0000	1.7048
Unmitigated	0.6881	0.0407	0.0000	1.7048

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	3.39	0.6881	0.0407	0.0000	1.7048
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**0.6881**	**0.0407**	**0.0000**	**1.7048**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	3.39	0.6881	0.0407	0.0000	1.7048
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**0.6881**	**0.0407**	**0.0000**	**1.7048**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

	Total CO2	CH4	N2O	CO2e
Category	MT			
Unmitigated	-843.9530	0.0000	0.0000	-843.9530

11.1 Vegetation Land Change

Vegetation Type

	Initial/Final	Total CO2	CH4	N2O	CO2e
	Acres	MT			
Cropland	118.175 / 0	-732.6850	0.0000	0.0000	-732.6850
Scrub	7.16 / 0	-102.3880	0.0000	0.0000	-102.3880
Trees	0.08 / 0	-8.8800	0.0000	0.0000	-8.8800
Wetlands	2.019 / 0	0.0000	0.0000	0.0000	0.0000
Total		**-843.9530**	**0.0000**	**0.0000**	**-843.9530**

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Initial) Improvement Project

San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	0.28	Acre	0.28	12,196.80	0
Other Asphalt Surfaces	1.31	Acre	1.31	57,063.60	0
Other Non-Asphalt Surfaces	4.66	Acre	4.66	202,989.60	0
General Office Building	3.65	1000sqft	0.08	3,650.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2028
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	294	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Utility CO2 intensity factor based on PG&E 2018 Corporate Responsibility and Sustainability Report.

Land Use - Land use represents hardscape, campgounds, buildings. Trails and vegetative buffers modeled separately.

Construction Phase - Construction start after initial vegetation removal work (modeled separately). Phase durations increased proportionally to defaults for assumed total 2 year construction duration of project (inclusive of initial vegetation removal).

Grading -

Demolition -

Trips and VMT - Added vendor trips to account for water trucks.

Architectural Coating -

Vehicle Trips - No increase in vehicle activity.

Energy Use -

Land Use Change -

Construction Off-road Equipment Mitigation - Water exposed areas at least twice daily. Replace Ground Cover of Area Disturbed. Limit vehicle speed on unpaved roadways.

Energy Mitigation - Exceed 2016 Title 24 default to represent more recent Title 24 Code as of Jan 1, 2020.

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Initial) Improvement Project - San Luis Obispo County, Summer

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	29.00
tblConstructionPhase	NumDays	230.00	332.00
tblConstructionPhase	NumDays	20.00	26.00
tblConstructionPhase	NumDays	20.00	28.00
tblConstructionPhase	NumDays	20.00	29.00
tblConstructionPhase	NumDays	10.00	14.00
tblConstructionPhase	PhaseEndDate	3/24/2027	12/31/2027
tblConstructionPhase	PhaseEndDate	1/27/2027	10/12/2027
tblConstructionPhase	PhaseEndDate	1/28/2026	5/6/2026
tblConstructionPhase	PhaseEndDate	3/11/2026	7/3/2026
tblConstructionPhase	PhaseEndDate	2/24/2027	11/22/2027
tblConstructionPhase	PhaseEndDate	2/11/2026	5/26/2026
tblConstructionPhase	PhaseStartDate	2/25/2027	11/23/2027
tblConstructionPhase	PhaseStartDate	3/12/2026	7/4/2026
tblConstructionPhase	PhaseStartDate	1/1/2026	4/1/2026
tblConstructionPhase	PhaseStartDate	2/12/2026	5/27/2026
tblConstructionPhase	PhaseStartDate	1/28/2027	10/13/2027
tblConstructionPhase	PhaseStartDate	1/29/2026	5/7/2026
tblProjectCharacteristics	CO2IntensityFactor	641.35	294
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	WD_TR	11.03	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2026	2.5297	25.4079	19.7884	0.0442	18.2535	1.0879	19.3414	9.9806	1.0009	10.9815	0.0000	4,334.5542	4,334.5542	1.1981	0.0000	4,351.2441
2027	7.0684	15.7548	19.1700	0.0438	1.3559	0.5371	1.8930	0.3644	0.5051	0.8695	0.0000	4,300.9653	4,300.9653	0.7159	0.0000	4,317.6144
Maximum	**7.0684**	**25.4079**	**19.7884**	**0.0442**	**18.2535**	**1.0879**	**19.3414**	**9.9806**	**1.0009**	**10.9815**	**0.0000**	**4,334.5542**	**4,334.5542**	**1.1981**	**0.0000**	**4,351.2441**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2026	2.5297	25.4079	19.7884	0.0442	7.9106	1.0879	8.9985	4.2953	1.0009	5.2962	0.0000	4,334.5542	4,334.5542	1.1981	0.0000	4,351.2441
2027	7.0684	15.7548	19.1700	0.0438	1.3559	0.5371	1.8930	0.3644	0.5051	0.8695	0.0000	4,300.9653	4,300.9653	0.7159	0.0000	4,317.6144
Maximum	**7.0684**	**25.4079**	**19.7884**	**0.0442**	**7.9106**	**1.0879**	**8.9985**	**4.2953**	**1.0009**	**5.2962**	**0.0000**	**4,334.5542**	**4,334.5542**	**1.1981**	**0.0000**	**4,351.2441**

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Initial) Improvement Project - San Luis Obispo County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**52.74**	**0.00**	**48.71**	**54.96**	**0.00**	**47.97**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2289	1.0000e-005	1.0100e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.1700e-003	2.1700e-003	1.0000e-005		2.3100e-003
Energy	1.7700e-003	0.0161	0.0135	1.0000e-004		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003		19.2588	19.2588	3.7000e-004	3.5000e-004	19.3733
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.2307**	**0.0161**	**0.0145**	**1.0000e-004**	**0.0000**	**1.2200e-003**	**1.2200e-003**	**0.0000**	**1.2200e-003**	**1.2200e-003**		**19.2610**	**19.2610**	**3.8000e-004**	**3.5000e-004**	**19.3756**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2289	1.0000e-005	1.0100e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.1700e-003	2.1700e-003	1.0000e-005		2.3100e-003
Energy	1.2400e-003	0.0113	9.4500e-003	7.0000e-005		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004		13.5024	13.5024	2.6000e-004	2.5000e-004	13.5826
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.2302**	**0.0113**	**0.0105**	**7.0000e-005**	**0.0000**	**8.6000e-004**	**8.6000e-004**	**0.0000**	**8.6000e-004**	**8.6000e-004**		**13.5045**	**13.5045**	**2.7000e-004**	**2.5000e-004**	**13.5849**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.23**	**29.89**	**27.81**	**30.00**	**0.00**	**29.51**	**29.51**	**0.00**	**29.51**	**29.51**	**0.00**	**29.89**	**29.89**	**28.95**	**28.57**	**29.89**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2026	5/6/2026	5	26	
2	Site Preparation	Site Preparation	5/7/2026	5/26/2026	5	14	
3	Grading	Grading	5/27/2026	7/3/2026	5	28	
4	Building Construction	Building Construction	7/4/2026	10/12/2027	5	332	
5	Paving	Paving	10/13/2027	11/22/2027	5	29	
6	Architectural Coating	Architectural Coating	11/23/2027	12/31/2027	5	29	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 14

Acres of Paving: 6.25

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 5,475; Non-Residential Outdoor: 1,825; Striped Parking Area: 16,335 (Architectural Coating – sqft)

OffRoad Equipment

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Initial) Improvement Project - San Luis Obispo County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	1	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	2.00	6.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	116.00	45.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	23.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0510	0.0000	0.0510	7.7200e-003	0.0000	7.7200e-003			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	**2.0926**	**19.1966**	**19.4184**	**0.0388**	**0.0510**	**0.8528**	**0.9037**	**7.7200e-003**	**0.7920**	**0.7997**		**3,747.5996**	**3,747.5996**	**1.0464**		**3,773.7606**

3.2 Demolition - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.1300e-003	0.0387	0.0126	1.7000e-004	4.0400e-003	9.0000e-005	4.1300e-003	1.1100e-003	9.0000e-005	1.1900e-003		18.3654	18.3654	1.1400e-003		18.3939
Vendor	3.6200e-003	0.1394	0.0362	3.8000e-004	9.2900e-003	1.7000e-004	9.4700e-003	2.6800e-003	1.6000e-004	2.8400e-003		41.0959	41.0959	2.1500e-003		41.1496
Worker	0.0445	0.0288	0.3212	1.1100e-003	0.1483	8.0000e-004	0.1491	0.0393	7.4000e-004	0.0401		110.3563	110.3563	2.3700e-003		110.4155
Total	**0.0492**	**0.2070**	**0.3700**	**1.6600e-003**	**0.1616**	**1.0600e-003**	**0.1627**	**0.0431**	**9.9000e-004**	**0.0441**		**169.8176**	**169.8176**	**5.6600e-003**		**169.9590**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0218	0.0000	0.0218	3.3000e-003	0.0000	3.3000e-003			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	**2.0926**	**19.1966**	**19.4184**	**0.0388**	**0.0218**	**0.8528**	**0.8746**	**3.3000e-003**	**0.7920**	**0.7953**	**0.0000**	**3,747.5996**	**3,747.5996**	**1.0464**		**3,773.7606**

3.2 Demolition - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.1300e-003	0.0387	0.0126	1.7000e-004	4.0400e-003	9.0000e-005	4.1300e-003	1.1100e-003	9.0000e-005	1.1900e-003		18.3654	18.3654	1.1400e-003		18.3939
Vendor	3.6200e-003	0.1394	0.0362	3.8000e-004	9.2900e-003	1.7000e-004	9.4700e-003	2.6800e-003	1.6000e-004	2.8400e-003		41.0959	41.0959	2.1500e-003		41.1496
Worker	0.0445	0.0288	0.3212	1.1100e-003	0.1483	8.0000e-004	0.1491	0.0393	7.4000e-004	0.0401		110.3563	110.3563	2.3700e-003		110.4155
Total	**0.0492**	**0.2070**	**0.3700**	**1.6600e-003**	**0.1616**	**1.0600e-003**	**0.1627**	**0.0431**	**9.9000e-004**	**0.0441**		**169.8176**	**169.8176**	**5.6600e-003**		**169.9590**

3.3 Site Preparation - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	**2.4727**	**25.2339**	**17.9118**	**0.0381**	**18.0663**	**1.0868**	**19.1531**	**9.9307**	**0.9999**	**10.9305**		**3,689.1037**	**3,689.1037**	**1.1931**		**3,718.9320**

3.3 Site Preparation - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.6200e-003	0.1394	0.0362	3.8000e-004	9.2900e-003	1.7000e-004	9.4700e-003	2.6800e-003	1.6000e-004	2.8400e-003		41.0959	41.0959	2.1500e-003		41.1496
Worker	0.0534	0.0346	0.3854	1.3300e-003	0.1780	9.7000e-004	0.1789	0.0472	8.9000e-004	0.0481		132.4276	132.4276	2.8400e-003		132.4986
Total	**0.0570**	**0.1740**	**0.4216**	**1.7100e-003**	**0.1872**	**1.1400e-003**	**0.1884**	**0.0499**	**1.0500e-003**	**0.0509**		**173.5235**	**173.5235**	**4.9900e-003**		**173.6482**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.7233	0.0000	7.7233	4.2454	0.0000	4.2454			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	**2.4727**	**25.2339**	**17.9118**	**0.0381**	**7.7233**	**1.0868**	**8.8101**	**4.2454**	**0.9999**	**5.2452**	**0.0000**	**3,689.1037**	**3,689.1037**	**1.1931**		**3,718.9320**

3.3 Site Preparation - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.6200e-003	0.1394	0.0362	3.8000e-004	9.2900e-003	1.7000e-004	9.4700e-003	2.6800e-003	1.6000e-004	2.8400e-003		41.0959	41.0959	2.1500e-003		41.1496
Worker	0.0534	0.0346	0.3854	1.3300e-003	0.1780	9.7000e-004	0.1789	0.0472	8.9000e-004	0.0481		132.4276	132.4276	2.8400e-003		132.4986
Total	**0.0570**	**0.1740**	**0.4216**	**1.7100e-003**	**0.1872**	**1.1400e-003**	**0.1884**	**0.0499**	**1.0500e-003**	**0.0509**		**173.5235**	**173.5235**	**4.9900e-003**		**173.6482**

3.4 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.5227	15.3148	14.5402	0.0297		0.6236	0.6236		0.5737	0.5737		2,873.7052	2,873.7052	0.9294		2,896.9405
Total	**1.5227**	**15.3148**	**14.5402**	**0.0297**	**6.5523**	**0.6236**	**7.1759**	**3.3675**	**0.5737**	**3.9412**		**2,873.7052**	**2,873.7052**	**0.9294**		**2,896.9405**

3.4 Grading - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.6200e-003	0.1394	0.0362	3.8000e-004	9.2900e-003	1.7000e-004	9.4700e-003	2.6800e-003	1.6000e-004	2.8400e-003		41.0959	41.0959	2.1500e-003		41.1496
Worker	0.0445	0.0288	0.3212	1.1100e-003	0.1483	8.0000e-004	0.1491	0.0393	7.4000e-004	0.0401		110.3563	110.3563	2.3700e-003		110.4155
Total	**0.0481**	**0.1683**	**0.3574**	**1.4900e-003**	**0.1576**	**9.7000e-004**	**0.1586**	**0.0420**	**9.0000e-004**	**0.0429**		**151.4522**	**151.4522**	**4.5200e-003**		**151.5651**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8011	0.0000	2.8011	1.4396	0.0000	1.4396			0.0000			0.0000
Off-Road	1.5227	15.3148	14.5402	0.0297		0.6236	0.6236		0.5737	0.5737	0.0000	2,873.7052	2,873.7052	0.9294		2,896.9405
Total	**1.5227**	**15.3148**	**14.5402**	**0.0297**	**2.8011**	**0.6236**	**3.4247**	**1.4396**	**0.5737**	**2.0133**	**0.0000**	**2,873.7052**	**2,873.7052**	**0.9294**		**2,896.9405**

3.4 Grading - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.6200e-003	0.1394	0.0362	3.8000e-004	9.2900e-003	1.7000e-004	9.4700e-003	2.6800e-003	1.6000e-004	2.8400e-003		41.0959	41.0959	2.1500e-003		41.1496
Worker	0.0445	0.0288	0.3212	1.1100e-003	0.1483	8.0000e-004	0.1491	0.0393	7.4000e-004	0.0401		110.3563	110.3563	2.3700e-003		110.4155
Total	**0.0481**	**0.1683**	**0.3574**	**1.4900e-003**	**0.1576**	**9.7000e-004**	**0.1586**	**0.0420**	**9.0000e-004**	**0.0429**		**151.4522**	**151.4522**	**4.5200e-003**		**151.5651**

3.5 Building Construction - 2026

Unmitigated Construction On-Site

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

3.5 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0815	3.1374	0.8152	8.6300e-003	0.2091	3.8700e-003	0.2130	0.0602	3.7000e-003	0.0639		924.6579	924.6579	0.0483		925.8663
Worker	0.3438	0.2229	2.4837	8.5600e-003	1.1468	6.2200e-003	1.1530	0.3042	5.7300e-003	0.3099		853.4220	853.4220	0.0183		853.8798
Total	**0.4253**	**3.3603**	**3.2989**	**0.0172**	**1.3559**	**0.0101**	**1.3660**	**0.3644**	**9.4300e-003**	**0.3738**		**1,778.0799**	**1,778.0799**	**0.0667**		**1,779.7461**

Mitigated Construction On-Site

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

3.5 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0815	3.1374	0.8152	8.6300e-003	0.2091	3.8700e-003	0.2130	0.0602	3.7000e-003	0.0639		924.6579	924.6579	0.0483		925.8663
Worker	0.3438	0.2229	2.4837	8.5600e-003	1.1468	6.2200e-003	1.1530	0.3042	5.7300e-003	0.3099		853.4220	853.4220	0.0183		853.8798
Total	**0.4253**	**3.3603**	**3.2989**	**0.0172**	**1.3559**	**0.0101**	**1.3660**	**0.3644**	**9.4300e-003**	**0.3738**		**1,778.0799**	**1,778.0799**	**0.0667**		**1,779.7461**

3.5 Building Construction - 2027

Unmitigated Construction On-Site

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

3.5 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0783	3.0824	0.7797	8.5800e-003	0.2091	3.6300e-003	0.2128	0.0603	3.4700e-003	0.0637		920.5209	920.5209	0.0485		921.7324
Worker	0.3255	0.2028	2.3057	8.2600e-003	1.1468	5.8700e-003	1.1527	0.3042	5.4100e-003	0.3096		823.9700	823.9700	0.0166		824.3839
Total	**0.4037**	**3.2851**	**3.0854**	**0.0168**	**1.3559**	**9.5000e-003**	**1.3654**	**0.3644**	**8.8800e-003**	**0.3733**		**1,744.4910**	**1,744.4910**	**0.0650**		**1,746.1163**

Mitigated Construction On-Site

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

3.5 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0783	3.0824	0.7797	8.5800e-003	0.2091	3.6300e-003	0.2128	0.0603	3.4700e-003	0.0637		920.5209	920.5209	0.0485		921.7324
Worker	0.3255	0.2028	2.3057	8.2600e-003	1.1468	5.8700e-003	1.1527	0.3042	5.4100e-003	0.3096		823.9700	823.9700	0.0166		824.3839
Total	**0.4037**	**3.2851**	**3.0854**	**0.0168**	**1.3559**	**9.5000e-003**	**1.3654**	**0.3644**	**8.8800e-003**	**0.3733**		**1,744.4910**	**1,744.4910**	**0.0650**		**1,746.1163**

3.6 Paving - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.1437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0588**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

3.6 Paving - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0421	0.0262	0.2982	1.0700e-003	0.1483	7.6000e-004	0.1491	0.0393	7.0000e-004	0.0400		106.5479	106.5479	2.1400e-003		106.6014
Total	**0.0421**	**0.0262**	**0.2982**	**1.0700e-003**	**0.1483**	**7.6000e-004**	**0.1491**	**0.0393**	**7.0000e-004**	**0.0400**		**106.5479**	**106.5479**	**2.1400e-003**		**106.6014**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.1437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0588**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

3.6 Paving - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0421	0.0262	0.2982	1.0700e-003	0.1483	7.6000e-004	0.1491	0.0393	7.0000e-004	0.0400		106.5479	106.5479	2.1400e-003		106.6014
Total	**0.0421**	**0.0262**	**0.2982**	**1.0700e-003**	**0.1483**	**7.6000e-004**	**0.1491**	**0.0393**	**7.0000e-004**	**0.0400**		**106.5479**	**106.5479**	**2.1400e-003**		**106.6014**

3.7 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.8330					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**7.0039**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

3.7 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0645	0.0402	0.4572	1.6400e-003	0.2274	1.1600e-003	0.2286	0.0603	1.0700e-003	0.0614		163.3734	163.3734	3.2800e-003		163.4554
Total	**0.0645**	**0.0402**	**0.4572**	**1.6400e-003**	**0.2274**	**1.1600e-003**	**0.2286**	**0.0603**	**1.0700e-003**	**0.0614**		**163.3734**	**163.3734**	**3.2800e-003**		**163.4554**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.8330					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**7.0039**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

3.7 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0645	0.0402	0.4572	1.6400e-003	0.2274	1.1600e-003	0.2286	0.0603	1.0700e-003	0.0614		163.3734	163.3734	3.2800e-003		163.4554
Total	**0.0645**	**0.0402**	**0.4572**	**1.6400e-003**	**0.2274**	**1.1600e-003**	**0.2286**	**0.0603**	**1.0700e-003**	**0.0614**		**163.3734**	**163.3734**	**3.2800e-003**		**163.4554**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	13.00	5.00	5.00	33.00	48.00	19.00	77	19	4
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.605837	0.025637	0.198842	0.106696	0.016574	0.004752	0.012552	0.019801	0.002258	0.001081	0.004377	0.000722	0.000872
Other Asphalt Surfaces	0.605837	0.025637	0.198842	0.106696	0.016574	0.004752	0.012552	0.019801	0.002258	0.001081	0.004377	0.000722	0.000872
Other Non-Asphalt Surfaces	0.605837	0.025637	0.198842	0.106696	0.016574	0.004752	0.012552	0.019801	0.002258	0.001081	0.004377	0.000722	0.000872
Parking Lot	0.605837	0.025637	0.198842	0.106696	0.016574	0.004752	0.012552	0.019801	0.002258	0.001081	0.004377	0.000722	0.000872

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.2400e-003	0.0113	9.4500e-003	7.0000e-005		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004		13.5024	13.5024	2.6000e-004	2.5000e-004	13.5826
NaturalGas Unmitigated	1.7700e-003	0.0161	0.0135	1.0000e-004		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003		19.2588	19.2588	3.7000e-004	3.5000e-004	19.3733

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	163.7	1.7700e-003	0.0161	0.0135	1.0000e-004		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003		19.2588	19.2588	3.7000e-004	3.5000e-004	19.3733
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**1.7700e-003**	**0.0161**	**0.0135**	**1.0000e-004**		**1.2200e-003**	**1.2200e-003**		**1.2200e-003**	**1.2200e-003**		**19.2588**	**19.2588**	**3.7000e-004**	**3.5000e-004**	**19.3733**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.11477	1.2400e-003	0.0113	9.4500e-003	7.0000e-005		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004		13.5024	13.5024	2.6000e-004	2.5000e-004	13.5826
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**1.2400e-003**	**0.0113**	**9.4500e-003**	**7.0000e-005**		**8.6000e-004**	**8.6000e-004**		**8.6000e-004**	**8.6000e-004**		**13.5024**	**13.5024**	**2.6000e-004**	**2.5000e-004**	**13.5826**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.2289	1.0000e-005	1.0100e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.1700e-003	2.1700e-003	1.0000e-005		2.3100e-003
Unmitigated	0.2289	1.0000e-005	1.0100e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.1700e-003	2.1700e-003	1.0000e-005		2.3100e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0543					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1745					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.0000e-005	1.0000e-005	1.0100e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.1700e-003	2.1700e-003	1.0000e-005		2.3100e-003
Total	**0.2289**	**1.0000e-005**	**1.0100e-003**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.1700e-003**	**2.1700e-003**	**1.0000e-005**		**2.3100e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0543					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1745					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.0000e-005	1.0000e-005	1.0100e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.1700e-003	2.1700e-003	1.0000e-005		2.3100e-003
Total	**0.2289**	**1.0000e-005**	**1.0100e-003**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.1700e-003**	**2.1700e-003**	**1.0000e-005**		**2.3100e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Initial) Improvement Project

San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	0.28	Acre	0.28	12,196.80	0
Other Asphalt Surfaces	1.31	Acre	1.31	57,063.60	0
Other Non-Asphalt Surfaces	4.66	Acre	4.66	202,989.60	0
General Office Building	3.65	1000sqft	0.08	3,650.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2028
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	294	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Utility CO2 intensity factor based on PG&E 2018 Corporate Responsibility and Sustainability Report.

Land Use - Land use represents hardscape, campgounds, buildings. Trails and vegetative buffers modeled separately.

Construction Phase - Construction start after initial vegetation removal work (modeled separately). Phase durations increased proportionally to defaults for assumed total 2 year construction duration of project (inclusive of initial vegetation removal).

Grading -

Demolition -

Trips and VMT - Added vendor trips to account for water trucks.

Architectural Coating -

Vehicle Trips - No increase in vehicle activity.

Energy Use -

Land Use Change -

Construction Off-road Equipment Mitigation - Water exposed areas at least twice daily. Replace Ground Cover of Area Disturbed. Limit vehicle speed on unpaved roadways.

Energy Mitigation - Exceed 2016 Title 24 default to represent more recent Title 24 Code as of Jan 1, 2020.

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Initial) Improvement Project - San Luis Obispo County, Winter

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	29.00
tblConstructionPhase	NumDays	230.00	332.00
tblConstructionPhase	NumDays	20.00	26.00
tblConstructionPhase	NumDays	20.00	28.00
tblConstructionPhase	NumDays	20.00	29.00
tblConstructionPhase	NumDays	10.00	14.00
tblConstructionPhase	PhaseEndDate	3/24/2027	12/31/2027
tblConstructionPhase	PhaseEndDate	1/27/2027	10/12/2027
tblConstructionPhase	PhaseEndDate	1/28/2026	5/6/2026
tblConstructionPhase	PhaseEndDate	3/11/2026	7/3/2026
tblConstructionPhase	PhaseEndDate	2/24/2027	11/22/2027
tblConstructionPhase	PhaseEndDate	2/11/2026	5/26/2026
tblConstructionPhase	PhaseStartDate	2/25/2027	11/23/2027
tblConstructionPhase	PhaseStartDate	3/12/2026	7/4/2026
tblConstructionPhase	PhaseStartDate	1/1/2026	4/1/2026
tblConstructionPhase	PhaseStartDate	2/12/2026	5/27/2026
tblConstructionPhase	PhaseStartDate	1/28/2027	10/13/2027
tblConstructionPhase	PhaseStartDate	1/29/2026	5/7/2026
tblProjectCharacteristics	CO2IntensityFactor	641.35	294
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	WD_TR	11.03	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2026	2.5384	25.4113	19.7807	0.0435	18.2535	1.0879	19.3414	9.9806	1.0009	10.9815	0.0000	4,265.2194	4,265.2194	1.1981	0.0000	4,281.9680
2027	7.0790	15.7548	19.1717	0.0431	1.3559	0.5372	1.8931	0.3644	0.5053	0.8697	0.0000	4,233.0804	4,233.0804	0.7158	0.0000	4,249.7896
Maximum	**7.0790**	**25.4113**	**19.7807**	**0.0435**	**18.2535**	**1.0879**	**19.3414**	**9.9806**	**1.0009**	**10.9815**	**0.0000**	**4,265.2194**	**4,265.2194**	**1.1981**	**0.0000**	**4,281.9680**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2026	2.5384	25.4113	19.7807	0.0435	7.9106	1.0879	8.9985	4.2953	1.0009	5.2962	0.0000	4,265.2194	4,265.2194	1.1981	0.0000	4,281.9680
2027	7.0790	15.7548	19.1717	0.0431	1.3559	0.5372	1.8931	0.3644	0.5053	0.8697	0.0000	4,233.0804	4,233.0804	0.7158	0.0000	4,249.7896
Maximum	**7.0790**	**25.4113**	**19.7807**	**0.0435**	**7.9106**	**1.0879**	**8.9985**	**4.2953**	**1.0009**	**5.2962**	**0.0000**	**4,265.2194**	**4,265.2194**	**1.1981**	**0.0000**	**4,281.9680**

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Initial) Improvement Project - San Luis Obispo County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**52.74**	**0.00**	**48.71**	**54.96**	**0.00**	**47.97**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2289	1.0000e-005	1.0100e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.1700e-003	2.1700e-003	1.0000e-005		2.3100e-003
Energy	1.7700e-003	0.0161	0.0135	1.0000e-004		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003		19.2588	19.2588	3.7000e-004	3.5000e-004	19.3733
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.2307**	**0.0161**	**0.0145**	**1.0000e-004**	**0.0000**	**1.2200e-003**	**1.2200e-003**	**0.0000**	**1.2200e-003**	**1.2200e-003**		**19.2610**	**19.2610**	**3.8000e-004**	**3.5000e-004**	**19.3756**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2289	1.0000e-005	1.0100e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.1700e-003	2.1700e-003	1.0000e-005		2.3100e-003
Energy	1.2400e-003	0.0113	9.4500e-003	7.0000e-005		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004		13.5024	13.5024	2.6000e-004	2.5000e-004	13.5826
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.2302**	**0.0113**	**0.0105**	**7.0000e-005**	**0.0000**	**8.6000e-004**	**8.6000e-004**	**0.0000**	**8.6000e-004**	**8.6000e-004**		**13.5045**	**13.5045**	**2.7000e-004**	**2.5000e-004**	**13.5849**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.23**	**29.89**	**27.81**	**30.00**	**0.00**	**29.51**	**29.51**	**0.00**	**29.51**	**29.51**	**0.00**	**29.89**	**29.89**	**28.95**	**28.57**	**29.89**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2026	5/6/2026	5	26	
2	Site Preparation	Site Preparation	5/7/2026	5/26/2026	5	14	
3	Grading	Grading	5/27/2026	7/3/2026	5	28	
4	Building Construction	Building Construction	7/4/2026	10/12/2027	5	332	
5	Paving	Paving	10/13/2027	11/22/2027	5	29	
6	Architectural Coating	Architectural Coating	11/23/2027	12/31/2027	5	29	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 14

Acres of Paving: 6.25

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 5,475; Non-Residential Outdoor: 1,825; Striped Parking Area: 16,335 (Architectural Coating – sqft)

OffRoad Equipment

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Initial) Improvement Project - San Luis Obispo County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	1	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	2.00	6.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	116.00	45.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	23.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0510	0.0000	0.0510	7.7200e-003	0.0000	7.7200e-003			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	**2.0926**	**19.1966**	**19.4184**	**0.0388**	**0.0510**	**0.8528**	**0.9037**	**7.7200e-003**	**0.7920**	**0.7997**		**3,747.5996**	**3,747.5996**	**1.0464**		**3,773.7606**

3.2 Demolition - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.1600e-003	0.0388	0.0132	1.7000e-004	4.0400e-003	9.0000e-005	4.1300e-003	1.1100e-003	9.0000e-005	1.1900e-003		18.0741	18.0741	1.1700e-003		18.1033
Vendor	3.8600e-003	0.1383	0.0407	3.7000e-004	9.2900e-003	1.8000e-004	9.4700e-003	2.6800e-003	1.7000e-004	2.8500e-003		39.7881	39.7881	2.2900e-003		39.8454
Worker	0.0516	0.0327	0.3083	1.0500e-003	0.1483	8.0000e-004	0.1491	0.0393	7.4000e-004	0.0401		105.1956	105.1956	2.2600e-003		105.2521
Total	**0.0566**	**0.2097**	**0.3623**	**1.5900e-003**	**0.1616**	**1.0700e-003**	**0.1627**	**0.0431**	**1.0000e-003**	**0.0441**		**163.0578**	**163.0578**	**5.7200e-003**		**163.2008**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0218	0.0000	0.0218	3.3000e-003	0.0000	3.3000e-003			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	**2.0926**	**19.1966**	**19.4184**	**0.0388**	**0.0218**	**0.8528**	**0.8746**	**3.3000e-003**	**0.7920**	**0.7953**	**0.0000**	**3,747.5996**	**3,747.5996**	**1.0464**		**3,773.7606**

3.2 Demolition - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.1600e-003	0.0388	0.0132	1.7000e-004	4.0400e-003	9.0000e-005	4.1300e-003	1.1100e-003	9.0000e-005	1.1900e-003		18.0741	18.0741	1.1700e-003		18.1033
Vendor	3.8600e-003	0.1383	0.0407	3.7000e-004	9.2900e-003	1.8000e-004	9.4700e-003	2.6800e-003	1.7000e-004	2.8500e-003		39.7881	39.7881	2.2900e-003		39.8454
Worker	0.0516	0.0327	0.3083	1.0500e-003	0.1483	8.0000e-004	0.1491	0.0393	7.4000e-004	0.0401		105.1956	105.1956	2.2600e-003		105.2521
Total	**0.0566**	**0.2097**	**0.3623**	**1.5900e-003**	**0.1616**	**1.0700e-003**	**0.1627**	**0.0431**	**1.0000e-003**	**0.0441**		**163.0578**	**163.0578**	**5.7200e-003**		**163.2008**

3.3 Site Preparation - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	**2.4727**	**25.2339**	**17.9118**	**0.0381**	**18.0663**	**1.0868**	**19.1531**	**9.9307**	**0.9999**	**10.9305**		**3,689.1037**	**3,689.1037**	**1.1931**		**3,718.9320**

3.3 Site Preparation - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8600e-003	0.1383	0.0407	3.7000e-004	9.2900e-003	1.8000e-004	9.4700e-003	2.6800e-003	1.7000e-004	2.8500e-003		39.7881	39.7881	2.2900e-003		39.8454
Worker	0.0619	0.0392	0.3700	1.2700e-003	0.1780	9.7000e-004	0.1789	0.0472	8.9000e-004	0.0481		126.2347	126.2347	2.7100e-003		126.3025
Total	**0.0657**	**0.1775**	**0.4107**	**1.6400e-003**	**0.1872**	**1.1500e-003**	**0.1884**	**0.0499**	**1.0600e-003**	**0.0509**		**166.0228**	**166.0228**	**5.0000e-003**		**166.1479**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.7233	0.0000	7.7233	4.2454	0.0000	4.2454			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	**2.4727**	**25.2339**	**17.9118**	**0.0381**	**7.7233**	**1.0868**	**8.8101**	**4.2454**	**0.9999**	**5.2452**	**0.0000**	**3,689.1037**	**3,689.1037**	**1.1931**		**3,718.9320**

3.3 Site Preparation - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8600e-003	0.1383	0.0407	3.7000e-004	9.2900e-003	1.8000e-004	9.4700e-003	2.6800e-003	1.7000e-004	2.8500e-003		39.7881	39.7881	2.2900e-003		39.8454
Worker	0.0619	0.0392	0.3700	1.2700e-003	0.1780	9.7000e-004	0.1789	0.0472	8.9000e-004	0.0481		126.2347	126.2347	2.7100e-003		126.3025
Total	**0.0657**	**0.1775**	**0.4107**	**1.6400e-003**	**0.1872**	**1.1500e-003**	**0.1884**	**0.0499**	**1.0600e-003**	**0.0509**		**166.0228**	**166.0228**	**5.0000e-003**		**166.1479**

3.4 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.5227	15.3148	14.5402	0.0297		0.6236	0.6236		0.5737	0.5737		2,873.7052	2,873.7052	0.9294		2,896.9405
Total	**1.5227**	**15.3148**	**14.5402**	**0.0297**	**6.5523**	**0.6236**	**7.1759**	**3.3675**	**0.5737**	**3.9412**		**2,873.7052**	**2,873.7052**	**0.9294**		**2,896.9405**

3.4 Grading - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8600e-003	0.1383	0.0407	3.7000e-004	9.2900e-003	1.8000e-004	9.4700e-003	2.6800e-003	1.7000e-004	2.8500e-003		39.7881	39.7881	2.2900e-003		39.8454
Worker	0.0516	0.0327	0.3083	1.0500e-003	0.1483	8.0000e-004	0.1491	0.0393	7.4000e-004	0.0401		105.1956	105.1956	2.2600e-003		105.2521
Total	**0.0554**	**0.1709**	**0.3491**	**1.4200e-003**	**0.1576**	**9.8000e-004**	**0.1586**	**0.0420**	**9.1000e-004**	**0.0429**		**144.9837**	**144.9837**	**4.5500e-003**		**145.0975**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8011	0.0000	2.8011	1.4396	0.0000	1.4396			0.0000			0.0000
Off-Road	1.5227	15.3148	14.5402	0.0297		0.6236	0.6236		0.5737	0.5737	0.0000	2,873.7052	2,873.7052	0.9294		2,896.9405
Total	**1.5227**	**15.3148**	**14.5402**	**0.0297**	**2.8011**	**0.6236**	**3.4247**	**1.4396**	**0.5737**	**2.0133**	**0.0000**	**2,873.7052**	**2,873.7052**	**0.9294**		**2,896.9405**

3.4 Grading - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8600e-003	0.1383	0.0407	3.7000e-004	9.2900e-003	1.8000e-004	9.4700e-003	2.6800e-003	1.7000e-004	2.8500e-003		39.7881	39.7881	2.2900e-003		39.8454
Worker	0.0516	0.0327	0.3083	1.0500e-003	0.1483	8.0000e-004	0.1491	0.0393	7.4000e-004	0.0401		105.1956	105.1956	2.2600e-003		105.2521
Total	**0.0554**	**0.1709**	**0.3491**	**1.4200e-003**	**0.1576**	**9.8000e-004**	**0.1586**	**0.0420**	**9.1000e-004**	**0.0429**		**144.9837**	**144.9837**	**4.5500e-003**		**145.0975**

3.5 Building Construction - 2026

Unmitigated Construction On-Site

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

3.5 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0868	3.1108	0.9165	8.3600e-003	0.2091	4.0400e-003	0.2131	0.0602	3.8600e-003	0.0641		895.2327	895.2327	0.0515		896.5205
Worker	0.3987	0.2526	2.3845	8.1600e-003	1.1468	6.2200e-003	1.1530	0.3042	5.7300e-003	0.3099		813.5124	813.5124	0.0175		813.9495
Total	**0.4856**	**3.3634**	**3.3010**	**0.0165**	**1.3559**	**0.0103**	**1.3662**	**0.3644**	**9.5900e-003**	**0.3740**		**1,708.7451**	**1,708.7451**	**0.0690**		**1,710.4700**

Mitigated Construction On-Site

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

3.5 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0868	3.1108	0.9165	8.3600e-003	0.2091	4.0400e-003	0.2131	0.0602	3.8600e-003	0.0641		895.2327	895.2327	0.0515		896.5205
Worker	0.3987	0.2526	2.3845	8.1600e-003	1.1468	6.2200e-003	1.1530	0.3042	5.7300e-003	0.3099		813.5124	813.5124	0.0175		813.9495
Total	**0.4856**	**3.3634**	**3.3010**	**0.0165**	**1.3559**	**0.0103**	**1.3662**	**0.3644**	**9.5900e-003**	**0.3740**		**1,708.7451**	**1,708.7451**	**0.0690**		**1,710.4700**

3.5 Building Construction - 2027

Unmitigated Construction On-Site

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

3.5 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0834	3.0554	0.8771	8.3100e-003	0.2091	3.7800e-003	0.2129	0.0603	3.6100e-003	0.0639		891.1894	891.1894	0.0516		892.4803
Worker	0.3786	0.2298	2.2099	7.8700e-003	1.1468	5.8700e-003	1.1527	0.3042	5.4100e-003	0.3096		785.4167	785.4167	0.0158		785.8112
Total	**0.4620**	**3.2851**	**3.0870**	**0.0162**	**1.3559**	**9.6500e-003**	**1.3656**	**0.3644**	**9.0200e-003**	**0.3734**		**1,676.6061**	**1,676.6061**	**0.0674**		**1,678.2915**

Mitigated Construction On-Site

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

3.5 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0834	3.0554	0.8771	8.3100e-003	0.2091	3.7800e-003	0.2129	0.0603	3.6100e-003	0.0639		891.1894	891.1894	0.0516		892.4803
Worker	0.3786	0.2298	2.2099	7.8700e-003	1.1468	5.8700e-003	1.1527	0.3042	5.4100e-003	0.3096		785.4167	785.4167	0.0158		785.8112
Total	**0.4620**	**3.2851**	**3.0870**	**0.0162**	**1.3559**	**9.6500e-003**	**1.3656**	**0.3644**	**9.0200e-003**	**0.3734**		**1,676.6061**	**1,676.6061**	**0.0674**		**1,678.2915**

3.6 Paving - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.1437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0588**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

3.6 Paving - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0490	0.0297	0.2858	1.0200e-003	0.1483	7.6000e-004	0.1491	0.0393	7.0000e-004	0.0400		101.5625	101.5625	2.0400e-003		101.6135
Total	**0.0490**	**0.0297**	**0.2858**	**1.0200e-003**	**0.1483**	**7.6000e-004**	**0.1491**	**0.0393**	**7.0000e-004**	**0.0400**		**101.5625**	**101.5625**	**2.0400e-003**		**101.6135**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.1437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0588**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

3.6 Paving - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0490	0.0297	0.2858	1.0200e-003	0.1483	7.6000e-004	0.1491	0.0393	7.0000e-004	0.0400		101.5625	101.5625	2.0400e-003		101.6135
Total	**0.0490**	**0.0297**	**0.2858**	**1.0200e-003**	**0.1483**	**7.6000e-004**	**0.1491**	**0.0393**	**7.0000e-004**	**0.0400**		**101.5625**	**101.5625**	**2.0400e-003**		**101.6135**

3.7 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.8330					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**7.0039**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

3.7 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0751	0.0456	0.4382	1.5600e-003	0.2274	1.1600e-003	0.2286	0.0603	1.0700e-003	0.0614		155.7292	155.7292	3.1300e-003		155.8074
Total	**0.0751**	**0.0456**	**0.4382**	**1.5600e-003**	**0.2274**	**1.1600e-003**	**0.2286**	**0.0603**	**1.0700e-003**	**0.0614**		**155.7292**	**155.7292**	**3.1300e-003**		**155.8074**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.8330					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**7.0039**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

3.7 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0751	0.0456	0.4382	1.5600e-003	0.2274	1.1600e-003	0.2286	0.0603	1.0700e-003	0.0614		155.7292	155.7292	3.1300e-003		155.8074
Total	**0.0751**	**0.0456**	**0.4382**	**1.5600e-003**	**0.2274**	**1.1600e-003**	**0.2286**	**0.0603**	**1.0700e-003**	**0.0614**		**155.7292**	**155.7292**	**3.1300e-003**		**155.8074**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	13.00	5.00	5.00	33.00	48.00	19.00	77	19	4
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.605837	0.025637	0.198842	0.106696	0.016574	0.004752	0.012552	0.019801	0.002258	0.001081	0.004377	0.000722	0.000872
Other Asphalt Surfaces	0.605837	0.025637	0.198842	0.106696	0.016574	0.004752	0.012552	0.019801	0.002258	0.001081	0.004377	0.000722	0.000872
Other Non-Asphalt Surfaces	0.605837	0.025637	0.198842	0.106696	0.016574	0.004752	0.012552	0.019801	0.002258	0.001081	0.004377	0.000722	0.000872
Parking Lot	0.605837	0.025637	0.198842	0.106696	0.016574	0.004752	0.012552	0.019801	0.002258	0.001081	0.004377	0.000722	0.000872

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.2400e-003	0.0113	9.4500e-003	7.0000e-005		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004		13.5024	13.5024	2.6000e-004	2.5000e-004	13.5826
NaturalGas Unmitigated	1.7700e-003	0.0161	0.0135	1.0000e-004		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003		19.2588	19.2588	3.7000e-004	3.5000e-004	19.3733

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	163.7	1.7700e-003	0.0161	0.0135	1.0000e-004		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003		19.2588	19.2588	3.7000e-004	3.5000e-004	19.3733
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**1.7700e-003**	**0.0161**	**0.0135**	**1.0000e-004**		**1.2200e-003**	**1.2200e-003**		**1.2200e-003**	**1.2200e-003**		**19.2588**	**19.2588**	**3.7000e-004**	**3.5000e-004**	**19.3733**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.11477	1.2400e-003	0.0113	9.4500e-003	7.0000e-005		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004		13.5024	13.5024	2.6000e-004	2.5000e-004	13.5826
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**1.2400e-003**	**0.0113**	**9.4500e-003**	**7.0000e-005**		**8.6000e-004**	**8.6000e-004**		**8.6000e-004**	**8.6000e-004**		**13.5024**	**13.5024**	**2.6000e-004**	**2.5000e-004**	**13.5826**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.2289	1.0000e-005	1.0100e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.1700e-003	2.1700e-003	1.0000e-005		2.3100e-003
Unmitigated	0.2289	1.0000e-005	1.0100e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.1700e-003	2.1700e-003	1.0000e-005		2.3100e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0543					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1745					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.0000e-005	1.0000e-005	1.0100e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.1700e-003	2.1700e-003	1.0000e-005		2.3100e-003
Total	**0.2289**	**1.0000e-005**	**1.0100e-003**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.1700e-003**	**2.1700e-003**	**1.0000e-005**		**2.3100e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0543					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1745					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.0000e-005	1.0000e-005	1.0100e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.1700e-003	2.1700e-003	1.0000e-005		2.3100e-003
Total	**0.2289**	**1.0000e-005**	**1.0100e-003**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.1700e-003**	**2.1700e-003**	**1.0000e-005**		**2.3100e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Future) Improvement Project

San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1.25	1000sqft	0.03	1,250.00	0
Other Asphalt Surfaces	23.52	Acre	23.52	1,024,531.20	0
City Park	10.72	Acre	10.72	466,963.20	0
User Defined Recreational	0.02	User Defined Unit	0.02	1,000.00	0
Mobile Home Park	20.00	Dwelling Unit	0.23	10,000.00	57
Convenience Market (24 Hour)	3.83	1000sqft	0.09	3,825.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2031
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	294	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Utility Intensity Factor based on PG&E 2018 Corporate Responsibility and Sustainability Report.

Land Use - Estimated additional hardscape and trail/camping areas under Oso Flaco Future - vegetation buffers and related actions captured under Oso Flaco (Initial) for entire site.

Construction Phase - No demolition and minimal grading. Adjusted other phase durations proportionally to defaults to account for appx 3-year construction duration.

Off-road Equipment - Site is relatively flat and was prior cropland - reduced default equipment as site prep limited to light equipment, hand crews, and a few trucks.

Off-road Equipment - Site is relatively flat and was prior cropland - reduced default equipment as there would be limited grading and limited to light equipment, hand crews, and a few trucks.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading -

Trips and VMT - Added vendor trips to Site Prep and Grading to account for water trucks. Reduced Building Const and Arch Coating worker trips to align with the amount of equipment. Reduced building vendor trips.

Vehicle Trips - No net change in staff or visitor trips.

Energy Use -

Construction Off-road Equipment Mitigation - Water at least twice daily.

Energy Mitigation - Exceed default 2016 Title 24 to represent most recent Title 24 effective Jan 1, 2020.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	55.00	57.00
tblConstructionPhase	NumDays	740.00	613.00
tblConstructionPhase	NumDays	75.00	24.00
tblConstructionPhase	NumDays	55.00	57.00
tblConstructionPhase	NumDays	30.00	24.00
tblConstructionPhase	PhaseEndDate	11/7/2031	12/30/2030
tblConstructionPhase	PhaseEndDate	6/6/2031	7/23/2030

tblConstructionPhase	PhaseEndDate	8/4/2028	3/16/2028
tblConstructionPhase	PhaseEndDate	8/22/2031	10/10/2030
tblConstructionPhase	PhaseEndDate	4/21/2028	2/11/2028
tblConstructionPhase	PhaseStartDate	8/23/2031	10/11/2030
tblConstructionPhase	PhaseStartDate	8/5/2028	3/17/2028
tblConstructionPhase	PhaseStartDate	4/22/2028	2/12/2028
tblConstructionPhase	PhaseStartDate	6/7/2031	7/24/2030
tblConstructionPhase	PhaseStartDate	3/11/2028	1/11/2028
tblGrading	AcresOfGrading	12.00	60.00
tblLandUse	LandUseSquareFeet	24,000.00	10,000.00
tblLandUse	LandUseSquareFeet	0.00	1,000.00
tblLandUse	LotAcreage	2.52	0.23
tblLandUse	LotAcreage	0.00	0.02
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	294
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	248.00	24.00
tblTripsAndVMT	WorkerTripNumber	643.00	27.00
tblTripsAndVMT	WorkerTripNumber	129.00	5.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	863.10	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	5.00	0.00
tblVehicleTrips	SU_TR	16.74	0.00

tblVehicleTrips	SU_TR	758.45	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	4.36	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	737.99	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	4.99	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2028	0.1713	1.6275	2.0171	3.8900e-003	0.0744	0.0614	0.1358	0.0150	0.0576	0.0726	0.0000	341.8389	341.8389	0.0712	0.0000	343.6194
2029	0.1927	1.8415	2.2116	4.3300e-003	0.0482	0.0692	0.1174	0.0131	0.0651	0.0783	0.0000	380.0735	380.0735	0.0747	0.0000	381.9401
2030	0.6190	0.9254	1.7513	3.6300e-003	0.0324	0.0210	0.0535	8.8000e-003	0.0210	0.0298	0.0000	313.9897	313.9897	0.0132	0.0000	314.3202
Maximum	**0.6190**	**1.8415**	**2.2116**	**4.3300e-003**	**0.0744**	**0.0692**	**0.1358**	**0.0150**	**0.0651**	**0.0783**	**0.0000**	**380.0735**	**380.0735**	**0.0747**	**0.0000**	**381.9401**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2028	0.1713	1.6275	2.0171	3.8900e-003	0.0569	0.0614	0.1183	0.0131	0.0576	0.0707	0.0000	341.8386	341.8386	0.0712	0.0000	343.6190
2029	0.1927	1.8415	2.2116	4.3300e-003	0.0482	0.0692	0.1174	0.0131	0.0651	0.0783	0.0000	380.0732	380.0732	0.0747	0.0000	381.9398
2030	0.6190	0.9254	1.7513	3.6300e-003	0.0324	0.0210	0.0535	8.8000e-003	0.0210	0.0298	0.0000	313.9894	313.9894	0.0132	0.0000	314.3199
Maximum	**0.6190**	**1.8415**	**2.2116**	**4.3300e-003**	**0.0569**	**0.0692**	**0.1183**	**0.0131**	**0.0651**	**0.0783**	**0.0000**	**380.0732**	**380.0732**	**0.0747**	**0.0000**	**381.9398**

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Future) Improvement Project - San Luis Obispo County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**11.29**	**0.00**	**5.71**	**5.11**	**0.00**	**1.05**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2028**	**3-31-2028**	0.2713	0.2713
2	**4-1-2028**	**6-30-2028**	0.5073	0.5073
3	**7-1-2028**	**9-30-2028**	0.5129	0.5129
4	**10-1-2028**	**12-31-2028**	0.5131	0.5131
5	**1-1-2029**	**3-31-2029**	0.5008	0.5008
6	**4-1-2029**	**6-30-2029**	0.5062	0.5062
7	**7-1-2029**	**9-30-2029**	0.5118	0.5118
8	**10-1-2029**	**12-31-2029**	0.5119	0.5119
9	**1-1-2030**	**3-31-2030**	0.3521	0.3521
10	**4-1-2030**	**6-30-2030**	0.3559	0.3559
11	**7-1-2030**	**9-30-2030**	0.3275	0.3275
		Highest	0.5131	0.5131

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1856	3.1400e-003	0.2722	1.0000e-005		1.5100e-003	1.5100e-003		1.5100e-003	1.5100e-003	0.0000	0.4460	0.4460	4.3000e-004	0.0000	0.4567
Energy	1.9900e-003	0.0171	7.8800e-003	1.1000e-004		1.3800e-003	1.3800e-003		1.3800e-003	1.3800e-003	0.0000	42.4152	42.4152	2.6200e-003	8.2000e-004	42.7264
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	4.6262	0.0000	4.6262	0.2734	0.0000	11.4611
Water						0.0000	0.0000		0.0000	0.0000	0.5739	7.7951	8.3690	0.0597	1.5500e-003	10.3240
Total	**0.1876**	**0.0203**	**0.2801**	**1.2000e-004**	**0.0000**	**2.8900e-003**	**2.8900e-003**	**0.0000**	**2.8900e-003**	**2.8900e-003**	**5.2001**	**50.6563**	**55.8563**	**0.3362**	**2.3700e-003**	**64.9682**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1856	3.1400e-003	0.2722	1.0000e-005		1.5100e-003	1.5100e-003		1.5100e-003	1.5100e-003	0.0000	0.4460	0.4460	4.3000e-004	0.0000	0.4567
Energy	1.5000e-003	0.0129	5.8900e-003	8.0000e-005		1.0300e-003	1.0300e-003		1.0300e-003	1.0300e-003	0.0000	36.5370	36.5370	2.4300e-003	7.1000e-004	36.8107
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	4.6262	0.0000	4.6262	0.2734	0.0000	11.4611
Water						0.0000	0.0000		0.0000	0.0000	0.5739	7.7951	8.3690	0.0597	1.5500e-003	10.3240
Total	**0.1871**	**0.0160**	**0.2781**	**9.0000e-005**	**0.0000**	**2.5400e-003**	**2.5400e-003**	**0.0000**	**2.5400e-003**	**2.5400e-003**	**5.2001**	**44.7781**	**49.9781**	**0.3360**	**2.2600e-003**	**59.0525**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.26**	**21.04**	**0.71**	**25.00**	**0.00**	**12.11**	**12.11**	**0.00**	**12.11**	**12.11**	**0.00**	**11.60**	**10.52**	**0.06**	**4.64**	**9.11**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/11/2028	2/11/2028	5	24	
2	Grading	Grading	2/12/2028	3/16/2028	5	24	
3	Building Construction	Building Construction	3/17/2028	7/23/2030	5	613	
4	Paving	Paving	7/24/2030	10/10/2030	5	57	
5	Architectural Coating	Architectural Coating	10/11/2030	12/30/2030	5	57	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 60

Acres of Paving: 23.52

Residential Indoor: 20,250; Residential Outdoor: 6,750; Non-Residential Indoor: 9,113; Non-Residential Outdoor: 3,038; Striped Parking Area: 61,472 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Grading	Excavators	2	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	27.00	24.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.3400e-003	0.0641	0.1070	1.5000e-004		2.6000e-003	2.6000e-003		2.3900e-003	2.3900e-003	0.0000	13.1530	13.1530	4.2500e-003	0.0000	13.2593
Total	**6.3400e-003**	**0.0641**	**0.1070**	**1.5000e-004**	**0.0000**	**2.6000e-003**	**2.6000e-003**	**0.0000**	**2.3900e-003**	**2.3900e-003**	**0.0000**	**13.1530**	**13.1530**	**4.2500e-003**	**0.0000**	**13.2593**

3.2 Site Preparation - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.6200e-003	4.3000e-004	0.0000	1.1000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.4377	0.4377	2.0000e-005	0.0000	0.4383
Worker	5.9000e-004	3.8000e-004	3.8400e-003	1.0000e-005	2.0800e-003	1.0000e-005	2.0900e-003	5.5000e-004	1.0000e-005	5.6000e-004	0.0000	1.2952	1.2952	2.0000e-005	0.0000	1.2958
Total	**6.3000e-004**	**2.0000e-003**	**4.2700e-003**	**1.0000e-005**	**2.1900e-003**	**1.0000e-005**	**2.2000e-003**	**5.8000e-004**	**1.0000e-005**	**5.9000e-004**	**0.0000**	**1.7329**	**1.7329**	**4.0000e-005**	**0.0000**	**1.7341**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.3400e-003	0.0641	0.1070	1.5000e-004		2.6000e-003	2.6000e-003		2.3900e-003	2.3900e-003	0.0000	13.1530	13.1530	4.2500e-003	0.0000	13.2593
Total	**6.3400e-003**	**0.0641**	**0.1070**	**1.5000e-004**	**0.0000**	**2.6000e-003**	**2.6000e-003**	**0.0000**	**2.3900e-003**	**2.3900e-003**	**0.0000**	**13.1530**	**13.1530**	**4.2500e-003**	**0.0000**	**13.2593**

3.2 Site Preparation - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.6200e-003	4.3000e-004	0.0000	1.1000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.4377	0.4377	2.0000e-005	0.0000	0.4383
Worker	5.9000e-004	3.8000e-004	3.8400e-003	1.0000e-005	2.0800e-003	1.0000e-005	2.0900e-003	5.5000e-004	1.0000e-005	5.6000e-004	0.0000	1.2952	1.2952	2.0000e-005	0.0000	1.2958
Total	**6.3000e-004**	**2.0000e-003**	**4.2700e-003**	**1.0000e-005**	**2.1900e-003**	**1.0000e-005**	**2.2000e-003**	**5.8000e-004**	**1.0000e-005**	**5.9000e-004**	**0.0000**	**1.7329**	**1.7329**	**4.0000e-005**	**0.0000**	**1.7341**

3.3 Grading - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0318	0.0000	0.0318	3.4400e-003	0.0000	3.4400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0109	0.1028	0.1509	2.8000e-004		4.0700e-003	4.0700e-003		3.7500e-003	3.7500e-003	0.0000	24.4399	24.4399	7.9000e-003	0.0000	24.6375
Total	**0.0109**	**0.1028**	**0.1509**	**2.8000e-004**	**0.0318**	**4.0700e-003**	**0.0359**	**3.4400e-003**	**3.7500e-003**	**7.1900e-003**	**0.0000**	**24.4399**	**24.4399**	**7.9000e-003**	**0.0000**	**24.6375**

3.3 Grading - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.6200e-003	4.3000e-004	0.0000	1.1000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.4377	0.4377	2.0000e-005	0.0000	0.4383
Worker	6.5000e-004	4.3000e-004	4.2600e-003	2.0000e-005	2.3100e-003	1.0000e-005	2.3200e-003	6.1000e-004	1.0000e-005	6.2000e-004	0.0000	1.4391	1.4391	3.0000e-005	0.0000	1.4398
Total	**6.9000e-004**	**2.0500e-003**	**4.6900e-003**	**2.0000e-005**	**2.4200e-003**	**1.0000e-005**	**2.4300e-003**	**6.4000e-004**	**1.0000e-005**	**6.5000e-004**	**0.0000**	**1.8768**	**1.8768**	**5.0000e-005**	**0.0000**	**1.8781**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0143	0.0000	0.0143	1.5500e-003	0.0000	1.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0109	0.1028	0.1509	2.8000e-004		4.0700e-003	4.0700e-003		3.7500e-003	3.7500e-003	0.0000	24.4398	24.4398	7.9000e-003	0.0000	24.6374
Total	**0.0109**	**0.1028**	**0.1509**	**2.8000e-004**	**0.0143**	**4.0700e-003**	**0.0184**	**1.5500e-003**	**3.7500e-003**	**5.3000e-003**	**0.0000**	**24.4398**	**24.4398**	**7.9000e-003**	**0.0000**	**24.6374**

3.3 Grading - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.6200e-003	4.3000e-004	0.0000	1.1000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.4377	0.4377	2.0000e-005	0.0000	0.4383
Worker	6.5000e-004	4.3000e-004	4.2600e-003	2.0000e-005	2.3100e-003	1.0000e-005	2.3200e-003	6.1000e-004	1.0000e-005	6.2000e-004	0.0000	1.4391	1.4391	3.0000e-005	0.0000	1.4398
Total	**6.9000e-004**	**2.0500e-003**	**4.6900e-003**	**2.0000e-005**	**2.4200e-003**	**1.0000e-005**	**2.4300e-003**	**6.4000e-004**	**1.0000e-005**	**6.5000e-004**	**0.0000**	**1.8768**	**1.8768**	**5.0000e-005**	**0.0000**	**1.8781**

3.4 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1408	1.2844	1.6567	2.7800e-003		0.0543	0.0543		0.0511	0.0511	0.0000	238.8770	238.8770	0.0562	0.0000	240.2809
Total	**0.1408**	**1.2844**	**1.6567**	**2.7800e-003**		**0.0543**	**0.0543**		**0.0511**	**0.0511**	**0.0000**	**238.8770**	**238.8770**	**0.0562**	**0.0000**	**240.2809**

3.4 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.2700e-003	0.1672	0.0442	4.6000e-004	0.0112	1.9000e-004	0.0114	3.2500e-003	1.8000e-004	3.4300e-003	0.0000	45.0837	45.0837	2.4900e-003	0.0000	45.1460
Worker	7.5700e-003	4.9300e-003	0.0494	1.8000e-004	0.0268	1.3000e-004	0.0269	7.1100e-003	1.2000e-004	7.2400e-003	0.0000	16.6756	16.6756	3.2000e-004	0.0000	16.6835
Total	**0.0118**	**0.1721**	**0.0936**	**6.4000e-004**	**0.0380**	**3.2000e-004**	**0.0383**	**0.0104**	**3.0000e-004**	**0.0107**	**0.0000**	**61.7593**	**61.7593**	**2.8100e-003**	**0.0000**	**61.8295**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1408	1.2844	1.6567	2.7800e-003		0.0543	0.0543		0.0511	0.0511	0.0000	238.8768	238.8768	0.0562	0.0000	240.2806
Total	**0.1408**	**1.2844**	**1.6567**	**2.7800e-003**		**0.0543**	**0.0543**		**0.0511**	**0.0511**	**0.0000**	**238.8768**	**238.8768**	**0.0562**	**0.0000**	**240.2806**

3.4 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.2700e-003	0.1672	0.0442	4.6000e-004	0.0112	1.9000e-004	0.0114	3.2500e-003	1.8000e-004	3.4300e-003	0.0000	45.0837	45.0837	2.4900e-003	0.0000	45.1460
Worker	7.5700e-003	4.9300e-003	0.0494	1.8000e-004	0.0268	1.3000e-004	0.0269	7.1100e-003	1.2000e-004	7.2400e-003	0.0000	16.6756	16.6756	3.2000e-004	0.0000	16.6835
Total	**0.0118**	**0.1721**	**0.0936**	**6.4000e-004**	**0.0380**	**3.2000e-004**	**0.0383**	**0.0104**	**3.0000e-004**	**0.0107**	**0.0000**	**61.7593**	**61.7593**	**2.8100e-003**	**0.0000**	**61.8295**

3.4 Building Construction - 2029

Unmitigated Construction On-Site

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

3.4 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.2400e-003	0.2085	0.0543	5.8000e-004	0.0143	2.3000e-004	0.0145	4.1200e-003	2.2000e-004	4.3300e-003	0.0000	56.9023	56.9023	3.1600e-003	0.0000	56.9813
Worker	8.9600e-003	5.6900e-003	0.0583	2.3000e-004	0.0339	1.5000e-004	0.0341	9.0100e-003	1.4000e-004	9.1600e-003	0.0000	20.5164	20.5164	3.6000e-004	0.0000	20.5254
Total	**0.0142**	**0.2142**	**0.1126**	**8.1000e-004**	**0.0482**	**3.8000e-004**	**0.0485**	**0.0131**	**3.6000e-004**	**0.0135**	**0.0000**	**77.4186**	**77.4186**	**3.5200e-003**	**0.0000**	**77.5066**

Mitigated Construction On-Site

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

3.4 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.2400e-003	0.2085	0.0543	5.8000e-004	0.0143	2.3000e-004	0.0145	4.1200e-003	2.2000e-004	4.3300e-003	0.0000	56.9023	56.9023	3.1600e-003	0.0000	56.9813
Worker	8.9600e-003	5.6900e-003	0.0583	2.3000e-004	0.0339	1.5000e-004	0.0341	9.0100e-003	1.4000e-004	9.1600e-003	0.0000	20.5164	20.5164	3.6000e-004	0.0000	20.5254
Total	**0.0142**	**0.2142**	**0.1126**	**8.1000e-004**	**0.0482**	**3.8000e-004**	**0.0485**	**0.0131**	**3.6000e-004**	**0.0135**	**0.0000**	**77.4186**	**77.4186**	**3.5200e-003**	**0.0000**	**77.5066**

3.4 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0956	0.5792	1.1795	2.2600e-003		0.0108	0.0108		0.0108	0.0108	0.0000	191.8885	191.8885	7.7000e-003	0.0000	192.0810
Total	**0.0956**	**0.5792**	**1.1795**	**2.2600e-003**		**0.0108**	**0.0108**		**0.0108**	**0.0108**	**0.0000**	**191.8885**	**191.8885**	**7.7000e-003**	**0.0000**	**192.0810**

3.4 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8600e-003	0.1151	0.0297	3.3000e-004	7.9700e-003	1.2000e-004	8.0900e-003	2.3000e-003	1.2000e-004	2.4200e-003	0.0000	31.7337	31.7337	1.7700e-003	0.0000	31.7779
Worker	4.6600e-003	2.9000e-003	0.0304	1.2000e-004	0.0190	8.0000e-005	0.0191	5.0400e-003	7.0000e-005	5.1200e-003	0.0000	11.1753	11.1753	1.8000e-004	0.0000	11.1799
Total	**7.5200e-003**	**0.1180**	**0.0601**	**4.5000e-004**	**0.0270**	**2.0000e-004**	**0.0271**	**7.3400e-003**	**1.9000e-004**	**7.5400e-003**	**0.0000**	**42.9090**	**42.9090**	**1.9500e-003**	**0.0000**	**42.9578**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0956	0.5792	1.1795	2.2600e-003		0.0108	0.0108		0.0108	0.0108	0.0000	191.8883	191.8883	7.7000e-003	0.0000	192.0808
Total	**0.0956**	**0.5792**	**1.1795**	**2.2600e-003**		**0.0108**	**0.0108**		**0.0108**	**0.0108**	**0.0000**	**191.8883**	**191.8883**	**7.7000e-003**	**0.0000**	**192.0808**

3.4 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8600e-003	0.1151	0.0297	3.3000e-004	7.9700e-003	1.2000e-004	8.0900e-003	2.3000e-003	1.2000e-004	2.4200e-003	0.0000	31.7337	31.7337	1.7700e-003	0.0000	31.7779
Worker	4.6600e-003	2.9000e-003	0.0304	1.2000e-004	0.0190	8.0000e-005	0.0191	5.0400e-003	7.0000e-005	5.1200e-003	0.0000	11.1753	11.1753	1.8000e-004	0.0000	11.1799
Total	**7.5200e-003**	**0.1180**	**0.0601**	**4.5000e-004**	**0.0270**	**2.0000e-004**	**0.0271**	**7.3400e-003**	**1.9000e-004**	**7.5400e-003**	**0.0000**	**42.9090**	**42.9090**	**1.9500e-003**	**0.0000**	**42.9578**

3.5 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0395	0.2029	0.4517	8.0000e-004		9.4200e-003	9.4200e-003		9.4200e-003	9.4200e-003	0.0000	68.6836	68.6836	3.2200e-003	0.0000	68.7641
Paving	0.0308					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0703**	**0.2029**	**0.4517**	**8.0000e-004**		**9.4200e-003**	**9.4200e-003**		**9.4200e-003**	**9.4200e-003**	**0.0000**	**68.6836**	**68.6836**	**3.2200e-003**	**0.0000**	**68.7641**

3.5 Paving - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0100e-003	6.3000e-004	6.6000e-003	3.0000e-005	4.1200e-003	2.0000e-005	4.1300e-003	1.0900e-003	2.0000e-005	1.1100e-003	0.0000	2.4239	2.4239	4.0000e-005	0.0000	2.4249
Total	**1.0100e-003**	**6.3000e-004**	**6.6000e-003**	**3.0000e-005**	**4.1200e-003**	**2.0000e-005**	**4.1300e-003**	**1.0900e-003**	**2.0000e-005**	**1.1100e-003**	**0.0000**	**2.4239**	**2.4239**	**4.0000e-005**	**0.0000**	**2.4249**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0395	0.2029	0.4517	8.0000e-004		9.4200e-003	9.4200e-003		9.4200e-003	9.4200e-003	0.0000	68.6835	68.6835	3.2200e-003	0.0000	68.7640
Paving	0.0308					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0703**	**0.2029**	**0.4517**	**8.0000e-004**		**9.4200e-003**	**9.4200e-003**		**9.4200e-003**	**9.4200e-003**	**0.0000**	**68.6835**	**68.6835**	**3.2200e-003**	**0.0000**	**68.7640**

3.5 Paving - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0100e-003	6.3000e-004	6.6000e-003	3.0000e-005	4.1200e-003	2.0000e-005	4.1300e-003	1.0900e-003	2.0000e-005	1.1100e-003	0.0000	2.4239	2.4239	4.0000e-005	0.0000	2.4249
Total	**1.0100e-003**	**6.3000e-004**	**6.6000e-003**	**3.0000e-005**	**4.1200e-003**	**2.0000e-005**	**4.1300e-003**	**1.0900e-003**	**2.0000e-005**	**1.1100e-003**	**0.0000**	**2.4239**	**2.4239**	**4.0000e-005**	**0.0000**	**2.4249**

3.6 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4405					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7300e-003	0.0244	0.0512	8.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	7.2768	7.2768	2.9000e-004	0.0000	7.2841
Total	**0.4443**	**0.0244**	**0.0512**	**8.0000e-005**		**5.8000e-004**	**5.8000e-004**		**5.8000e-004**	**5.8000e-004**	**0.0000**	**7.2768**	**7.2768**	**2.9000e-004**	**0.0000**	**7.2841**

3.6 Architectural Coating - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4000e-004	2.1000e-004	2.2000e-003	1.0000e-005	1.3700e-003	1.0000e-005	1.3800e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	0.8080	0.8080	1.0000e-005	0.0000	0.8083
Total	**3.4000e-004**	**2.1000e-004**	**2.2000e-003**	**1.0000e-005**	**1.3700e-003**	**1.0000e-005**	**1.3800e-003**	**3.6000e-004**	**1.0000e-005**	**3.7000e-004**	**0.0000**	**0.8080**	**0.8080**	**1.0000e-005**	**0.0000**	**0.8083**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4405					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7300e-003	0.0244	0.0512	8.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	7.2768	7.2768	2.9000e-004	0.0000	7.2841
Total	**0.4443**	**0.0244**	**0.0512**	**8.0000e-005**		**5.8000e-004**	**5.8000e-004**		**5.8000e-004**	**5.8000e-004**	**0.0000**	**7.2768**	**7.2768**	**2.9000e-004**	**0.0000**	**7.2841**

3.6 Architectural Coating - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4000e-004	2.1000e-004	2.2000e-003	1.0000e-005	1.3700e-003	1.0000e-005	1.3800e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	0.8080	0.8080	1.0000e-005	0.0000	0.8083
Total	**3.4000e-004**	**2.1000e-004**	**2.2000e-003**	**1.0000e-005**	**1.3700e-003**	**1.0000e-005**	**1.3800e-003**	**3.6000e-004**	**1.0000e-005**	**3.7000e-004**	**0.0000**	**0.8080**	**0.8080**	**1.0000e-005**	**0.0000**	**0.8083**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Convenience Market (24 Hour)	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Mobile Home Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	13.00	5.00	5.00	33.00	48.00	19.00	66	28	6
Convenience Market (24 Hour)	13.00	5.00	5.00	0.90	80.10	19.00	24	15	61
General Office Building	13.00	5.00	5.00	33.00	48.00	19.00	77	19	4
Mobile Home Park	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.612396	0.024877	0.199479	0.103649	0.013836	0.004324	0.012559	0.019976	0.002246	0.001043	0.004198	0.000702	0.000716
Convenience Market (24 Hour)	0.612396	0.024877	0.199479	0.103649	0.013836	0.004324	0.012559	0.019976	0.002246	0.001043	0.004198	0.000702	0.000716
General Office Building	0.612396	0.024877	0.199479	0.103649	0.013836	0.004324	0.012559	0.019976	0.002246	0.001043	0.004198	0.000702	0.000716
Mobile Home Park	0.612396	0.024877	0.199479	0.103649	0.013836	0.004324	0.012559	0.019976	0.002246	0.001043	0.004198	0.000702	0.000716
Other Asphalt Surfaces	0.612396	0.024877	0.199479	0.103649	0.013836	0.004324	0.012559	0.019976	0.002246	0.001043	0.004198	0.000702	0.000716
User Defined Recreational	0.612396	0.024877	0.199479	0.103649	0.013836	0.004324	0.012559	0.019976	0.002246	0.001043	0.004198	0.000702	0.000716

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Future) Improvement Project - San Luis Obispo County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	21.7266	21.7266	2.1400e-003	4.4000e-004	21.9123
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	22.7024	22.7024	2.2400e-003	4.6000e-004	22.8964
NaturalGas Mitigated	1.5000e-003	0.0129	5.8900e-003	8.0000e-005		1.0300e-003	1.0300e-003		1.0300e-003	1.0300e-003	0.0000	14.8104	14.8104	2.8000e-004	2.7000e-004	14.8984
NaturalGas Unmitigated	1.9900e-003	0.0171	7.8800e-003	1.1000e-004		1.3800e-003	1.3800e-003		1.3800e-003	1.3800e-003	0.0000	19.7128	19.7128	3.8000e-004	3.6000e-004	19.8300

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Convenience Market (24 Hour)	9065.25	5.0000e-005	4.4000e-004	3.7000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4838	0.4838	1.0000e-005	1.0000e-005	0.4866
General Office Building	20462.5	1.1000e-004	1.0000e-003	8.4000e-004	1.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	1.0920	1.0920	2.0000e-005	2.0000e-005	1.0985
Mobile Home Park	339877	1.8300e-003	0.0157	6.6600e-003	1.0000e-004		1.2700e-003	1.2700e-003		1.2700e-003	1.2700e-003	0.0000	18.1371	18.1371	3.5000e-004	3.3000e-004	18.2449
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**1.9900e-003**	**0.0171**	**7.8700e-003**	**1.1000e-004**		**1.3800e-003**	**1.3800e-003**		**1.3800e-003**	**1.3800e-003**	**0.0000**	**19.7128**	**19.7128**	**3.8000e-004**	**3.6000e-004**	**19.8300**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Convenience Market (24 Hour)	6345.68	3.0000e-005	3.1000e-004	2.6000e-004	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.3386	0.3386	1.0000e-005	1.0000e-005	0.3406
General Office Building	14346.2	8.0000e-005	7.0000e-004	5.9000e-004	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.7656	0.7656	1.0000e-005	1.0000e-005	0.7701
Mobile Home Park	256844	1.3800e-003	0.0118	5.0400e-003	8.0000e-005		9.6000e-004	9.6000e-004		9.6000e-004	9.6000e-004	0.0000	13.7062	13.7062	2.6000e-004	2.5000e-004	13.7876
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**1.4900e-003**	**0.0128**	**5.8900e-003**	**8.0000e-005**		**1.0300e-003**	**1.0300e-003**		**1.0300e-003**	**1.0300e-003**	**0.0000**	**14.8104**	**14.8104**	**2.8000e-004**	**2.7000e-004**	**14.8984**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Convenience Market (24 Hour)	40889.3	5.4528	5.4000e-004	1.1000e-004	5.4994
General Office Building	22287.5	2.9722	2.9000e-004	6.0000e-005	2.9976
Mobile Home Park	107062	14.2774	1.4100e-003	2.9000e-004	14.3994
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**22.7024**	**2.2400e-003**	**4.6000e-004**	**22.8964**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Convenience Market (24 Hour)	37722.2	5.0305	5.0000e-004	1.0000e-004	5.0735
General Office Building	19996.3	2.6666	2.6000e-004	5.0000e-005	2.6894
Mobile Home Park	105203	14.0295	1.3800e-003	2.9000e-004	14.1494
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**21.7266**	**2.1400e-003**	**4.4000e-004**	**21.9123**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1856	3.1400e-003	0.2722	1.0000e-005		1.5100e-003	1.5100e-003		1.5100e-003	1.5100e-003	0.0000	0.4460	0.4460	4.3000e-004	0.0000	0.4567
Unmitigated	0.1856	3.1400e-003	0.2722	1.0000e-005		1.5100e-003	1.5100e-003		1.5100e-003	1.5100e-003	0.0000	0.4460	0.4460	4.3000e-004	0.0000	0.4567

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0441					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1334					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	8.1800e-003	3.1400e-003	0.2722	1.0000e-005		1.5100e-003	1.5100e-003		1.5100e-003	1.5100e-003	0.0000	0.4460	0.4460	4.3000e-004	0.0000	0.4567
Total	**0.1856**	**3.1400e-003**	**0.2722**	**1.0000e-005**		**1.5100e-003**	**1.5100e-003**		**1.5100e-003**	**1.5100e-003**	**0.0000**	**0.4460**	**0.4460**	**4.3000e-004**	**0.0000**	**0.4567**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0441					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1334					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	8.1800e-003	3.1400e-003	0.2722	1.0000e-005		1.5100e-003	1.5100e-003		1.5100e-003	1.5100e-003	0.0000	0.4460	0.4460	4.3000e-004	0.0000	0.4567
Total	**0.1856**	**3.1400e-003**	**0.2722**	**1.0000e-005**		**1.5100e-003**	**1.5100e-003**		**1.5100e-003**	**1.5100e-003**	**0.0000**	**0.4460**	**0.4460**	**4.3000e-004**	**0.0000**	**0.4567**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	8.3690	0.0597	1.5500e-003	10.3240
Unmitigated	8.3690	0.0597	1.5500e-003	10.3240

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 12.7727	5.9616	5.9000e-004	1.2000e-004	6.0126
Convenience Market (24 Hour)	0.283698 / 0.173879	0.3759	9.2700e-003	2.2000e-004	0.6745
General Office Building	0.222167 / 0.136167	0.2944	7.2600e-003	1.8000e-004	0.5282
Mobile Home Park	1.30308 / 0.821507	1.7371	0.0426	1.0300e-003	3.1087
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Recreational	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**8.3690**	**0.0597**	**1.5500e-003**	**10.3240**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 12.7727	5.9616	5.9000e-004	1.2000e-004	6.0126
Convenience Market (24 Hour)	0.283698 / 0.173879	0.3759	9.2700e-003	2.2000e-004	0.6745
General Office Building	0.222167 / 0.136167	0.2944	7.2600e-003	1.8000e-004	0.5282
Mobile Home Park	1.30308 / 0.821507	1.7371	0.0426	1.0300e-003	3.1087
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Recreational	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**8.3690**	**0.0597**	**1.5500e-003**	**10.3240**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	4.6262	0.2734	0.0000	11.4611
Unmitigated	4.6262	0.2734	0.0000	11.4611

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.92	0.1868	0.0110	0.0000	0.4627
Convenience Market (24 Hour)	11.51	2.3364	0.1381	0.0000	5.7884
General Office Building	1.16	0.2355	0.0139	0.0000	0.5834
Mobile Home Park	9.2	1.8675	0.1104	0.0000	4.6267
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**4.6262**	**0.2734**	**0.0000**	**11.4611**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.92	0.1868	0.0110	0.0000	0.4627
Convenience Market (24 Hour)	11.51	2.3364	0.1381	0.0000	5.7884
General Office Building	1.16	0.2355	0.0139	0.0000	0.5834
Mobile Home Park	9.2	1.8675	0.1104	0.0000	4.6267
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**4.6262**	**0.2734**	**0.0000**	**11.4611**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Future) Improvement Project

San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1.25	1000sqft	0.03	1,250.00	0
Other Asphalt Surfaces	23.52	Acre	23.52	1,024,531.20	0
City Park	10.72	Acre	10.72	466,963.20	0
User Defined Recreational	0.02	User Defined Unit	0.02	1,000.00	0
Mobile Home Park	20.00	Dwelling Unit	0.23	10,000.00	57
Convenience Market (24 Hour)	3.83	1000sqft	0.09	3,825.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2031
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	294	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Utility Intensity Factor based on PG&E 2018 Corporate Responsibility and Sustainability Report.

Land Use - Estimated additional hardscape and trail/camping areas under Oso Flaco Future - vegetation buffers and related actions captured under Oso Flaco (Initial) for entire site.

Construction Phase - No demolition and minimal grading. Adjusted other phase durations proportionally to defaults to account for appx 3-year construction duration.

Off-road Equipment - Site is relatively flat and was prior cropland - reduced default equipment as site prep limited to light equipment, hand crews, and a few trucks.

Off-road Equipment - Site is relatively flat and was prior cropland - reduced default equipment as there would be limited grading and limited to light equipment, hand crews, and a few trucks.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading -

Trips and VMT - Added vendor trips to Site Prep and Grading to account for water trucks. Reduced Building Const and Arch Coating worker trips to align with the amount of equipment. Reduced building vendor trips.

Vehicle Trips - No net change in staff or visitor trips.

Energy Use -

Construction Off-road Equipment Mitigation - Water at least twice daily.

Energy Mitigation - Exceed default 2016 Title 24 to represent most recent Title 24 effective Jan 1, 2020.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	55.00	57.00
tblConstructionPhase	NumDays	740.00	613.00
tblConstructionPhase	NumDays	75.00	24.00
tblConstructionPhase	NumDays	55.00	57.00
tblConstructionPhase	NumDays	30.00	24.00
tblConstructionPhase	PhaseEndDate	11/7/2031	12/30/2030
tblConstructionPhase	PhaseEndDate	6/6/2031	7/23/2030

tblConstructionPhase	PhaseEndDate	8/4/2028	3/16/2028
tblConstructionPhase	PhaseEndDate	8/22/2031	10/10/2030
tblConstructionPhase	PhaseEndDate	4/21/2028	2/11/2028
tblConstructionPhase	PhaseStartDate	8/23/2031	10/11/2030
tblConstructionPhase	PhaseStartDate	8/5/2028	3/17/2028
tblConstructionPhase	PhaseStartDate	4/22/2028	2/12/2028
tblConstructionPhase	PhaseStartDate	6/7/2031	7/24/2030
tblConstructionPhase	PhaseStartDate	3/11/2028	1/11/2028
tblGrading	AcresOfGrading	12.00	60.00
tblLandUse	LandUseSquareFeet	24,000.00	10,000.00
tblLandUse	LandUseSquareFeet	0.00	1,000.00
tblLandUse	LotAcreage	2.52	0.23
tblLandUse	LotAcreage	0.00	0.02
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	294
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	248.00	24.00
tblTripsAndVMT	WorkerTripNumber	643.00	27.00
tblTripsAndVMT	WorkerTripNumber	129.00	5.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	863.10	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	5.00	0.00
tblVehicleTrips	SU_TR	16.74	0.00

tblVehicleTrips	SU_TR	758.45	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	4.36	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	737.99	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	4.99	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2028	1.4790	14.1310	16.9879	0.0334	2.8583	0.5307	3.1986	0.3414	0.4992	0.6545	0.0000	3,231.2300	3,231.2300	0.7309	0.0000	3,246.9888
2029	1.4730	14.1022	16.9421	0.0333	0.3785	0.5305	0.9089	0.1029	0.4990	0.6019	0.0000	3,223.9895	3,223.9895	0.6301	0.0000	3,239.7406
2030	15.5992	9.5429	16.9750	0.0372	0.3785	0.3312	0.5294	0.1029	0.3312	0.3705	0.0000	3,558.8596	3,558.8596	0.1451	0.0000	3,562.4864
Maximum	**15.5992**	**14.1310**	**16.9879**	**0.0372**	**2.8583**	**0.5307**	**3.1986**	**0.3414**	**0.4992**	**0.6545**	**0.0000**	**3,558.8596**	**3,558.8596**	**0.7309**	**0.0000**	**3,562.4864**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2028	1.4790	14.1310	16.9879	0.0334	1.4001	0.5307	1.7404	0.1839	0.4992	0.6021	0.0000	3,231.2300	3,231.2300	0.7309	0.0000	3,246.9888
2029	1.4730	14.1022	16.9421	0.0333	0.3785	0.5305	0.9089	0.1029	0.4990	0.6019	0.0000	3,223.9895	3,223.9895	0.6301	0.0000	3,239.7406
2030	15.5992	9.5429	16.9750	0.0372	0.3785	0.3312	0.5294	0.1029	0.3312	0.3705	0.0000	3,558.8596	3,558.8596	0.1451	0.0000	3,562.4864
Maximum	**15.5992**	**14.1310**	**16.9879**	**0.0372**	**1.4001**	**0.5307**	**1.7404**	**0.1839**	**0.4992**	**0.6021**	**0.0000**	**3,558.8596**	**3,558.8596**	**0.7309**	**0.0000**	**3,562.4864**

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Future) Improvement Project - San Luis Obispo County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**40.33**	**0.00**	**31.45**	**28.77**	**0.00**	**3.22**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0219	0.0190	1.6497	9.0000e-005		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003	0.0000	2.9797	2.9797	2.8500e-003	0.0000	3.0510
Energy	0.0109	0.0937	0.0432	6.0000e-004		7.5400e-003	7.5400e-003		7.5400e-003	7.5400e-003		119.0667	119.0667	2.2800e-003	2.1800e-003	119.7743
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.0328**	**0.1128**	**1.6928**	**6.9000e-004**	**0.0000**	**0.0167**	**0.0167**	**0.0000**	**0.0167**	**0.0167**	**0.0000**	**122.0464**	**122.0464**	**5.1300e-003**	**2.1800e-003**	**122.8253**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0219	0.0190	1.6497	9.0000e-005		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003	0.0000	2.9797	2.9797	2.8500e-003	0.0000	3.0510
Energy	8.2000e-003	0.0704	0.0323	4.5000e-004		5.6700e-003	5.6700e-003		5.6700e-003	5.6700e-003		89.4555	89.4555	1.7100e-003	1.6400e-003	89.9871
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.0301**	**0.0894**	**1.6819**	**5.4000e-004**	**0.0000**	**0.0148**	**0.0148**	**0.0000**	**0.0148**	**0.0148**	**0.0000**	**92.4352**	**92.4352**	**4.5600e-003**	**1.6400e-003**	**93.0381**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.26**	**20.69**	**0.65**	**21.74**	**0.00**	**11.20**	**11.20**	**0.00**	**11.20**	**11.20**	**0.00**	**24.26**	**24.26**	**11.11**	**24.77**	**24.25**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/11/2028	2/11/2028	5	24	
2	Grading	Grading	2/12/2028	3/16/2028	5	24	
3	Building Construction	Building Construction	3/17/2028	7/23/2030	5	613	
4	Paving	Paving	7/24/2030	10/10/2030	5	57	
5	Architectural Coating	Architectural Coating	10/11/2030	12/30/2030	5	57	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 60

Acres of Paving: 23.52

Residential Indoor: 20,250; Residential Outdoor: 6,750; Non-Residential Indoor: 9,113; Non-Residential Outdoor: 3,038; Striped Parking Area: 61,472 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Grading	Excavators	2	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	27.00	24.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.5285	5.3404	8.9187	0.0125		0.2164	0.2164		0.1991	0.1991		1,208.2234	1,208.2234	0.3908		1,217.9925
Total	**0.5285**	**5.3404**	**8.9187**	**0.0125**	**0.0000**	**0.2164**	**0.2164**	**0.0000**	**0.1991**	**0.1991**		**1,208.2234**	**1,208.2234**	**0.3908**		**1,217.9925**

3.2 Site Preparation - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.3600e-003	0.1349	0.0335	3.8000e-004	9.3000e-003	1.5000e-004	9.4500e-003	2.6800e-003	1.5000e-004	2.8200e-003		40.7533	40.7533	2.1600e-003		40.8073
Worker	0.0475	0.0287	0.3340	1.2400e-003	0.1780	8.5000e-004	0.1788	0.0472	7.8000e-004	0.0480		123.8104	123.8104	2.3400e-003		123.8689
Total	**0.0509**	**0.1636**	**0.3675**	**1.6200e-003**	**0.1873**	**1.0000e-003**	**0.1883**	**0.0499**	**9.3000e-004**	**0.0508**		**164.5638**	**164.5638**	**4.5000e-003**		**164.6762**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.5285	5.3404	8.9187	0.0125		0.2164	0.2164		0.1991	0.1991	0.0000	1,208.2234	1,208.2234	0.3908		1,217.9925
Total	**0.5285**	**5.3404**	**8.9187**	**0.0125**	**0.0000**	**0.2164**	**0.2164**	**0.0000**	**0.1991**	**0.1991**	**0.0000**	**1,208.2234**	**1,208.2234**	**0.3908**		**1,217.9925**

3.2 Site Preparation - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.3600e-003	0.1349	0.0335	3.8000e-004	9.3000e-003	1.5000e-004	9.4500e-003	2.6800e-003	1.5000e-004	2.8200e-003		40.7533	40.7533	2.1600e-003		40.8073
Worker	0.0475	0.0287	0.3340	1.2400e-003	0.1780	8.5000e-004	0.1788	0.0472	7.8000e-004	0.0480		123.8104	123.8104	2.3400e-003		123.8689
Total	**0.0509**	**0.1636**	**0.3675**	**1.6200e-003**	**0.1873**	**1.0000e-003**	**0.1883**	**0.0499**	**9.3000e-004**	**0.0508**		**164.5638**	**164.5638**	**4.5000e-003**		**164.6762**

3.3 Grading - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.6513	0.0000	2.6513	0.2863	0.0000	0.2863			0.0000			0.0000
Off-Road	0.9096	8.5702	12.5722	0.0232		0.3392	0.3392		0.3121	0.3121		2,245.0271	2,245.0271	0.7261		2,263.1793
Total	**0.9096**	**8.5702**	**12.5722**	**0.0232**	**2.6513**	**0.3392**	**2.9905**	**0.2863**	**0.3121**	**0.5984**		**2,245.0271**	**2,245.0271**	**0.7261**		**2,263.1793**

3.3 Grading - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.3600e-003	0.1349	0.0335	3.8000e-004	9.3000e-003	1.5000e-004	9.4500e-003	2.6800e-003	1.5000e-004	2.8200e-003		40.7533	40.7533	2.1600e-003		40.8073
Worker	0.0528	0.0319	0.3711	1.3800e-003	0.1977	9.4000e-004	0.1987	0.0524	8.7000e-004	0.0533		137.5672	137.5672	2.6000e-003		137.6321
Total	**0.0562**	**0.1668**	**0.4046**	**1.7600e-003**	**0.2070**	**1.0900e-003**	**0.2081**	**0.0551**	**1.0200e-003**	**0.0561**		**178.3205**	**178.3205**	**4.7600e-003**		**178.4394**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.1931	0.0000	1.1931	0.1288	0.0000	0.1288			0.0000			0.0000
Off-Road	0.9096	8.5702	12.5722	0.0232		0.3392	0.3392		0.3121	0.3121	0.0000	2,245.0271	2,245.0271	0.7261		2,263.1793
Total	**0.9096**	**8.5702**	**12.5722**	**0.0232**	**1.1931**	**0.3392**	**1.5323**	**0.1288**	**0.3121**	**0.4409**	**0.0000**	**2,245.0271**	**2,245.0271**	**0.7261**		**2,263.1793**

3.3 Grading - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.3600e-003	0.1349	0.0335	3.8000e-004	9.3000e-003	1.5000e-004	9.4500e-003	2.6800e-003	1.5000e-004	2.8200e-003		40.7533	40.7533	2.1600e-003		40.8073
Worker	0.0528	0.0319	0.3711	1.3800e-003	0.1977	9.4000e-004	0.1987	0.0524	8.7000e-004	0.0533		137.5672	137.5672	2.6000e-003		137.6321
Total	**0.0562**	**0.1668**	**0.4046**	**1.7600e-003**	**0.2070**	**1.0900e-003**	**0.2081**	**0.0551**	**1.0200e-003**	**0.0561**		**178.3205**	**178.3205**	**4.7600e-003**		**178.4394**

3.4 Building Construction - 2028

Unmitigated Construction On-Site

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

3.4 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0403	1.6183	0.4022	4.5600e-003	0.1116	1.8200e-003	0.1134	0.0321	1.7400e-003	0.0339		489.0399	489.0399	0.0259		489.6873
Worker	0.0713	0.0431	0.5010	1.8600e-003	0.2669	1.2700e-003	0.2682	0.0708	1.1700e-003	0.0720		185.7157	185.7157	3.5100e-003		185.8034
Total	**0.1116**	**1.6614**	**0.9032**	**6.4200e-003**	**0.3785**	**3.0900e-003**	**0.3816**	**0.1029**	**2.9100e-003**	**0.1058**		**674.7556**	**674.7556**	**0.0294**		**675.4907**

Mitigated Construction On-Site

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

3.4 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0403	1.6183	0.4022	4.5600e-003	0.1116	1.8200e-003	0.1134	0.0321	1.7400e-003	0.0339		489.0399	489.0399	0.0259		489.6873
Worker	0.0713	0.0431	0.5010	1.8600e-003	0.2669	1.2700e-003	0.2682	0.0708	1.1700e-003	0.0720		185.7157	185.7157	3.5100e-003		185.8034
Total	**0.1116**	**1.6614**	**0.9032**	**6.4200e-003**	**0.3785**	**3.0900e-003**	**0.3816**	**0.1029**	**2.9100e-003**	**0.1058**		**674.7556**	**674.7556**	**0.0294**		**675.4907**

3.4 Building Construction - 2029

Unmitigated Construction On-Site

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

3.4 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0391	1.5933	0.3907	4.5400e-003	0.1116	1.7100e-003	0.1133	0.0321	1.6400e-003	0.0338		487.1670	487.1670	0.0259		487.8150
Worker	0.0665	0.0392	0.4668	1.8100e-003	0.2669	1.1800e-003	0.2681	0.0708	1.0800e-003	0.0719		180.3481	180.3481	3.1800e-003		180.4276
Total	**0.1056**	**1.6325**	**0.8575**	**6.3500e-003**	**0.3785**	**2.8900e-003**	**0.3814**	**0.1029**	**2.7200e-003**	**0.1057**		**667.5151**	**667.5151**	**0.0291**		**668.2425**

Mitigated Construction On-Site

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

3.4 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0391	1.5933	0.3907	4.5400e-003	0.1116	1.7100e-003	0.1133	0.0321	1.6400e-003	0.0338		487.1670	487.1670	0.0259		487.8150
Worker	0.0665	0.0392	0.4668	1.8100e-003	0.2669	1.1800e-003	0.2681	0.0708	1.0800e-003	0.0719		180.3481	180.3481	3.1800e-003		180.4276
Total	**0.1056**	**1.6325**	**0.8575**	**6.3500e-003**	**0.3785**	**2.8900e-003**	**0.3814**	**0.1029**	**2.7200e-003**	**0.1057**		**667.5151**	**667.5151**	**0.0291**		**668.2425**

3.4 Building Construction - 2030

Unmitigated Construction On-Site

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

3.4 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0381	1.5725	0.3819	4.5200e-003	0.1116	1.6300e-003	0.1132	0.0322	1.5500e-003	0.0337		485.6902	485.6902	0.0259		486.3387
Worker	0.0618	0.0357	0.4362	1.7600e-003	0.2669	1.0900e-003	0.2680	0.0708	1.0000e-003	0.0718		175.6227	175.6227	2.8800e-003		175.6948
Total	**0.0999**	**1.6082**	**0.8181**	**6.2800e-003**	**0.3785**	**2.7200e-003**	**0.3812**	**0.1029**	**2.5500e-003**	**0.1055**		**661.3129**	**661.3129**	**0.0288**		**662.0335**

Mitigated Construction On-Site

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

3.4 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0381	1.5725	0.3819	4.5200e-003	0.1116	1.6300e-003	0.1132	0.0322	1.5500e-003	0.0337		485.6902	485.6902	0.0259		486.3387
Worker	0.0618	0.0357	0.4362	1.7600e-003	0.2669	1.0900e-003	0.2680	0.0708	1.0000e-003	0.0718		175.6227	175.6227	2.8800e-003		175.6948
Total	**0.0999**	**1.6082**	**0.8181**	**6.2800e-003**	**0.3785**	**2.7200e-003**	**0.3812**	**0.1029**	**2.5500e-003**	**0.1055**		**661.3129**	**661.3129**	**0.0288**		**662.0335**

3.5 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	1.0811					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.4656**	**7.1202**	**15.8495**	**0.0281**		**0.3306**	**0.3306**		**0.3306**	**0.3306**		**2,656.5168**	**2,656.5168**	**0.1245**		**2,659.6302**

3.5 Paving - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0344	0.0198	0.2423	9.8000e-004	0.1483	6.1000e-004	0.1489	0.0393	5.6000e-004	0.0399		97.5682	97.5682	1.6000e-003		97.6082
Total	**0.0344**	**0.0198**	**0.2423**	**9.8000e-004**	**0.1483**	**6.1000e-004**	**0.1489**	**0.0393**	**5.6000e-004**	**0.0399**		**97.5682**	**97.5682**	**1.6000e-003**		**97.6082**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	1.0811					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.4656**	**7.1202**	**15.8495**	**0.0281**		**0.3306**	**0.3306**		**0.3306**	**0.3306**	**0.0000**	**2,656.5168**	**2,656.5168**	**0.1245**		**2,659.6302**

3.5 Paving - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0344	0.0198	0.2423	9.8000e-004	0.1483	6.1000e-004	0.1489	0.0393	5.6000e-004	0.0399		97.5682	97.5682	1.6000e-003		97.6082
Total	**0.0344**	**0.0198**	**0.2423**	**9.8000e-004**	**0.1483**	**6.1000e-004**	**0.1489**	**0.0393**	**5.6000e-004**	**0.0399**		**97.5682**	**97.5682**	**1.6000e-003**		**97.6082**

3.6 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.4570					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	**15.5877**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.7328**

3.6 Architectural Coating - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0115	6.6100e-003	0.0808	3.3000e-004	0.0494	2.0000e-004	0.0496	0.0131	1.9000e-004	0.0133		32.5227	32.5227	5.3000e-004		32.5361
Total	**0.0115**	**6.6100e-003**	**0.0808**	**3.3000e-004**	**0.0494**	**2.0000e-004**	**0.0496**	**0.0131**	**1.9000e-004**	**0.0133**		**32.5227**	**32.5227**	**5.3000e-004**		**32.5361**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.4570					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	**15.5877**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**	**0.0000**	**281.4481**	**281.4481**	**0.0114**		**281.7328**

3.6 Architectural Coating - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0115	6.6100e-003	0.0808	3.3000e-004	0.0494	2.0000e-004	0.0496	0.0131	1.9000e-004	0.0133		32.5227	32.5227	5.3000e-004		32.5361
Total	**0.0115**	**6.6100e-003**	**0.0808**	**3.3000e-004**	**0.0494**	**2.0000e-004**	**0.0496**	**0.0131**	**1.9000e-004**	**0.0133**		**32.5227**	**32.5227**	**5.3000e-004**		**32.5361**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Convenience Market (24 Hour)	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Mobile Home Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	13.00	5.00	5.00	33.00	48.00	19.00	66	28	6
Convenience Market (24 Hour)	13.00	5.00	5.00	0.90	80.10	19.00	24	15	61
General Office Building	13.00	5.00	5.00	33.00	48.00	19.00	77	19	4
Mobile Home Park	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.612396	0.024877	0.199479	0.103649	0.013836	0.004324	0.012559	0.019976	0.002246	0.001043	0.004198	0.000702	0.000716
Convenience Market (24 Hour)	0.612396	0.024877	0.199479	0.103649	0.013836	0.004324	0.012559	0.019976	0.002246	0.001043	0.004198	0.000702	0.000716
General Office Building	0.612396	0.024877	0.199479	0.103649	0.013836	0.004324	0.012559	0.019976	0.002246	0.001043	0.004198	0.000702	0.000716
Mobile Home Park	0.612396	0.024877	0.199479	0.103649	0.013836	0.004324	0.012559	0.019976	0.002246	0.001043	0.004198	0.000702	0.000716
Other Asphalt Surfaces	0.612396	0.024877	0.199479	0.103649	0.013836	0.004324	0.012559	0.019976	0.002246	0.001043	0.004198	0.000702	0.000716
User Defined Recreational	0.612396	0.024877	0.199479	0.103649	0.013836	0.004324	0.012559	0.019976	0.002246	0.001043	0.004198	0.000702	0.000716

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Future) Improvement Project - San Luis Obispo County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	8.2000e-003	0.0704	0.0323	4.5000e-004		5.6700e-003	5.6700e-003		5.6700e-003	5.6700e-003		89.4555	89.4555	1.7100e-003	1.6400e-003	89.9871
NaturalGas Unmitigated	0.0109	0.0937	0.0432	6.0000e-004		7.5400e-003	7.5400e-003		7.5400e-003	7.5400e-003		119.0667	119.0667	2.2800e-003	2.1800e-003	119.7743

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Convenience Market (24 Hour)	24.8363	2.7000e-004	2.4300e-003	2.0500e-003	1.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		2.9219	2.9219	6.0000e-005	5.0000e-005	2.9393
General Office Building	56.0616	6.0000e-004	5.5000e-003	4.6200e-003	3.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004		6.5955	6.5955	1.3000e-004	1.2000e-004	6.6347
Mobile Home Park	931.169	0.0100	0.0858	0.0365	5.5000e-004		6.9400e-003	6.9400e-003		6.9400e-003	6.9400e-003		109.5493	109.5493	2.1000e-003	2.0100e-003	110.2003
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0109**	**0.0937**	**0.0432**	**5.9000e-004**		**7.5500e-003**	**7.5500e-003**		**7.5500e-003**	**7.5500e-003**		**119.0667**	**119.0667**	**2.2900e-003**	**2.1800e-003**	**119.7743**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Convenience Market (24 Hour)	0.0173854	1.9000e-004	1.7000e-003	1.4300e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		2.0453	2.0453	4.0000e-005	4.0000e-005	2.0575
General Office Building	0.0393048	4.2000e-004	3.8500e-003	3.2400e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		4.6241	4.6241	9.0000e-005	8.0000e-005	4.6516
Mobile Home Park	0.703682	7.5900e-003	0.0649	0.0276	4.1000e-004		5.2400e-003	5.2400e-003		5.2400e-003	5.2400e-003		82.7861	82.7861	1.5900e-003	1.5200e-003	83.2780
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**8.2000e-003**	**0.0704**	**0.0323**	**4.4000e-004**		**5.6600e-003**	**5.6600e-003**		**5.6600e-003**	**5.6600e-003**		**89.4555**	**89.4555**	**1.7200e-003**	**1.6400e-003**	**89.9871**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0219	0.0190	1.6497	9.0000e-005		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003	0.0000	2.9797	2.9797	2.8500e-003	0.0000	3.0510
Unmitigated	1.0219	0.0190	1.6497	9.0000e-005		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003	0.0000	2.9797	2.9797	2.8500e-003	0.0000	3.0510

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2414					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7310					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0496	0.0190	1.6497	9.0000e-005		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003		2.9797	2.9797	2.8500e-003		3.0510
Total	**1.0219**	**0.0190**	**1.6497**	**9.0000e-005**		**9.1600e-003**	**9.1600e-003**		**9.1600e-003**	**9.1600e-003**	**0.0000**	**2.9797**	**2.9797**	**2.8500e-003**	**0.0000**	**3.0510**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2414					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7310					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0496	0.0190	1.6497	9.0000e-005		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003		2.9797	2.9797	2.8500e-003		3.0510
Total	**1.0219**	**0.0190**	**1.6497**	**9.0000e-005**		**9.1600e-003**	**9.1600e-003**		**9.1600e-003**	**9.1600e-003**	**0.0000**	**2.9797**	**2.9797**	**2.8500e-003**	**0.0000**	**3.0510**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Future) Improvement Project

San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1.25	1000sqft	0.03	1,250.00	0
Other Asphalt Surfaces	23.52	Acre	23.52	1,024,531.20	0
City Park	10.72	Acre	10.72	466,963.20	0
User Defined Recreational	0.02	User Defined Unit	0.02	1,000.00	0
Mobile Home Park	20.00	Dwelling Unit	0.23	10,000.00	57
Convenience Market (24 Hour)	3.83	1000sqft	0.09	3,825.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2031
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	294	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Future) Improvement Project - San Luis Obispo County, Winter

Project Characteristics - CO2 Utility Intensity Factor based on PG&E 2018 Corporate Responsibility and Sustainability Report.

Land Use - Estimated additional hardscape and trail/camping areas under Oso Flaco Future - vegetation buffers and related actions captured under Oso Flaco (Initial) for entire site.

Construction Phase - No demolition and minimal grading. Adjusted other phase durations proportionally to defaults to account for appx 3-year construction duration.

Off-road Equipment - Site is relatively flat and was prior cropland - reduced default equipment as site prep limited to light equipment, hand crews, and a few trucks.

Off-road Equipment - Site is relatively flat and was prior cropland - reduced default equipment as there would be limited grading and limited to light equipment, hand crews, and a few trucks.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading -

Trips and VMT - Added vendor trips to Site Prep and Grading to account for water trucks. Reduced Building Const and Arch Coating worker trips to align with the amount of equipment. Reduced building vendor trips.

Vehicle Trips - No net change in staff or visitor trips.

Energy Use -

Construction Off-road Equipment Mitigation - Water at least twice daily.

Energy Mitigation - Exceed default 2016 Title 24 to represent most recent Title 24 effective Jan 1, 2020.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	55.00	57.00
tblConstructionPhase	NumDays	740.00	613.00
tblConstructionPhase	NumDays	75.00	24.00
tblConstructionPhase	NumDays	55.00	57.00
tblConstructionPhase	NumDays	30.00	24.00
tblConstructionPhase	PhaseEndDate	11/7/2031	12/30/2030
tblConstructionPhase	PhaseEndDate	6/6/2031	7/23/2030

tblConstructionPhase	PhaseEndDate	8/4/2028	3/16/2028
tblConstructionPhase	PhaseEndDate	8/22/2031	10/10/2030
tblConstructionPhase	PhaseEndDate	4/21/2028	2/11/2028
tblConstructionPhase	PhaseStartDate	8/23/2031	10/11/2030
tblConstructionPhase	PhaseStartDate	8/5/2028	3/17/2028
tblConstructionPhase	PhaseStartDate	4/22/2028	2/12/2028
tblConstructionPhase	PhaseStartDate	6/7/2031	7/24/2030
tblConstructionPhase	PhaseStartDate	3/11/2028	1/11/2028
tblGrading	AcresOfGrading	12.00	60.00
tblLandUse	LandUseSquareFeet	24,000.00	10,000.00
tblLandUse	LandUseSquareFeet	0.00	1,000.00
tblLandUse	LotAcreage	2.52	0.23
tblLandUse	LotAcreage	0.00	0.02
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	294
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	248.00	24.00
tblTripsAndVMT	WorkerTripNumber	643.00	27.00
tblTripsAndVMT	WorkerTripNumber	129.00	5.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	863.10	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	5.00	0.00
tblVehicleTrips	SU_TR	16.74	0.00

tblVehicleTrips	SU_TR	758.45	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	4.36	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	737.99	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	4.99	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2028	1.4935	14.1223	17.0168	0.0331	2.8583	0.5307	3.1986	0.3414	0.4992	0.6545	0.0000	3,206.9517	3,206.9517	0.7309	0.0000	3,222.7486
2029	1.4867	14.0929	16.9704	0.0331	0.3785	0.5305	0.9090	0.1029	0.4990	0.6020	0.0000	3,200.0221	3,200.0221	0.6316	0.0000	3,215.8114
2030	15.6011	9.5331	17.0029	0.0370	0.3785	0.3312	0.5294	0.1029	0.3312	0.3705	0.0000	3,535.1417	3,535.1417	0.1466	0.0000	3,538.8067
Maximum	**15.6011**	**14.1223**	**17.0168**	**0.0370**	**2.8583**	**0.5307**	**3.1986**	**0.3414**	**0.4992**	**0.6545**	**0.0000**	**3,535.1417**	**3,535.1417**	**0.7309**	**0.0000**	**3,538.8067**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2028	1.4935	14.1223	17.0168	0.0331	1.4001	0.5307	1.7404	0.1839	0.4992	0.6022	0.0000	3,206.9517	3,206.9517	0.7309	0.0000	3,222.7486
2029	1.4867	14.0929	16.9704	0.0331	0.3785	0.5305	0.9090	0.1029	0.4990	0.6020	0.0000	3,200.0221	3,200.0221	0.6316	0.0000	3,215.8114
2030	15.6011	9.5331	17.0029	0.0370	0.3785	0.3312	0.5294	0.1029	0.3312	0.3705	0.0000	3,535.1417	3,535.1417	0.1466	0.0000	3,538.8067
Maximum	**15.6011**	**14.1223**	**17.0168**	**0.0370**	**1.4001**	**0.5307**	**1.7404**	**0.1839**	**0.4992**	**0.6022**	**0.0000**	**3,535.1417**	**3,535.1417**	**0.7309**	**0.0000**	**3,538.8067**

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Future) Improvement Project - San Luis Obispo County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**40.33**	**0.00**	**31.45**	**28.77**	**0.00**	**3.22**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0219	0.0190	1.6497	9.0000e-005		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003	0.0000	2.9797	2.9797	2.8500e-003	0.0000	3.0510
Energy	0.0109	0.0937	0.0432	6.0000e-004		7.5400e-003	7.5400e-003		7.5400e-003	7.5400e-003		119.0667	119.0667	2.2800e-003	2.1800e-003	119.7743
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.0328**	**0.1128**	**1.6928**	**6.9000e-004**	**0.0000**	**0.0167**	**0.0167**	**0.0000**	**0.0167**	**0.0167**	**0.0000**	**122.0464**	**122.0464**	**5.1300e-003**	**2.1800e-003**	**122.8253**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0219	0.0190	1.6497	9.0000e-005		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003	0.0000	2.9797	2.9797	2.8500e-003	0.0000	3.0510
Energy	8.2000e-003	0.0704	0.0323	4.5000e-004		5.6700e-003	5.6700e-003		5.6700e-003	5.6700e-003		89.4555	89.4555	1.7100e-003	1.6400e-003	89.9871
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.0301**	**0.0894**	**1.6819**	**5.4000e-004**	**0.0000**	**0.0148**	**0.0148**	**0.0000**	**0.0148**	**0.0148**	**0.0000**	**92.4352**	**92.4352**	**4.5600e-003**	**1.6400e-003**	**93.0381**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.26**	**20.69**	**0.65**	**21.74**	**0.00**	**11.20**	**11.20**	**0.00**	**11.20**	**11.20**	**0.00**	**24.26**	**24.26**	**11.11**	**24.77**	**24.25**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/11/2028	2/11/2028	5	24	
2	Grading	Grading	2/12/2028	3/16/2028	5	24	
3	Building Construction	Building Construction	3/17/2028	7/23/2030	5	613	
4	Paving	Paving	7/24/2030	10/10/2030	5	57	
5	Architectural Coating	Architectural Coating	10/11/2030	12/30/2030	5	57	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 60

Acres of Paving: 23.52

Residential Indoor: 20,250; Residential Outdoor: 6,750; Non-Residential Indoor: 9,113; Non-Residential Outdoor: 3,038; Striped Parking Area: 61,472 (Architectural Coating – sqft)

OffRoad Equipment

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Future) Improvement Project - San Luis Obispo County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Grading	Excavators	2	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	2.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	27.00	24.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.5285	5.3404	8.9187	0.0125		0.2164	0.2164		0.1991	0.1991		1,208.2234	1,208.2234	0.3908		1,217.9925
Total	**0.5285**	**5.3404**	**8.9187**	**0.0125**	**0.0000**	**0.2164**	**0.2164**	**0.0000**	**0.1991**	**0.1991**		**1,208.2234**	**1,208.2234**	**0.3908**		**1,217.9925**

3.2 Site Preparation - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.5800e-003	0.1337	0.0377	3.7000e-004	9.3000e-003	1.6000e-004	9.4500e-003	2.6800e-003	1.5000e-004	2.8300e-003		39.4548	39.4548	2.3000e-003		39.5123
Worker	0.0554	0.0325	0.3197	1.1800e-003	0.1780	8.5000e-004	0.1788	0.0472	7.8000e-004	0.0480		118.0130	118.0130	2.2300e-003		118.0687
Total	**0.0590**	**0.1662**	**0.3574**	**1.5500e-003**	**0.1873**	**1.0100e-003**	**0.1883**	**0.0499**	**9.3000e-004**	**0.0508**		**157.4678**	**157.4678**	**4.5300e-003**		**157.5810**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.5285	5.3404	8.9187	0.0125		0.2164	0.2164		0.1991	0.1991	0.0000	1,208.2234	1,208.2234	0.3908		1,217.9925
Total	**0.5285**	**5.3404**	**8.9187**	**0.0125**	**0.0000**	**0.2164**	**0.2164**	**0.0000**	**0.1991**	**0.1991**	**0.0000**	**1,208.2234**	**1,208.2234**	**0.3908**		**1,217.9925**

3.2 Site Preparation - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.5800e-003	0.1337	0.0377	3.7000e-004	9.3000e-003	1.6000e-004	9.4500e-003	2.6800e-003	1.5000e-004	2.8300e-003		39.4548	39.4548	2.3000e-003		39.5123
Worker	0.0554	0.0325	0.3197	1.1800e-003	0.1780	8.5000e-004	0.1788	0.0472	7.8000e-004	0.0480		118.0130	118.0130	2.2300e-003		118.0687
Total	**0.0590**	**0.1662**	**0.3574**	**1.5500e-003**	**0.1873**	**1.0100e-003**	**0.1883**	**0.0499**	**9.3000e-004**	**0.0508**		**157.4678**	**157.4678**	**4.5300e-003**		**157.5810**

3.3 Grading - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.6513	0.0000	2.6513	0.2863	0.0000	0.2863			0.0000			0.0000
Off-Road	0.9096	8.5702	12.5722	0.0232		0.3392	0.3392		0.3121	0.3121		2,245.0271	2,245.0271	0.7261		2,263.1793
Total	**0.9096**	**8.5702**	**12.5722**	**0.0232**	**2.6513**	**0.3392**	**2.9905**	**0.2863**	**0.3121**	**0.5984**		**2,245.0271**	**2,245.0271**	**0.7261**		**2,263.1793**

3.3 Grading - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.5800e-003	0.1337	0.0377	3.7000e-004	9.3000e-003	1.6000e-004	9.4500e-003	2.6800e-003	1.5000e-004	2.8300e-003		39.4548	39.4548	2.3000e-003		39.5123
Worker	0.0616	0.0361	0.3552	1.3100e-003	0.1977	9.4000e-004	0.1987	0.0524	8.7000e-004	0.0533		131.1256	131.1256	2.4700e-003		131.1874
Total	**0.0651**	**0.1698**	**0.3929**	**1.6800e-003**	**0.2070**	**1.1000e-003**	**0.2081**	**0.0551**	**1.0200e-003**	**0.0561**		**170.5804**	**170.5804**	**4.7700e-003**		**170.6997**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.1931	0.0000	1.1931	0.1288	0.0000	0.1288			0.0000			0.0000
Off-Road	0.9096	8.5702	12.5722	0.0232		0.3392	0.3392		0.3121	0.3121	0.0000	2,245.0271	2,245.0271	0.7261		2,263.1793
Total	**0.9096**	**8.5702**	**12.5722**	**0.0232**	**1.1931**	**0.3392**	**1.5323**	**0.1288**	**0.3121**	**0.4409**	**0.0000**	**2,245.0271**	**2,245.0271**	**0.7261**		**2,263.1793**

3.3 Grading - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.5800e-003	0.1337	0.0377	3.7000e-004	9.3000e-003	1.6000e-004	9.4500e-003	2.6800e-003	1.5000e-004	2.8300e-003		39.4548	39.4548	2.3000e-003		39.5123
Worker	0.0616	0.0361	0.3552	1.3100e-003	0.1977	9.4000e-004	0.1987	0.0524	8.7000e-004	0.0533		131.1256	131.1256	2.4700e-003		131.1874
Total	**0.0651**	**0.1698**	**0.3929**	**1.6800e-003**	**0.2070**	**1.1000e-003**	**0.2081**	**0.0551**	**1.0200e-003**	**0.0561**		**170.5804**	**170.5804**	**4.7700e-003**		**170.6997**

3.4 Building Construction - 2028

Unmitigated Construction On-Site

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

3.4 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0430	1.6038	0.4527	4.4100e-003	0.1116	1.9000e-003	0.1135	0.0321	1.8100e-003	0.0340		473.4578	473.4578	0.0276		474.1475
Worker	0.0831	0.0488	0.4795	1.7700e-003	0.2669	1.2700e-003	0.2682	0.0708	1.1700e-003	0.0720		177.0195	177.0195	3.3400e-003		177.1030
Total	**0.1261**	**1.6526**	**0.9321**	**6.1800e-003**	**0.3785**	**3.1700e-003**	**0.3816**	**0.1029**	**2.9800e-003**	**0.1059**		**650.4773**	**650.4773**	**0.0309**		**651.2505**

Mitigated Construction On-Site

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

3.4 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0430	1.6038	0.4527	4.4100e-003	0.1116	1.9000e-003	0.1135	0.0321	1.8100e-003	0.0340		473.4578	473.4578	0.0276		474.1475
Worker	0.0831	0.0488	0.4795	1.7700e-003	0.2669	1.2700e-003	0.2682	0.0708	1.1700e-003	0.0720		177.0195	177.0195	3.3400e-003		177.1030
Total	**0.1261**	**1.6526**	**0.9321**	**6.1800e-003**	**0.3785**	**3.1700e-003**	**0.3816**	**0.1029**	**2.9800e-003**	**0.1059**		**650.4773**	**650.4773**	**0.0309**		**651.2505**

3.4 Building Construction - 2029

Unmitigated Construction On-Site

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

3.4 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0416	1.5788	0.4397	4.3900e-003	0.1116	1.7700e-003	0.1133	0.0321	1.6900e-003	0.0338		471.6533	471.6533	0.0276		472.3434
Worker	0.0777	0.0444	0.4460	1.7200e-003	0.2669	1.1800e-003	0.2681	0.0708	1.0800e-003	0.0719		171.8944	171.8944	3.0200e-003		171.9700
Total	**0.1193**	**1.6232**	**0.8857**	**6.1100e-003**	**0.3785**	**2.9500e-003**	**0.3814**	**0.1029**	**2.7700e-003**	**0.1057**		**643.5477**	**643.5477**	**0.0306**		**644.3134**

Mitigated Construction On-Site

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

3.4 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0416	1.5788	0.4397	4.3900e-003	0.1116	1.7700e-003	0.1133	0.0321	1.6900e-003	0.0338		471.6533	471.6533	0.0276		472.3434
Worker	0.0777	0.0444	0.4460	1.7200e-003	0.2669	1.1800e-003	0.2681	0.0708	1.0800e-003	0.0719		171.8944	171.8944	3.0200e-003		171.9700
Total	**0.1193**	**1.6232**	**0.8857**	**6.1100e-003**	**0.3785**	**2.9500e-003**	**0.3814**	**0.1029**	**2.7700e-003**	**0.1057**		**643.5477**	**643.5477**	**0.0306**		**644.3134**

3.4 Building Construction - 2030

Unmitigated Construction On-Site

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

3.4 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0405	1.5580	0.4299	4.3800e-003	0.1116	1.6800e-003	0.1133	0.0322	1.6100e-003	0.0338		470.2143	470.2143	0.0276		470.9048
Worker	0.0724	0.0405	0.4160	1.6800e-003	0.2669	1.0900e-003	0.2680	0.0708	1.0000e-003	0.0718		167.3806	167.3806	2.7400e-003		167.4491
Total	**0.1130**	**1.5985**	**0.8459**	**6.0600e-003**	**0.3785**	**2.7700e-003**	**0.3813**	**0.1029**	**2.6100e-003**	**0.1056**		**637.5949**	**637.5949**	**0.0304**		**638.3539**

Mitigated Construction On-Site

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

3.4 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0405	1.5580	0.4299	4.3800e-003	0.1116	1.6800e-003	0.1133	0.0322	1.6100e-003	0.0338		470.2143	470.2143	0.0276		470.9048
Worker	0.0724	0.0405	0.4160	1.6800e-003	0.2669	1.0900e-003	0.2680	0.0708	1.0000e-003	0.0718		167.3806	167.3806	2.7400e-003		167.4491
Total	**0.1130**	**1.5985**	**0.8459**	**6.0600e-003**	**0.3785**	**2.7700e-003**	**0.3813**	**0.1029**	**2.6100e-003**	**0.1056**		**637.5949**	**637.5949**	**0.0304**		**638.3539**

3.5 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	1.0811					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.4656**	**7.1202**	**15.8495**	**0.0281**		**0.3306**	**0.3306**		**0.3306**	**0.3306**		**2,656.5168**	**2,656.5168**	**0.1245**		**2,659.6302**

3.5 Paving - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0402	0.0225	0.2311	9.3000e-004	0.1483	6.1000e-004	0.1489	0.0393	5.6000e-004	0.0399		92.9892	92.9892	1.5200e-003		93.0273
Total	**0.0402**	**0.0225**	**0.2311**	**9.3000e-004**	**0.1483**	**6.1000e-004**	**0.1489**	**0.0393**	**5.6000e-004**	**0.0399**		**92.9892**	**92.9892**	**1.5200e-003**		**93.0273**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	1.0811					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.4656**	**7.1202**	**15.8495**	**0.0281**		**0.3306**	**0.3306**		**0.3306**	**0.3306**	**0.0000**	**2,656.5168**	**2,656.5168**	**0.1245**		**2,659.6302**

3.5 Paving - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0402	0.0225	0.2311	9.3000e-004	0.1483	6.1000e-004	0.1489	0.0393	5.6000e-004	0.0399		92.9892	92.9892	1.5200e-003		93.0273
Total	**0.0402**	**0.0225**	**0.2311**	**9.3000e-004**	**0.1483**	**6.1000e-004**	**0.1489**	**0.0393**	**5.6000e-004**	**0.0399**		**92.9892**	**92.9892**	**1.5200e-003**		**93.0273**

3.6 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.4570					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	**15.5877**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.7328**

3.6 Architectural Coating - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0134	7.4900e-003	0.0770	3.1000e-004	0.0494	2.0000e-004	0.0496	0.0131	1.9000e-004	0.0133		30.9964	30.9964	5.1000e-004		31.0091
Total	**0.0134**	**7.4900e-003**	**0.0770**	**3.1000e-004**	**0.0494**	**2.0000e-004**	**0.0496**	**0.0131**	**1.9000e-004**	**0.0133**		**30.9964**	**30.9964**	**5.1000e-004**		**31.0091**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.4570					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	**15.5877**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**	**0.0000**	**281.4481**	**281.4481**	**0.0114**		**281.7328**

3.6 Architectural Coating - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0134	7.4900e-003	0.0770	3.1000e-004	0.0494	2.0000e-004	0.0496	0.0131	1.9000e-004	0.0133		30.9964	30.9964	5.1000e-004		31.0091
Total	**0.0134**	**7.4900e-003**	**0.0770**	**3.1000e-004**	**0.0494**	**2.0000e-004**	**0.0496**	**0.0131**	**1.9000e-004**	**0.0133**		**30.9964**	**30.9964**	**5.1000e-004**		**31.0091**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Convenience Market (24 Hour)	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Mobile Home Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	13.00	5.00	5.00	33.00	48.00	19.00	66	28	6
Convenience Market (24 Hour)	13.00	5.00	5.00	0.90	80.10	19.00	24	15	61
General Office Building	13.00	5.00	5.00	33.00	48.00	19.00	77	19	4
Mobile Home Park	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.612396	0.024877	0.199479	0.103649	0.013836	0.004324	0.012559	0.019976	0.002246	0.001043	0.004198	0.000702	0.000716
Convenience Market (24 Hour)	0.612396	0.024877	0.199479	0.103649	0.013836	0.004324	0.012559	0.019976	0.002246	0.001043	0.004198	0.000702	0.000716
General Office Building	0.612396	0.024877	0.199479	0.103649	0.013836	0.004324	0.012559	0.019976	0.002246	0.001043	0.004198	0.000702	0.000716
Mobile Home Park	0.612396	0.024877	0.199479	0.103649	0.013836	0.004324	0.012559	0.019976	0.002246	0.001043	0.004198	0.000702	0.000716
Other Asphalt Surfaces	0.612396	0.024877	0.199479	0.103649	0.013836	0.004324	0.012559	0.019976	0.002246	0.001043	0.004198	0.000702	0.000716
User Defined Recreational	0.612396	0.024877	0.199479	0.103649	0.013836	0.004324	0.012559	0.019976	0.002246	0.001043	0.004198	0.000702	0.000716

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Pismo State Beach and Oceano Dunes PWP - Oso Flaco (Future) Improvement Project - San Luis Obispo County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	8.2000e-003	0.0704	0.0323	4.5000e-004		5.6700e-003	5.6700e-003		5.6700e-003	5.6700e-003		89.4555	89.4555	1.7100e-003	1.6400e-003	89.9871
NaturalGas Unmitigated	0.0109	0.0937	0.0432	6.0000e-004		7.5400e-003	7.5400e-003		7.5400e-003	7.5400e-003		119.0667	119.0667	2.2800e-003	2.1800e-003	119.7743

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Convenience Market (24 Hour)	24.8363	2.7000e-004	2.4300e-003	2.0500e-003	1.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		2.9219	2.9219	6.0000e-005	5.0000e-005	2.9393
General Office Building	56.0616	6.0000e-004	5.5000e-003	4.6200e-003	3.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004		6.5955	6.5955	1.3000e-004	1.2000e-004	6.6347
Mobile Home Park	931.169	0.0100	0.0858	0.0365	5.5000e-004		6.9400e-003	6.9400e-003		6.9400e-003	6.9400e-003		109.5493	109.5493	2.1000e-003	2.0100e-003	110.2003
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0109**	**0.0937**	**0.0432**	**5.9000e-004**		**7.5500e-003**	**7.5500e-003**		**7.5500e-003**	**7.5500e-003**		**119.0667**	**119.0667**	**2.2900e-003**	**2.1800e-003**	**119.7743**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Convenience Market (24 Hour)	0.0173854	1.9000e-004	1.7000e-003	1.4300e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		2.0453	2.0453	4.0000e-005	4.0000e-005	2.0575
General Office Building	0.0393048	4.2000e-004	3.8500e-003	3.2400e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		4.6241	4.6241	9.0000e-005	8.0000e-005	4.6516
Mobile Home Park	0.703682	7.5900e-003	0.0649	0.0276	4.1000e-004		5.2400e-003	5.2400e-003		5.2400e-003	5.2400e-003		82.7861	82.7861	1.5900e-003	1.5200e-003	83.2780
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**8.2000e-003**	**0.0704**	**0.0323**	**4.4000e-004**		**5.6600e-003**	**5.6600e-003**		**5.6600e-003**	**5.6600e-003**		**89.4555**	**89.4555**	**1.7200e-003**	**1.6400e-003**	**89.9871**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0219	0.0190	1.6497	9.0000e-005		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003	0.0000	2.9797	2.9797	2.8500e-003	0.0000	3.0510
Unmitigated	1.0219	0.0190	1.6497	9.0000e-005		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003	0.0000	2.9797	2.9797	2.8500e-003	0.0000	3.0510

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2414					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7310					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0496	0.0190	1.6497	9.0000e-005		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003		2.9797	2.9797	2.8500e-003		3.0510
Total	**1.0219**	**0.0190**	**1.6497**	**9.0000e-005**		**9.1600e-003**	**9.1600e-003**		**9.1600e-003**	**9.1600e-003**	**0.0000**	**2.9797**	**2.9797**	**2.8500e-003**	**0.0000**	**3.0510**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2414					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7310					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0496	0.0190	1.6497	9.0000e-005		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003		2.9797	2.9797	2.8500e-003		3.0510
Total	**1.0219**	**0.0190**	**1.6497**	**9.0000e-005**		**9.1600e-003**	**9.1600e-003**		**9.1600e-003**	**9.1600e-003**	**0.0000**	**2.9797**	**2.9797**	**2.8500e-003**	**0.0000**	**3.0510**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes SVRA PWP - Pismo Creek Estuary Seasonal Floating Bridge

San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	0.10	User Defined Unit	0.10	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only project: Installation and removal of bridge seasonally.

Land Use - Construction-only project: Installation and removal of bridge seasonally.

Construction Phase - Construction-only project: Installation and removal of bridge seasonally. No demolition, site prep, grading, paving, or architectural coating. Annual work would occur twice per year for 2 to 3 days each.

Off-road Equipment - Per project description, work would be done with hand tools and possible a small excavator.

Trips and VMT - Increased vehicle activity from default to account for on-site workers, truck trips to bring bridge pieces to site (categorized as Vendor, HHDT and MHDT mix), and 1 haul truck to bring any large piece and equipment.

Consumer Products - Construction-only project: Installation and removal of bridge seasonally.

Landscape Equipment - Construction-only project: Installation and removal of bridge seasonally.

Energy Use -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	100.00	6.00
tblConstructionPhase	PhaseEndDate	6/8/2021	1/27/2021
tblLandUse	LotAcreage	0.00	0.10
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	HaulingTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	9.8000e-004	0.0126	0.0124	3.0000e-005	5.2000e-004	3.3000e-004	8.5000e-004	1.4000e-004	3.1000e-004	4.5000e-004	0.0000	2.7783	2.7783	5.2000e-004	0.0000	2.7913
Maximum	**9.8000e-004**	**0.0126**	**0.0124**	**3.0000e-005**	**5.2000e-004**	**3.3000e-004**	**8.5000e-004**	**1.4000e-004**	**3.1000e-004**	**4.5000e-004**	**0.0000**	**2.7783**	**2.7783**	**5.2000e-004**	**0.0000**	**2.7913**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	9.8000e-004	0.0126	0.0124	3.0000e-005	5.2000e-004	3.3000e-004	8.5000e-004	1.4000e-004	3.1000e-004	4.5000e-004	0.0000	2.7783	2.7783	5.2000e-004	0.0000	2.7913
Maximum	**9.8000e-004**	**0.0126**	**0.0124**	**3.0000e-005**	**5.2000e-004**	**3.3000e-004**	**8.5000e-004**	**1.4000e-004**	**3.1000e-004**	**4.5000e-004**	**0.0000**	**2.7783**	**2.7783**	**5.2000e-004**	**0.0000**	**2.7913**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2021**	**3-31-2021**	0.0129	0.0129
		Highest	0.0129	0.0129

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Floating Bridge Installation	Building Construction	1/20/2021	1/27/2021	5	6	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Floating Bridge Installation	Excavators	1	8.00	158	0.38
Floating Bridge Installation	Cranes	0	4.00	231	0.29
Floating Bridge Installation	Forklifts	0	6.00	89	0.20
Floating Bridge Installation	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Floating Bridge Installation	1	8.00	20.00	2.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Floating Bridge Installation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.9000e-004	6.4900e-003	9.8600e-003	2.0000e-005		3.1000e-004	3.1000e-004		2.9000e-004	2.9000e-004	0.0000	1.3681	1.3681	4.4000e-004	0.0000	1.3792
Total	**6.9000e-004**	**6.4900e-003**	**9.8600e-003**	**2.0000e-005**		**3.1000e-004**	**3.1000e-004**		**2.9000e-004**	**2.9000e-004**	**0.0000**	**1.3681**	**1.3681**	**4.4000e-004**	**0.0000**	**1.3792**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	2.9000e-004	7.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.0761	0.0761	0.0000	0.0000	0.0762
Vendor	1.8000e-004	5.7100e-003	1.6700e-003	1.0000e-005	2.7000e-004	2.0000e-005	2.9000e-004	8.0000e-005	2.0000e-005	9.0000e-005	0.0000	1.1474	1.1474	7.0000e-005	0.0000	1.1491
Worker	1.0000e-004	9.0000e-005	7.5000e-004	0.0000	2.3000e-004	0.0000	2.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1867	0.1867	1.0000e-005	0.0000	0.1869
Total	**2.9000e-004**	**6.0900e-003**	**2.4900e-003**	**1.0000e-005**	**5.2000e-004**	**2.0000e-005**	**5.4000e-004**	**1.4000e-004**	**2.0000e-005**	**1.6000e-004**	**0.0000**	**1.4102**	**1.4102**	**8.0000e-005**	**0.0000**	**1.4121**

3.2 Floating Bridge Installation - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.9000e-004	6.4900e-003	9.8600e-003	2.0000e-005		3.1000e-004	3.1000e-004		2.9000e-004	2.9000e-004	0.0000	1.3681	1.3681	4.4000e-004	0.0000	1.3792
Total	**6.9000e-004**	**6.4900e-003**	**9.8600e-003**	**2.0000e-005**		**3.1000e-004**	**3.1000e-004**		**2.9000e-004**	**2.9000e-004**	**0.0000**	**1.3681**	**1.3681**	**4.4000e-004**	**0.0000**	**1.3792**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	2.9000e-004	7.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.0761	0.0761	0.0000	0.0000	0.0762
Vendor	1.8000e-004	5.7100e-003	1.6700e-003	1.0000e-005	2.7000e-004	2.0000e-005	2.9000e-004	8.0000e-005	2.0000e-005	9.0000e-005	0.0000	1.1474	1.1474	7.0000e-005	0.0000	1.1491
Worker	1.0000e-004	9.0000e-005	7.5000e-004	0.0000	2.3000e-004	0.0000	2.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1867	0.1867	1.0000e-005	0.0000	0.1869
Total	**2.9000e-004**	**6.0900e-003**	**2.4900e-003**	**1.0000e-005**	**5.2000e-004**	**2.0000e-005**	**5.4000e-004**	**1.4000e-004**	**2.0000e-005**	**1.6000e-004**	**0.0000**	**1.4102**	**1.4102**	**8.0000e-005**	**0.0000**	**1.4121**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.575581	0.029595	0.198288	0.120539	0.026172	0.006482	0.012911	0.019591	0.002354	0.001214	0.005068	0.000784	0.001422

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**					**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**					**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Recreational	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Recreational	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes SVRA PWP - Pismo Creek Estuary Seasonal Floating Bridge

San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	0.10	User Defined Unit	0.10	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only project: Installation and removal of bridge seasonally.

Land Use - Construction-only project: Installation and removal of bridge seasonally.

Construction Phase - Construction-only project: Installation and removal of bridge seasonally. No demolition, site prep, grading, paving, or architectural coating. Annual work would occur twice per year for 2 to 3 days each.

Off-road Equipment - Per project description, work would be done with hand tools and possible a small excavator.

Trips and VMT - Increased vehicle activity from default to account for on-site workers, truck trips to bring bridge pieces to site (categorized as Vendor, HHDT and MHDT mix), and 1 haul truck to bring any large piece and equipment.

Consumer Products - Construction-only project: Installation and removal of bridge seasonally.

Landscape Equipment - Construction-only project: Installation and removal of bridge seasonally.

Energy Use -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	100.00	6.00
tblConstructionPhase	PhaseEndDate	6/8/2021	1/27/2021
tblLandUse	LotAcreage	0.00	0.10
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	HaulingTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	0.3241	4.1764	4.0893	0.0102	0.1778	0.1112	0.2889	0.0493	0.1025	0.1518	0.0000	1,029.3227	1,029.3227	0.1904	0.0000	1,034.0825
Maximum	**0.3241**	**4.1764**	**4.0893**	**0.0102**	**0.1778**	**0.1112**	**0.2889**	**0.0493**	**0.1025**	**0.1518**	**0.0000**	**1,029.3227**	**1,029.3227**	**0.1904**	**0.0000**	**1,034.0825**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	0.3241	4.1764	4.0893	0.0102	0.1778	0.1112	0.2889	0.0493	0.1025	0.1518	0.0000	1,029.3227	1,029.3227	0.1904	0.0000	1,034.0825
Maximum	**0.3241**	**4.1764**	**4.0893**	**0.0102**	**0.1778**	**0.1112**	**0.2889**	**0.0493**	**0.1025**	**0.1518**	**0.0000**	**1,029.3227**	**1,029.3227**	**0.1904**	**0.0000**	**1,034.0825**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		2.0000e-005	2.0000e-005	0.0000		2.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0000**	**2.0000e-005**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		2.0000e-005	2.0000e-005	0.0000		2.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0000**	**2.0000e-005**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Floating Bridge Installation	Building Construction	1/20/2021	1/27/2021	5	6	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Floating Bridge Installation	Excavators	1	8.00	158	0.38
Floating Bridge Installation	Cranes	0	4.00	231	0.29
Floating Bridge Installation	Forklifts	0	6.00	89	0.20
Floating Bridge Installation	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Floating Bridge Installation	1	8.00	20.00	2.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Floating Bridge Installation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2303	2.1642	3.2882	5.1900e-003		0.1050	0.1050		0.0966	0.0966		502.6929	502.6929	0.1626		506.7575
Total	**0.2303**	**2.1642**	**3.2882**	**5.1900e-003**		**0.1050**	**0.1050**		**0.0966**	**0.0966**		**502.6929**	**502.6929**	**0.1626**		**506.7575**

3.2 Floating Bridge Installation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.6700e-003	0.0963	0.0216	2.6000e-004	5.8200e-003	4.1000e-004	6.2200e-003	1.5900e-003	3.9000e-004	1.9800e-003		28.1248	28.1248	1.6000e-003		28.1648
Vendor	0.0593	1.8904	0.5216	4.0100e-003	0.0929	5.3000e-003	0.0982	0.0267	5.0700e-003	0.0318		427.1128	427.1128	0.0241		427.7145
Worker	0.0319	0.0255	0.2579	7.2000e-004	0.0791	4.9000e-004	0.0796	0.0210	4.5000e-004	0.0214		71.3922	71.3922	2.1400e-003		71.4458
Total	**0.0938**	**2.0122**	**0.8011**	**4.9900e-003**	**0.1778**	**6.2000e-003**	**0.1840**	**0.0493**	**5.9100e-003**	**0.0552**		**526.6298**	**526.6298**	**0.0278**		**527.3250**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2303	2.1642	3.2882	5.1900e-003		0.1050	0.1050		0.0966	0.0966	0.0000	502.6929	502.6929	0.1626		506.7575
Total	**0.2303**	**2.1642**	**3.2882**	**5.1900e-003**		**0.1050**	**0.1050**		**0.0966**	**0.0966**	**0.0000**	**502.6929**	**502.6929**	**0.1626**		**506.7575**

3.2 Floating Bridge Installation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.6700e-003	0.0963	0.0216	2.6000e-004	5.8200e-003	4.1000e-004	6.2200e-003	1.5900e-003	3.9000e-004	1.9800e-003		28.1248	28.1248	1.6000e-003		28.1648
Vendor	0.0593	1.8904	0.5216	4.0100e-003	0.0929	5.3000e-003	0.0982	0.0267	5.0700e-003	0.0318		427.1128	427.1128	0.0241		427.7145
Worker	0.0319	0.0255	0.2579	7.2000e-004	0.0791	4.9000e-004	0.0796	0.0210	4.5000e-004	0.0214		71.3922	71.3922	2.1400e-003		71.4458
Total	**0.0938**	**2.0122**	**0.8011**	**4.9900e-003**	**0.1778**	**6.2000e-003**	**0.1840**	**0.0493**	**5.9100e-003**	**0.0552**		**526.6298**	**526.6298**	**0.0278**		**527.3250**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.575581	0.029595	0.198288	0.120539	0.026172	0.006482	0.012911	0.019591	0.002354	0.001214	0.005068	0.000784	0.001422

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		2.0000e-005	2.0000e-005	0.0000		2.0000e-005
Unmitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		2.0000e-005	2.0000e-005	0.0000		2.0000e-005

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		2.0000e-005	2.0000e-005	0.0000		2.0000e-005
Total	**0.0000**	**0.0000**	**1.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.0000e-005**	**2.0000e-005**	**0.0000**		**2.0000e-005**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		2.0000e-005	2.0000e-005	0.0000		2.0000e-005
Total	**0.0000**	**0.0000**	**1.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.0000e-005**	**2.0000e-005**	**0.0000**		**2.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pismo State Beach and Oceano Dunes SVRA PWP - Pismo Creek Estuary Seasonal Floating Bridge

San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Recreational	0.10	User Defined Unit	0.10	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.2	**Precipitation Freq (Days)**	44
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction-only project: Installation and removal of bridge seasonally.

Land Use - Construction-only project: Installation and removal of bridge seasonally.

Construction Phase - Construction-only project: Installation and removal of bridge seasonally. No demolition, site prep, grading, paving, or architectural coating. Annual work would occur twice per year for 2 to 3 days each.

Off-road Equipment - Per project description, work would be done with hand tools and possible a small excavator.

Trips and VMT - Increased vehicle activity from default to account for on-site workers, truck trips to bring bridge pieces to site (categorized as Vendor, HHDT and MHDT mix), and 1 haul truck to bring any large piece and equipment.

Consumer Products - Construction-only project: Installation and removal of bridge seasonally.

Landscape Equipment - Construction-only project: Installation and removal of bridge seasonally.

Energy Use -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	100.00	6.00
tblConstructionPhase	PhaseEndDate	6/8/2021	1/27/2021
tblLandUse	LotAcreage	0.00	0.10
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	HaulingTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	0.3326	4.1680	4.1519	0.0100	0.1778	0.1115	0.2892	0.0493	0.1028	0.1521	0.0000	1,012.4519	1,012.4519	0.1921	0.0000	1,017.2537
Maximum	**0.3326**	**4.1680**	**4.1519**	**0.0100**	**0.1778**	**0.1115**	**0.2892**	**0.0493**	**0.1028**	**0.1521**	**0.0000**	**1,012.4519**	**1,012.4519**	**0.1921**	**0.0000**	**1,017.2537**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	0.3326	4.1680	4.1519	0.0100	0.1778	0.1115	0.2892	0.0493	0.1028	0.1521	0.0000	1,012.4519	1,012.4519	0.1921	0.0000	1,017.2537
Maximum	**0.3326**	**4.1680**	**4.1519**	**0.0100**	**0.1778**	**0.1115**	**0.2892**	**0.0493**	**0.1028**	**0.1521**	**0.0000**	**1,012.4519**	**1,012.4519**	**0.1921**	**0.0000**	**1,017.2537**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		2.0000e-005	2.0000e-005	0.0000		2.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0000**	**2.0000e-005**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		2.0000e-005	2.0000e-005	0.0000		2.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0000**	**2.0000e-005**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Floating Bridge Installation	Building Construction	1/20/2021	1/27/2021	5	6	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Floating Bridge Installation	Excavators	1	8.00	158	0.38
Floating Bridge Installation	Cranes	0	4.00	231	0.29
Floating Bridge Installation	Forklifts	0	6.00	89	0.20
Floating Bridge Installation	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Floating Bridge Installation	1	8.00	20.00	2.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Floating Bridge Installation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2303	2.1642	3.2882	5.1900e-003		0.1050	0.1050		0.0966	0.0966		502.6929	502.6929	0.1626		506.7575
Total	**0.2303**	**2.1642**	**3.2882**	**5.1900e-003**		**0.1050**	**0.1050**		**0.0966**	**0.0966**		**502.6929**	**502.6929**	**0.1626**		**506.7575**

3.2 Floating Bridge Installation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.7400e-003	0.0968	0.0229	2.6000e-004	5.8200e-003	4.2000e-004	6.2300e-003	1.5900e-003	4.0000e-004	1.9900e-003		27.7027	27.7027	1.6500e-003		27.7440
Vendor	0.0631	1.8781	0.5906	3.8900e-003	0.0929	5.6200e-003	0.0985	0.0267	5.3700e-003	0.0321		414.0071	414.0071	0.0258		414.6514
Worker	0.0364	0.0290	0.2502	6.8000e-004	0.0791	4.9000e-004	0.0796	0.0210	4.5000e-004	0.0214		68.0491	68.0491	2.0700e-003		68.1008
Total	**0.1023**	**2.0039**	**0.8637**	**4.8300e-003**	**0.1778**	**6.5300e-003**	**0.1843**	**0.0493**	**6.2200e-003**	**0.0555**		**509.7590**	**509.7590**	**0.0295**		**510.4962**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2303	2.1642	3.2882	5.1900e-003		0.1050	0.1050		0.0966	0.0966	0.0000	502.6929	502.6929	0.1626		506.7575
Total	**0.2303**	**2.1642**	**3.2882**	**5.1900e-003**		**0.1050**	**0.1050**		**0.0966**	**0.0966**	**0.0000**	**502.6929**	**502.6929**	**0.1626**		**506.7575**

3.2 Floating Bridge Installation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.7400e-003	0.0968	0.0229	2.6000e-004	5.8200e-003	4.2000e-004	6.2300e-003	1.5900e-003	4.0000e-004	1.9900e-003		27.7027	27.7027	1.6500e-003		27.7440
Vendor	0.0631	1.8781	0.5906	3.8900e-003	0.0929	5.6200e-003	0.0985	0.0267	5.3700e-003	0.0321		414.0071	414.0071	0.0258		414.6514
Worker	0.0364	0.0290	0.2502	6.8000e-004	0.0791	4.9000e-004	0.0796	0.0210	4.5000e-004	0.0214		68.0491	68.0491	2.0700e-003		68.1008
Total	**0.1023**	**2.0039**	**0.8637**	**4.8300e-003**	**0.1778**	**6.5300e-003**	**0.1843**	**0.0493**	**6.2200e-003**	**0.0555**		**509.7590**	**509.7590**	**0.0295**		**510.4962**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Recreational	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Recreational	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Recreational	0.575581	0.029595	0.198288	0.120539	0.026172	0.006482	0.012911	0.019591	0.002354	0.001214	0.005068	0.000784	0.001422

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Recreational	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		2.0000e-005	2.0000e-005	0.0000		2.0000e-005
Unmitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		2.0000e-005	2.0000e-005	0.0000		2.0000e-005

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		2.0000e-005	2.0000e-005	0.0000		2.0000e-005
Total	**0.0000**	**0.0000**	**1.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.0000e-005**	**2.0000e-005**	**0.0000**		**2.0000e-005**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		2.0000e-005	2.0000e-005	0.0000		2.0000e-005
Total	**0.0000**	**0.0000**	**1.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.0000e-005**	**2.0000e-005**	**0.0000**		**2.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation