Appendix B

Revised Air Quality and GHG Emissions Modeling

One San Pedro Specific Plan
General Assumptions

Project Characteristics

Project Location	Los Angeles	CalEEMod Title:	
	SCAQMD	Date:	
Climate Zone	11		
Urbanization	Urban		
Operational Year (Buildout)	2038		
Construction Year	2024		
Utility Company	Southern California Edison		

Project Land Use	# Units	sqft	Ksf	acres	CalEEMod Use
Existing					
327 Harbor	Vacant			0.56	parking non-asphalt
Phase 1	156			7.31	Mid-Rise Apartments
Phase 2	144			5.92	Mid-Rise Apartments
Phase 3	178			7.14	Mid-Rise Apartments
	478			20.93	

To simplify the modeling, we are aiming to keep the number of land uses to a minimum. This also provides more flexibility to the project since the proposed uses are not tied to a specific land use. For example, we propose to model the commercial/retail under the "Strip Mall" land uses since this development can include retail, resturants, and offices. For the administraton/services/amenities, it would be more straightforward to model the squre footage as "General Office" since the proposed community uses would be more office spaces. The last row called Open Space Amenities would be for the proposed park and recreational areas. The unit can be square feet or acres.

One San Pedro Specific Plan
General Assumptions

Project Land Use	# Units/spaces	sqft	Ksf	acres	CalEEMod Use	
Scenario A						
Additional Site - 327 Harbor				0.56		
Residential	47	66,210				
Mid-Rise Apartments	47				Mid-Rise Apartment	
Townhomes					Townhouse	
Parking Garage	45				Enclosed Parking Garage w/elevator	
Planning Area 1				7.31		5.81
Residential	375					
Mid-Rise Apartments	343				Mid-Rise Apartment	
Townhomes	32				Townhouse	
Non-Residential		32,000				
Commercial/Retail		0	0		Strip Mall	
Neighborhood Serving		32,000	32		General Office	
Parking Garage	587	235,305			Enclosed Parking Garage w/elevator	
Open Space						
Amenities		40,974			Park	
Park				1.50	Park	
Planning Area2				5.92		4.22
Residential	600				0	
Mid-Rise Apartments	600					
Non-Residential		55,000				
Commercial/Retail		25,000	25		Strip Mall	
Neighborhood Serving		30,000	30		General Office	
Parking Garage	861	387,575			Enclosed Parking Garage w/elevator	
Open Space						
Amenities		62,051			Park	
Park				1.70	Park	
Planning Area 3				7.14		5.54
Residential	578				0	
Mid-Rise Apartments	533					
Townhomes	45					
Non-Residential		43,000				
Commercial/Retail		20,000	20		Strip Mall	
Neighborhood Serving		23,000	23		General Office	
Parking Garage	806	322,210			Enclosed Parking Garage w/elevator	
Open Space						
Amenities		66,436			Park	
Park				1.60	Park	

One San Pedro Specific Plan
General Assumptions

Project Land Use	# Units	sqft	Ksf	acres		
Scenario B						
Additional Site - 327 Harbor				0.56		
Residential	47					
Mid-Rise Apartments	47				Mid-Rise Apartment	
Townhomes					Townhouse	
Planning Area 1				7.31		
Residential	450					
Mid-Rise Apartments	418				Mid-Rise Apartment	
Townhomes	32				Townhouse	
Non-Residential		39,000				
Commercial/Retail		0	0		Strip Mall	
Neighborhood Serving		39,000	39		General Office	
Parking Garage	720	282,366			Enclosed Parking Garage w/elevator	
Open Space						
Amenities		49,169			Park	
Park				1.50	Park	
Planning Area2				5.92		4.22
Residential	673				0	
Mid-Rise Apartments	673					
Non-Residential		67,000				
Commercial/Retail		30,000	30		Strip Mall	
Neighborhood Serving		37,000	37		General Office	
Parking Garage	1,033	465,090			Enclosed Parking Garage w/elevator	
Open Space						
Amenities		74,461			Park	
Park				1.70	Park	
Planning Area 3				7.14		
Residential	430				0	
Mid-Rise Apartments	385					
Townhomes	45					
Non-Residential		24,000				
Commercial/Retail		15,000	15		Strip Mall	
Neighborhood Serving		9,000	9		General Office	
Parking Garage	514	386,652			Enclosed Parking Garage w/elevator	
Open Space						
Amenities		33,700			Park	
Park				1.60	Park	

One San Pedro Specific Plan
General Assumptions

Population

Residents 2.42 Persons/Unit (Pop Housing Section)

	Units	Population	Units	Population
		Existing		
PA1	156	378	NA	
PA2	144	348	NA	
PA3	178	431	NA	
Total		1,157		
		Proposed		
		Scenario A	*Scenario B*	
Harbor	47	114	47	114
PA-1 - Mid Rise	343	830	418	1,012
PA-1 - Townhouse	32	77	32	77
PA-2 - Mid Rise	600	1,452	673	1,629
PA-3 - Mid Rise	533	1,290	385	932
PA-3 - Townhouse	45	109	45	109
Total		3,872		3,872
Net New		2,715		2,715

Non-Residential	KSF	Total Employees	Employee/ksf
Supermarket	15	60	4
High Turnover Sit-down	12	48	4
Neighborhood Serving	103	206	2
Total		314	

Population and Housing

SCAG 2016

	2012	**2040**	**Growth**	**Project**	**% Growth**
Population	3,845,500	4,609,400	763,900	2,715	0.35544443
Employment	1,696,400	2,169,100	472,700	314	0.066426909

SCAG 2022

	2016	**2045**	**Growth**	**Project**	**% Growth**
Population	3,933,800	4,771,300	837,500	2,715	0.324207761
Employment	1,848,300	2,135,900	287,600	314	0.109179416

One San Pedro Specific Plan
General Assumptions

EV Charging Determination Parking

Spaces		Title 24 Mandatory	Tier II Voluntary	
45	Harbor	20.00%	40.00%	% EV Ready
2,092	OSP	427	855	Spaces
2,137	Total	25.00%	15.00%	% EV Charging Stations[1]
		107	321	Spaces

1 Note: Mandatory requires 20% to be EV ready and 25% of the EV ready to have charging stations active on day one. Tier II Voluntary measure requires 40% to be EV Ready and 15% of the total spaces to equipped with EV charging stations.

Units per acre

	Units	Acres	Units/acre
Scenario A - PA1	375	7.31	51
Scenario A - PA2	600	5.92	101
Scenario A - PA3	578	7.14	81
Harbor (Scenario A & B)	47	0.56	84
Scenario B - PA1	450	7.31	62
Scenario B - PA2	673	5.92	114
Scenario B - PA3	430	7.14	60

Affordable Housing

	Units	Affordable Units
Harbor	47	46
OSP	1,553	932
Total New Units		978
Existing	478	478
Increase in Affordable Housing		500

One San Pedro Specific Plan
Construction Assumptions

CalEEMod Defaults are assumed for modeling purposes unless specifically discussed in the Construction Assumptions below.

Project Schedule:

Construction Monday thru Friday 7:00 am to 3:30 pm Occassionaly Saturday or later day work

Phase Name	Start Date	End Date	Days/Week	Adjusted Total Days	Default Total Days	
327 Harbor	**3/1/2023**	**3/1/2025**	**5**			
Demolition			5	0	0	0
Site Prep	3/1/2023	3/13/23	5	9	2	0.017241
Grading	3/14/2023	3/24/23	5	9	2	0.017241
Utilities Trenching	3/25/2023	4/6/23	5	9	2	0.017241
Building Construction	4/7/2023	12/26/24	5	451	100	0.862069
Paving	4/7/2023	4/12/23	5	5	5	
Architectural Coating	4/18/2024	2/27/2025	5	225	5	
				523	116	
Phase 1	**1/1/2024**	**12/21/2030**	**5**			
Demolition	1/1/2024	6/17/24	5	121	20	0.066667
Site Prep	6/18/2024	9/10/24	5	61	10	0.033333
Grading	9/10/2024	2/26/25	5	121	20	0.066667
Utilities Trenching	2/27/2025	8/14/25	5	121	20	0.066667
Building Construction	8/15/2025	15/2025	5	1395	230	0.766667
Paving	8/15/2025	9/11/25	5	20	20	
Architectural Coating	4/19/2028	12/20/2030	5	698	20	
				1820	300	

One San Pedro Specific Plan
Construction Assumptions

	Phase Name	Start Date	End Date	Days/Week	Adjusted Total Days	Default Total Days		
Phase 2		**1/1/2031**	**12/21/2035**	**5**				
	Demolition	1/1/2031	4/16/31	5	76	20	0.058824	
	Site Prep	4/17/2031	6/9/31	5	38	10	0.029412	
	Grading	6/10/2031	9/23/31	5	76	20	0.058824	
	Utilities Trenching	9/24/2031	1/7/32	5	76	20	0.058824	
	Building Construction	1/8/2032	5/21/35	5	878	230	0.676471	1.947511
	Paving	1/8/2032	2/4/32	5	20	20		
	Architectural Coating	4/18/2034	12/21/2035	5	439	20		
					1298	340		
Phase 3		**3/1/2034**	**12/21/2037**	**5**				
	Demolition	3/1/2034	5/19/34	5	58	20	0.058824	
	Site Prep	5/20/2034	6/26/34	5	29	10	0.029412	
	Grading	6/30/2034	9/19/34	5	58	20	0.058824	
	Utilities Trenching	9/19/2034	12/7/34	5	58	20	0.058824	
	Building Construction	12/8/2034	7/6/37	5	672	230	0.676471	
	Paving	12/8/2034	1/4/35	5	20	20		
	Architectural Coating	9/5/2036	12/21/2037	5	336	20		
					994	340		

Trips and VMT Use CalEEMod Defaults for everything other than soil haul trucks

PhaseName	Worker Trips	Vendor Trips	One-way Trips
Grading (Harbor)	Default	Default	280
Grading (Phase 1)	Default	Default	8,493
Grading (Phase 2)	Default	Default	6,878
Granding (Phase 3)	Default	Default	8,295
Total			23,666

Note: Haul trucks per phase will be determined by total acerage unless specifics for each phase are known.

Offroad Equipment See Equipment by phase information

Dust from Material Movement Uses "Mitigated" fugitive dust results to account for SCAQMD Dust control requirements

	Import (Cys)	Export (CY)	acres	Export/acre
Grading		378,645	20.37	18,588
Additional Site - 327 Harbor		4,481	0.56	
Phase 1		135,881	7.31	
Phase 2		110,043	5.92	
Phase 3		132,721	7.14	

One San Pedro Specific Plan
Construction Assumptions

Demolition Square Footage to be demolished

		# Units	Sqft Demo	sqft/unit	
Total		478	500,303	1,047	18192.836
	Phase 1	156	156,280		
	Phase 2	144	150,719		
	Phase 3	178	186,305		

Demolition will based on existing units unless otherwise known.

Onroad Fugitive Dust Uses CalEEMod Defaults

Architectural Coatings Uses CalEEMod Defaults

	Res Interior	Res Exterior	NonRes Interior	Non Res Ext	Paving
Phase 1 - Scenario A	759,375	253,125	109,461	36,487	14,118
Phase 1 - Scenario B	911,250	303,750	132,254	44,085	17,280
Phase 2 - Scenario A	1,215,000	405,000	175,577	58,526	20,664
Phase 2 - Scenario B	1,362,825	454,275	207,692	69,231	27,905
Phase 3 - Scenario A	1,166,400	388,800	164,154	54,718	19,333
Phase 3 - Scenario B	870,750	290,250	91,050	30,350	23,119

Note:
Construction for Scenario A and B were modeled together. As construction schedule and equipipment does not change between scenarios, the only differes is the amount of architectural coating application. Therefore the architectural coating phases for each Scenario are called out as a separate phase in the CalEEMod modeling.

One San Pedro Specific Plan
Operational Emissions

CalEEMod Defaults are assumed for modeling purposes unless specifically discussed in the Operational Assumptions below.

Mobile Sources

Vehicle Trips:

Source: City of Los Angeles VMT Calculator Version 1.3 Output - dated 1/11/2023 (MXD without TDM Mitigation)

	Daily Trips	**Daily VMT**
Home Based work Production	1,081	12,759
Home Based other Production	2,335	17,043
Home based work Attraction	146	2,099
Home based other attraction	2,695	21,292
Non-Home based Other Production	2,488	24,633
Non-Home Based Other Attraction	1,254	14,550
	9,999	92,376
Residential	6,257	53,193
Non-Residential	3,742	39,183

EV Charging **321 EV Charging Stations.**

	Harbor	PA1	PA2	PA3	
			Scenario A		
Parking Spaces	45	587	861	806	2,299
% Total	0.0195737	0.2553284	0.3745107	0.350587212	
# EV Stations	6	82	120	113	
			Scenario B		
Parking Spaces	45	720	1,033	514	2,312
% Total	0.0194637	0.3114187	0.4467993	0.222318339	
# EV Stations	6	100	143	71	

One San Pedro Specific Plan
Operational Emissions

	Scenario A							Modeled		Output
	DU	**% Units**	**Daily Trips**	**Daily VMT**	**trips/DU**	**VMT/trip**	**Annual VMT**	**trips/DU**	**VMT/trip**	**Annual VMT**
Harbor	47	0.029375	293.72	1,563	6.249375	5.319831983	570,329	6.25	5.34	570,980
Phase 1	375	0.234375	2,343.52	12,467	6.249375	5.319831983	4,550,495	6.25	6.02	4,560,593
Phase 2	600	0.375	3,749.63	19,947	6.249375	5.319831983	7,280,792	6.25	5.33	7,275,450
Phase 3	578	0.36125	3,612.14	19,216	6.249375	5.319831983	7,013,830	6.25	5.329	7,008,845
Check	1,600		9,999	53,193			19,415,445			19,415,868

	Scenario A									
	KSF	**%KSF**	**Daily Trips**	**Daily VMT**	**trips/KSF**	**VMT/trip**	**Annual VMT**	**trips/DU**	**VMT/trip**	**Annual VMT**
Harbor	0									
Phase 1	32	0.2461538	921	9,645	28.78461538	10.47113843	3,520,442	28.79	12.9	3,537,816
Phase 2	55	0.4230769	1,583	16,577	28.78461538	10.47113843	6,050,759	28.79	10.49	6,046,183
Phase 3	43	0.3307692	1,238	12,961	28.78461538	10.47113843	4,730,594	28.79	10.48	4,718,003
	130		3,742	39,183			14,301,795			14,302,002

	Scenario B									
	DU	**% Units**	**Daily Trips**	**Daily VMT**	**trips/DU**	**VMT/trip**				
Harbor	47	0.029375	294	1,563	6.249375	5.319831983	570,329	6.25	5.34	570,980
Phase 1	450	0.28125	2,812	14,961	6.249375	5.319831983	5,460,594	6.25	6.01	5,463,353
Phase 2	673	0.420625	4,206	22,374	6.249375	5.319831983	8,166,622	6.25	5.33	8,160,630
Phase 3	430	0.26875	2,687	14,296	6.249375	5.319831983	5,217,901	6.25	5.335	5,218,964
	1,600		9,999	53,193			19,415,445			19,413,927

	Scenario B									
	KSF	**%KSF**	**Daily Trips**	**Daily VMT**	**trips/KSF**	**VMT/trip**				
Harbor	0									
Phase 1	39	0.3	1,123	11,755	28.78461538	10.47113843	4,290,539	28.79	12.85	4,295,007 #
Phase 2	67	0.5153846	1,929	20,194	28.78461538	10.47113843	7,370,925	28.79	10.49	7,365,350
Phase 3	24	0.1846154	691	7,234	28.78461538	10.47113843	2,640,331	28.79	10.51	2,643,365
	130		3,742	39,183			14,301,795			14,303,722

Note: VMT was modeled such that total VMT is equal to or slightly higher than what is in the traffic study and may not split evenly among the phases and landuses due to how CalEEMod computes VMT.

	Traffic Study	Modeled	Difference (modeled - Traffic Study)
Scenario A	33,717,240	33,717,870	630 Annual VMT
Scenario B	33,717,240	33,717,649	409 Annual VMT

One San Pedro Specific Plan
Operational Emissions

Area Sources

Hearths:

Existing Assumes no Fireplaces

Proposed All residential units are all electric. Therefore, no natural gas, propane or wood burning hearts used.

Energy Use

	Existing	Proposed
Title 24 Compilance	2008	2019

	T24 Electricity	NT24 Electricity	Lighting Electricity	T24 Natural Gas	NT24 Natural Gas
	KWh/DU			kBtu/DU	
Existing	231.59	2553.86	741.44	5546	1662
Project	35.05	3054.1	741.44	4180	4831

Source: CalEEMod Appendix D, Table 8.1 Energy Use by Climate Zone and Land Use Type

* Residential portions of the building are all electric

Conversion from NG to Electric for Residential 1 Btu = 0.000293071 KWh 1 kBtu = 0.293071083 kWh

	Default NG		Conversion to kWh		Default Electric		Revised Electric	
	T24 NG	NT24 NG	T24 NG	NT24 NG	T24 D Elec	NT24 D Elec	T24 R Elec	NT24 R Elec
	kBtu		kWh		kWh		kWh	
Apt. Mid	4,179.80	4,831.00	1,224.98	1,415.83	35.05	3,054.10	1,260.03	4,469.93
Townhouse	12,162.60	4,831.00	3,564.51	1,415.83	39.19	3,795.01	3,603.70	5,210.84
Parking Garage	0.00	0.00	0.00	0.00	3.50	0.19	3.50	0.19

One San Pedro Specific Plan
Operational Emissions

Water Use Source: LADWP 2022. Water Supply Assessment - One San Pedro Specific Plan Project. May 2022

325851.4333 gallons per acre foot

	Units/SF	AF/year	gallons/yr	2023 T24 Req.	gallons/yr/unit	% Total	% Inside	Inside	Outside
					Existing				
Total Residential	478	104.53	34,061,250.32		71,257.85		0.613333333	20,890,900.20	13,170,350.12
PA 1	156				11,116,223.95		0.613333333	6,817,950.69	4,298,273.26
PA 2	144				10,261,129.80		0.613333333	6,293,492.95	3,967,636.86
PA 3	178				12,683,896.56		0.613333333	7,779,456.56	4,904,440.00
	478								
					Proposed Scenario A				
Total Residential	1600	208.77	68,028,003.72		42,517.50				
Harbor	47		1,998,322.61	1598658.087			0.6133	980,510.30	618,147.79
PA 1	375		15,944,063.37	12755250.7				7,823,220.44	4,932,030.26
PA 2	600		25,510,501.40	20408401.12				12,517,152.70	7,891,248.41
PA 3	578		24,575,116.34	19660093.08				12,058,190.44	7,601,902.64
	1,553								
Total Non-Residential									
Neighborhood	85	8.81	2,870,751.13		33,773.54		0.6200		
PA 1	32		1,080,753.37	864602.6924				536,053.67	328,549.02
PA 2	30		1,013,206.28	810565.0241				502,550.32	308,014.71
PA 3	23		776,791.48	621433.1851				385,288.57	236,144.61
Commercial	45	9.83	3,203,119.59		71,180.44		0.620000001		
PA 1	0		0.00	0				0.00	0.00
PA 2	25		1,779,510.88	1423608.706				882,637.40	540,971.31
PA 3	20		1,423,608.71	1138886.965				706,109.92	432,777.05
Parking Garage	945.09	0.70	228,096.00		241.35				
PA 1	235		56,790.50	45432.39696				27,865.20	17,567.19
PA 2	388		93,540.62	74832.49932				45,897.27	28,935.23
PA 3	322		77,764.88	62211.90635				38,156.64	24,055.27
Landscaping	431.159	19.47	6,344,327.41						
PA 1	1.50		1,982,602.31	1586081.851		0.3125		0	1586081.851
PA 2	1.70		2,246,949.29	1797559.432		0.354166667			1797559.432
PA 3	1.60		2,114,775.80	1691820.641		0.333333333			1691820.641

One San Pedro Specific Plan
Operational Emissions

	Units/SF	AF/year	gallons/yr	2023 T24 Req.	gallons/yr/unit	% Total			
					Proposed Scenario B				
Total Residential	1600	208.77	68,028,003.72		42,517.50		% Inside	Inside	Outside
Harbor	47		1,998,322.61	1598658.087			0.6133		
PA 1	450		19,132,876.05	15306300.84				9,387,864.53	5,918,436.31
PA 2	673		28,614,279.07	22891423.25				14,040,072.95	8,851,350.30
PA 3	430		18,282,526.00	14626020.8				8,970,626.10	5,655,394.70
	1,553								
Total Non-Residential									
Neighborhood	85	8.81	2,870,751.13		33,773.54		0.6200		
PA 1	39		1,317,168.16	1053734.531				653,315.41	400,419.12
PA 2	37		1,249,621.08	999696.8631				619,812.06	379,884.81
PA 3	9		303,961.88	243169.5072				150,765.09	92,404.41
Commercial	45	9.83	3,203,119.59		71,180.44		0.6200		
PA 1	0		0.00	0				0.00	0.00
PA 2	30		2,135,413.06	1708330.447				1,059,164.88	649,165.57
PA 3	15		1,067,706.53	854165.2237				529,582.44	324,582.78
Parking Garage	945.09	0.70	228,096.00				0.6133		
PA 1	282		56,790.50	45,432		0.248976288		27,865.20	17,567.19
PA 2	465		93,540.62	74,832		0.410093219		45,897.27	28,935.23
PA 3	387		77,764.88	62,212		0.340930493		38,156.64	24,055.27
Landscaping	431.159	19.47	6,344,327.41						
PA 1	1.50		1,982,602.31	1586081.851		0.3125			1,586,081.85
PA 2	1.70		2,246,949.29	1797559.432		0.354166667			1,797,559.43
PA 3	1.60		2,114,775.80	1691820.641		0.333333333			1,691,820.64

Removal of Septic from Wastewater Treatment

	Septic	Aerobic	Lagoons
Default	10.33	87.46	2.21
%		97.54%	2.46%
Additional		10.07540761	0.254592394
Revised		97.54	2.46

One San Pedro Specific Plan
Operational Emissions

Solid Waste

CalEEMod Defaults Used and incorporates a 25% reduction to account for the 75% total diversion requirements as 50% is assumed accounted for in CalEEMOD

		Scenario A				Scenario B			
		Default	**% red**	**Tons Red**	**Revised**	**Default**	**% red**	**Tons Red**	**Revised**
Existing		219.88	0.25	54.97	164.91				
Harbor		22.54		5.64	16.91				
PA1	Apt	157.78		39.45	118.34	192.28		48.07	144.21
	Town	14.72		3.68	11.04	14.72		3.68	11.04
	Park	0.13		0.03	0.10	0.13		0.03	0.10
	Neighborhood	29.76		7.44	22.32	36.27		9.07	27.20
PA2	Apt	276		69.00	207.00	309.58		77.40	232.19
	Commercial	26.25		6.56	19.69	34.41		8.60	25.81
	Park	0.15		0.04	0.11	0.15		0.04	0.11
	Neighborhood	27.9		6.98	20.93	28.35		7.09	21.26
PA3	Apt	244.26		61.07	183.20	177.1		44.28	132.83
	Condo	20.7		5.18	15.53	20.7		5.18	15.53
	Commercial	21		5.25	15.75	18.9		4.73	14.18
	Park	0.14		0.04	0.11	0.14		0.04	0.11
	Neighborhood	21.39		5.35	16.04	8.37		2.09	6.28

One San Pedro Specific Plan
Unmitigated Construction Summary Tables

Regional Construction Emissions

Phase/Overlap	ROG	NOx	CO	SO_2	PM10	PM2.5
Scenario A						
Harbor	4	39	41	<1	4	2
PA1	13	121	151	<1	11	6
PA2	17	97	156	<1	10	4
PA3	17	50	27	<1	9	3
Overlap by Year						
2024	15	128	159	<1	12	6
2025	13	114	152	<1	11	5
2034	20	79	85	<1	17	5
2035	18	33	76	<1	16	5
Scenario B						
Harbor	4	39	41	<1	4	2
PA1	13	121	151	<1	11	6
PA2	18	97	156	<1	10	4
PA3	12	50	27	<1	9	3
Overlap by Year						
2024	15	128	159	<1	12	6
2025	13	114	152	<1	11	5
2034	21	79	85	<1	17	5
2035	18	33	76	<1	16	5
Maximum						
Scenario A	20	**128**	159	<1	17	6
Scenario B	21	**128**	159	<1	17	6
Threshold	75	**100**	550	150	150	55
Exceed Threshold	No	**Yes**	No	No	No	No

One San Pedro Specific Plan
Construction and Operational Combined - Unmitigated

Regional Construction& Operational Emissions

Phase/Overlap	ROG	NOx	CO	SO_2	PM10	PM2.5
Scenario A						
Construction of Phase 2 & 3; Operation Harbor and Phase 1						
Construction Phase 2 & 3	20	79	85	<1	17	5
Operation Harbor & Phase 1	20	8	104	<1	19	5
Total	40	86	189	<1	36	10
Construction Phase 3; Operation Harbor, Phase 1 and Phase 2						
Construction Phase 3	17	50	27	<1	9	3
Operation Harbor , P1 & P2	48	18	251	<1	47	13
Total	64	68	278	<1	56	16
Scenario B						
Construction of Phase 2 & 3; Operation Harbor and Phase 1						
Construction Phase 2 & 3	21	79	85	<1	17	5
Operation Harbor & Phase 1	24	9	123	0	22	6
Total	45	88	208	0	39	11
Construction Phase 3; Operation Harbor, Phase 1 and Phase 2						
Construction Phase 3	12	97	156	<1	10	4
Operation Harbor , P1 & P2	55	21	292	<1	55	15
Total	67	118	447	<1	65	19
Maximum						
Scenario A	64	86	278	<1	56	16
Scenario B	67	118	447	<1	65	19
Net						
Existing	(18)	(9)	(109)	(<1)	(15)	(4)
Net Scenaro A	**46**	**77**	170	<1	42	11
Net Scenario B	**49**	**109**	339	<1	51	15
Threshold	**55**	**55**	550	150	150	55
Exceed Threshold	**No**	**Yes**	No	No	No	No

One San Pedro Specific Plan
Unmitigated Health Risk Summary Tables

Table 4.2-11 Construction Health Risk

Receptor	Receptor	Cancer Risk (per million)	Chronic Risk
Offsite Residential	145	115.6	0.4
Offsite Worker	394	36.1	0.266
Harbor Site	485	1.86	0.039
Existing PA 1	753	3.3	0.107
Existing PA 2	1181	88.8	0.358
Existing PA 3	1369	112.2	0.439
Future PA 1	531	10.66	0.225
Future PA 2	1205	3.07	0.133
Combined Existing & Future PA1		13.96	0.332
Combined Existing & Future PA2		91.87	0.358

Source: See Appendix AQ

One San Pedro Specific Plan
Unmitigated GHG Summary Tables

Table 4.5- 2 Estimated GHG Emissions during Construction

Year	Annual Emissions (MT of CO_2e)				
	Harbor	PA1	PA2	PA3	Total
2023	178				178
2024	190	2,016			2,207
2025	9	2,420			2,429
2006		1,403			1,403
2027		1,384			1,384
2028		1,572			1,572
2029		1,649			1,649
2030		1,668			1,668
2031			2,454		2,454
2037			1,580		1,580
2033			1,454		1,454
2034			1,688	2,122	3,810
2035			893	1,477	2,370
2036				1,573	1,573
2037				1,065	1,065
Total					26,794
Amortized over 30 years					893

One San Pedro Specific Plan
Unmitigated GHG Summary Tables

Operational			
Area	8	28	28
Electric	485	1,088	1,148
Mobile	2,440	9,670	9,533
Solid Waste	83	325	326
Water	92	78	78
Total	3,108	11,188	11,113
Construction		**893**	893
PDF GHG-1: PV Solar		(156)	(165)
PDF GHG-2: EV Charging Stations		(6,013)	(6,035)
PDF GHG-3: TDM Program		(206)	(206)
Project w/ Construction		5,707	5,600
Additional Regulatory Reductions		(73)	(77)
Total Project		**5,634**	**5,524**
Net Project Operational w/Construction		**2,526**	**2,415**
Reduction from PDFs		(6,375)	(6,405)

One San Pedro Specific Plan
Unmitigated Construction Summary Tables

Localized Construction Emissions

Phase/Overlap		NOx	CO	PM10	PM2.5
Scenario A & B					
Harbor		30	38	2	1
PA1		98	141	7	4
PA2		66	144	4	2
PA3		10	16	3	1
Overlap by Year					
2024		105	150	7	5
2025		92	142	6	4
2034		34	59	4	1
2035		23	48	<1	<1
Maximum					
Harbor		30	38	2	1
	Threshold	32	789	13	4
	Exceed Threshold	**No**	**No**	**No**	**No**
PA1		98	141	7	4
	Threshold	65	1,530	14	5.6
	Exceed Threshold	**Yes**	**No**	**No**	**No**
PA2		66	144	4	2
	Threshold	65	1,530	14	5.6
	Exceed Threshold	Yes	No	No	No
PA3		10	16	3	1
	Threshold	65	1,530	14	5.6
	Exceed Threshold	**No**	**No**	**No**	**No**
Max Overlap		105	150	7	5
	Threshold	65	1,530	14	5.6
	Exceed Threshold	**Yes**	**No**	**No**	**No**

One San Pedro Specific Plan
Construction and Operational Combined - Unmitigated

Localized Construction Emissions

Phase/Overlap	NOx	CO	PM10	PM2.5
Scenario A				
Construction of Phase 2 & 3; Operation Harbor and Phase 1				
Construction Phase 2 & 3	34	59	4	1
Operation Harbor & Phase 1	<1	35	<1	<1
Total	34	94	4	1
Construction Phase 3; Operation Harbor, Phase 1 and Phase 2				
Construction Phase 3	32	789	13	4
Operation Harbor, Phase 1 & Phase 2	<1	84	<1	<1
Total	32	873	13	4
Scenario B				
Construction of Phase 2 & 3; Operation Harbor and Phase 1				
Construction Phase 2 & 3	34	59	4	1
Operation Harbor & Phase 1	<1	41	<1	<1
Total	34	100	4	1
Construction Phase 3; Operation Harbor, Phase 1 and Phase 2				
Construction Phase 3	32	789	13	4
Operation Harbor, Phase 1 & Phase 2	1	97	<1	<1
Total	33	886	13	4
Maximum				
Scenario A	34	873	13	4
Scenario B	34	886	13	4
Net				
Existing	(9)	(109)	(15)	(4)
Net Scenaro A	25	765	-2	0
Net Scenario B	25	777	-2	0
Threshold	**65**	**1530**	**4**	**2**
Exceed Threshold	**No**	**No**	**No**	**No**

One San Pedro Specific Plan
Unmitigated Operational Summary Tables

Regional Operational Ei Unmitigated

Plan Area	ROG	NOx	CO	SO_2	PM10	PM2.5
Scenario A (lbs/day)						
Harbor	2	1	9	0	1	0
PA1	18	7	95	0	17	5
PA2	28	10	147	0	28	8
PA3	26	9	134	0	25	7
Total	74	27	385	1	72	20
Net Emissions						
Existing	18	9	109	0	15	4
Proposed Project SA	55	17	277	0	57	16
Scenario B (lbs/day)						
Harbor	2	1	9	0	1	0
PA1	21	8	114	0	21	6
PA2	32	12	169	0	33	9
PA3	18	6	94	0	17	5
Total	74	27	386	1	72	20
Net Emissions						
Existing	18	9	109	0	15	4
Proposed Project SB	55	17	277	0	57	16
Maximum (lbs/day)						
Scenario A	55.46	17	277	<1	57	16
Scenario B	55.38	17	277	<1	57	16
Threshold	55	55	550	150	150	55
Exceed Threshold	Yes	No	No	No	No	No

Source: See Appendix AQ

One San Pedro Specific Plan
Mitigated Operational Summary Tables

Regional Operational E Mitigated

Plan Area	ROG	NOx	CO	SO_2	PM10	PM2.5
			Scenario A (lbs/day)			
Harbor	2	1	8	0	1	0
PA1	18	7	86	0	17	5
PA2	27	10	132	0	28	8
PA3	25	9	120	0	25	7
Total	**72**	**26**	**346**	**1**	**72**	**20**
			Net Emissions			
Existing	18	9	109	0	15	4
Proposed Project SA	54	17	237	0	57	15
			Scenario B (lbs/day)			
Harbor	2	1	8	0	1	0
PA1	21	8	102	0	21	6
PA2	31	11	152	0	33	9
PA3	18	6	83	0	17	5
Total	**72**	**26**	**346**	**1**	**72**	**20**
			Net Emissions			
Existing	18	9	109	0	15	4
Proposed Project SB	54	17	237	0	57	15
			Maximum (lbs/day)			
Scenario A	54	17	237	<1	57	15
Scenario B	54	17	237	<1	57	15
Threshold	55	55	550	150	150	55
Exceed Threshold	No	No	No	No	No	No

Source: See Appendix AQ

One San Pedro Specific Plan
Unmitigated Operational Summary Tables

Localized Operational Emissions

Plan Area	NOx	CO	PM10	PM2.5
Scenario A (lbs/day)				
Harbor	<1	4	<1	<1
PA1	<1	31	<1	<1
PA2	1	49	<1	<1
PA3	1	48	1	<1
Total	1	132	1	<1
Net Emissions				
Existing	1	40	<1	<1
Proposed Project SA	<1	92	<1	<1
Scenario B (lbs/day)				
Harbor	<1	4	<1	<1
PA1	1	37	<1	<1
PA2	1	55	<1	<1
PA3	<1	35	<1	<1
Total	1	132	<1	<1
Net Emissions				
Existing	1	40	<1	<1
Proposed Project SB	<1	92	<1	<1
Maximum (lbs/day)				
Harbor	1	132	1	<1
Threshold (1 acre)	32	789	3	2
Exceed Threshold	No	No	No	No
Scenario A	1	49	1	<1
Scenario B	1	55	<1	<1
Threshold (5 acre)	65	1530	4	2
Exceed Threshold	No	No	No	No
Maximum Daily Concentration (Refined Analysis) (µg/m^3)				
Maximum Daily (lbs/day)	1	132	<1	<1
Maximum Daily Impact (1-hour Highest)	82	4,615	-	-
Threshold	188	22,857	-	-
Maximum Daily Impact (1-hour Highest)	-	2,726	-	-
Threshold	-	10,286	-	-
Maximum Daily Impact (24 hour)	-	-	0.58	0.58
Threshold	-	-	2.5	2.5
Maximum Daily Impact (Annual)	17.22	-	0.29	0.29
Threshold	57	-	1	1
Significant?	No	No	No	No

Source: See Appendix AQ

One San Pedro Specific Plan
GHG Emissions Summary

Construction

		Scenario A/B
Harbor		377
	2023	177.73
	2024	190.26
	2025	9.07
Phase 1		12,112.49
	2024	2,016.39
	2025	2,420.33
	2026	1,403.13
	2027	1,384.04
	2028	1,571.87
	2029	1,648.80
	2030	1,667.93
Phase 2		8,068.11
	2031	2,454
	2032	1,580
	2033	1,454
	2034	1,688
	2035	893
Phase 3		6,236.63
	2034	2,122
	2035	1,477
	2036	1,573
	2037	1,065
Total		26,794.30
Amortized		893.1432233

One San Pedro Specific Plan
GHG Emissions Summary

Operational

					Total
		Existing			
Area					8.25
Energy					485.47
Mobile					2,439.55
Waste					82.93
Water					92.06
Total					3,108.27
Population					1,157
Emissions/SP					2.69
		Project Scenario A			
	Harbor	**PA1**	**PA2**	**PA3**	**Total**
Area	0.8107	6.4839	10.3721	9.9909	27.6576
Energy	38.5771	263.7037	409.5104	375.9917	1,087.7829
Electric	38.5771	245.9933	390.7194	361.5123	1,036.8021
NG	0.0000	17.7104	18.7910	14.4794	50.9808
Mobile	70.4774	826.5162	1,537.8611	1,221.6162	3,656.4709
Vehicles	192.1468	2,433.0542	3,744.7323	3,299.7533	9,669.6866
Charging Stations	(121.67)	(1606.54)	(2206.87)	(2078.14)	(6013.22)
Waste	8.5041	76.3405	124.5838	115.9842	325.4126
Water	3.3111	17.8475	29.1307	27.5399	77.8292
Total	121.6804	1,190.8918	2,111.4581	1,751.1229	5,175.1532
Amortized Construction					893.1432
Total Operational					6,068.2964

One San Pedro Specific Plan
GHG Emissions Summary

PDF Emissions Reductions Quantification

	(MT CO_2e)	
	Scenario A	**Scenario B**
TDM Strategies (PDF GHG-3)		
Total Annual MT CO2e	9,670	9,533
Total VMT	33,717,870	33,717,649
MT CO2e/VMT	3.E-04	3.E-04
Total VMT	33,717,240	33,717,240
Daily VMT Reduction from TDM	1,968	1,968
Annual VMT Reduction from TDM	718,320	718,320
MT CO2e Reduction from TDM Implementation	(206)	(206)
Total Emissions (with TDM)	11,803	11,723
PV Solar (PDF GHG-1)		
Total Electric Emissions	1,037	1,097
15% onsite/offsite PV Solar	(156)	(165)
Reduced Electric Emissions	881	932
EV Charging Stations (PDF GHG-2)		
Total Mobile Emissions	9,669.69	9,533.48
321 Charging Stations	(6,013)	(6,035)
Reduced Mobile Emissions	3,656	3,499

One San Pedro Specific Plan
GHG Emissions Summary

Operational

						Total
			Existing			
Area						8.25
Energy						485.47
Mobile						2,439.55
Waste						82.93
Water						92.06
Total						3,108.27
Population						1,156.76
Emissions/SP						2.69
			Project Scenario B			
		Harbor	**PA1**	**PA2**	**PA3**	**Total**
Area		0.8107	7.7811	11.6359	7.4302	27.6579
Energy		38.5771	315.9650	474.9399	318.3280	1,147.8100
	Electric	38.5771	294.3804	451.8372	312.0344	1,096.8291
	NG	0.0000	21.5846	23.1027	6.2936	50.9809
Mobile		70.4774	804.4628	1,714.4171	909.2783	3,498.6355
	Vehicles	192.1468	2,763.6555	4,362.6625	2,215.0104	9,533.4752
	Charging Stations	(121.67)	(1959.19)	(2648.25)	(1305.73)	(6034.84)
Waste		8.5041	91.8047	140.4956	84.9552	325.7596
Water		3.3111	21.2201	32.7717	20.5262	77.8291
Total		121.6804	1,241.2337	2,374.2602	1,340.5179	5,077.6921
	Amortized Construction					893.1432
	Total Operational					5,970.8353

One San Pedro Specific Plan
Operational Criteria Pollutant Summary - Unmitigated
Max Daily

Existing Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		11.4762	0.4553	39.4781	0.00208	0	0.2181	0.2181	0	0.2181	0.2181
Energy		0.1018	0.8699	0.3702	0.00555	0	0.0703	0.0703	0	0.0703	0.0703
Mobile		6.6366	8.0923	68.7325	0.1469	14.44	0.1216	14.5616	3.8463	0.1133	3.9596
Total		**18.2146**	**9.4175**	**108.5808**	**0.15453**	**14.44**	**0.41**	**14.85**	**3.8463**	**0.4017**	**4.248**

Harbor Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		1.5408	0.0446	3.8739	0.0002	0	0.0215	0.0215	0	0.0215	0.0215
Energy		0	0	0	0	0	0	0	0	0	0
Mobile		0.658	0.6038	5.503	0.0113	1.2022	0.00839	1.2106	0.3203	0.00779	0.328
Total		**2.1988**	**0.6484**	**9.3769**	**0.0115**	**1.2022**	**0.02989**	**1.2321**	**0.3203**	**0.02929**	**0.3495**

PA1 - SA Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		10.7293	0.3563	30.9193	0.00164	0	0.1718	0.1718	0	0.1718	0.1718
Energy		0.00975	0.0886	0.0744	0.00053	0	0.00673	0.00673	0	0.00673	0.00673
Mobile		7.0746	6.4523	63.9644	0.1383	17.0573	0.0874	17.1446	4.5447	0.0812	4.626
Total		**17.81365**	**6.8972**	**94.9581**	**0.14047**	**17.0573**	**0.26593**	**17.32313**	**4.5447**	**0.25973**	**4.80453**

One San Pedro Specific Plan
Operational Criteria Pollutant Summary - Unmitigated
Max Daily

PA2 - SA Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		17.1735	0.5697	49.3764	0.00262	0	0.2748	0.2748	0	0.2748	0.2748
Energy		0.0103	0.094	0.079	0.00056	0	0.00715	0.00715	0	0.00715	0.00715
Mobile		10.5775	9.3694	97.5295	0.2067	28.067	0.1044	28.1715	7.4796	0.0973	7.577
Total		**27.7613**	**10.0331**	**146.9849**	**0.20988**	**28.067**	**0.38635**	**28.45345**	**7.4796**	**0.37925**	**7.85895**

PA3 - SA Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		16.4468	0.5488	47.5625	0.00252	0	0.2648	0.2648	0	0.2648	0.2648
Energy		0.00797	0.0725	0.0609	0.00043	0	0.00551	0.00551	0	0.00551	0.00551
Mobile		9.448	8.3262	86.4436	0.1823	24.7257	0.0923	24.818	6.5892	0.086	6.6752
Total		**25.90277**	**8.9475**	**134.067**	**0.18525**	**24.7257**	**0.36261**	**25.08831**	**6.5892**	**0.35631**	**6.94551**

PA1 - SB Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		12.8885	0.4276	37.1047	0.00197	0	0.2062	0.2062	0	0.2062	0.2062
Energy		0.0119	0.108	0.0907	0.00065	0	0.00821	0.00821	0	0.00821	0.00821
Mobile		8.5097	7.7622	76.3274	0.1666	20.5541	0.1042	20.6583	5.4764	0.0969	5.5733
Total		**21.4101**	**8.2978**	**113.5228**	**0.16922**	**20.5541**	**0.31861**	**20.87271**	**5.4764**	**0.31131**	**5.78771**

One San Pedro Specific Plan
Operational Criteria Pollutant Summary - Unmitigated
Max Daily

PA2 - SB Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		19.4955	0.6391	55.3912	0.00294	0	0.3083	0.3083	0	0.3083	0.3083
Energy		0.0127	0.1156	0.0971	0.00069	0	0.00879	0.00879	0	0.00879	0.00879
Mobile		12.2612	10.8826	113.3982	0.2408	32.7113	0.1215	32.8329	8.7173	0.1133	8.8306
Total		**31.7694**	**11.6373**	**168.8865**	**0.24443**	**32.7113**	**0.43859**	**33.14999**	**8.7173**	**0.43039**	**9.14769**

PA3 - SB Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		11.7774	0.4082	35.3744	0.00188	0	0.1969	0.1969	0	0.1969	0.1969
Energy		0.00346	0.0315	0.0265	0.00019	0	0.00239	0.00239	0	0.00239	0.00239
Mobile		6.433	5.6358	58.331	0.1222	16.565	0.0621	16.627	4.4144	0.0579	4.4723
Total		**18.21386**	**6.0755**	**93.7319**	**0.12427**	**16.565**	**0.26139**	**16.82629**	**4.4144**	**0.25719**	**4.67159**

One San Pedro Specific Plan
Operational Criteria Pollutant Summary - Unmitigated
Winter

Existing Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		11.4762	0.4553	39.4781	2.08E-03		0.2181	0.2181		0.2181	0.2181
Energy		0.1018	0.8699	0.3702	5.55E-03		0.0703	0.0703		0.0703	0.0703
Mobile		6.5201	8.0923	66.9264	0.1405	14.44	0.1216	14.5616	3.8463	0.1133	3.9596
Total		**18.0982**	**9.4175**	**106.7746**	**0.1481**	**14.44**	**0.41**	**14.8501**	**3.8463**	**0.4018**	**4.2481**

Harbor Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		1.5408	0.0446	3.8739	2.00E-04		0.0215	0.0215		0.0215	0.0215
Energy		0	0	0	0		0	0		0	0
Mobile		0.6407	0.6038	5.5068	0.0108	1.2022	8.39E-03	1.2106	0.3203	7.79E-03	0.328
Total		**2.1815**	**0.6484**	**9.3806**	**0.011**	**1.2022**	**0.0299**	**1.2321**	**0.3203**	**0.0293**	**0.3495**

PA1 - SA Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		10.7293	0.3563	30.9193	1.64E-03		0.1718	0.1718		0.1718	0.1718
Energy		9.75E-03	0.0886	0.0744	5.30E-04		6.73E-03	6.73E-03		6.73E-03	6.73E-03
Mobile		6.901	6.4523	63.7974	0.1326	17.0573	0.0874	17.1446	4.5447	0.0812	4.626
Total		**17.6401**	**6.8972**	**94.7911**	**0.1348**	**17.0573**	**0.2659**	**17.3232**	**4.5447**	**0.2598**	**4.8045**

One San Pedro Specific Plan
Operational Criteria Pollutant Summary - Unmitigated
Winter

PA2 - SA Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		17.1735	0.5697	49.3764	2.62E-03		0.2748	0.2748		0.2748	0.2748
Energy		0.0103	0.094	0.079	5.60E-04		7.15E-03	7.15E-03		7.15E-03	7.15E-03
Mobile		10.3373	9.3694	97.7194	0.1983	28.067	0.1044	28.1715	7.4796	0.0973	7.577
Total		**27.5211**	**10.0331**	**147.1748**	**0.2015**	**28.067**	**0.3864**	**28.4534**	**7.4796**	**0.3793**	**7.859**

PA3 - SA Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		16.4468	0.5488	47.5625	2.52E-03		0.2648	0.2648		0.2648	0.2648
Energy		7.97E-03	0.0725	0.0609	4.30E-04		5.51E-03	5.51E-03		5.51E-03	5.51E-03
Mobile		9.2261	8.3262	86.7071	0.1749	24.7257	0.0923	24.818	6.5892	0.086	6.6752
Total		**25.6808**	**8.9475**	**134.3305**	**0.1778**	**24.7257**	**0.3626**	**25.0882**	**6.5892**	**0.3563**	**6.9455**

PA1 - SB Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		12.8885	0.4276	37.1047	1.97E-03		0.2062	0.2062		0.2062	0.2062
Energy		0.0119	0.108	0.0907	6.50E-04		8.21E-03	8.21E-03		8.21E-03	8.21E-03
Mobile		8.3016	7.7622	76.1536	0.1598	20.5541	0.1042	20.6583	5.4764	0.0969	5.5733
Total		**21.202**	**8.2978**	**113.349**	**0.1624**	**20.5541**	**0.3186**	**20.8727**	**5.4764**	**0.3113**	**5.7877**

One San Pedro Specific Plan
Operational Criteria Pollutant Summary - Unmitigated
Winter

PA2 - SB Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		19.4955	0.6391	55.3912	2.94E-03		0.3083	0.3083		0.3083	0.3083
Energy		0.0127	0.1156	0.0971	6.90E-04		8.79E-03	8.79E-03		8.79E-03	8.79E-03
Mobile		11.9865	10.8826	113.5701	0.231	32.7113	0.1215	32.8329	8.7173	0.1133	8.8306
Total		**31.4946**	**11.6372**	**169.0584**	**0.2347**	**32.7113**	**0.4386**	**33.15**	**8.7173**	**0.4304**	**9.1477**

PA3 - SB Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		11.7774	0.4082	35.3744	1.88E-03		0.1969	0.1969		0.1969	0.1969
Energy		3.46E-03	0.0315	0.0265	1.90E-04		2.39E-03	2.39E-03		2.39E-03	2.39E-03
Mobile		6.2762	5.6358	58.5842	0.1173	16.565	0.0621	16.627	4.4144	0.0579	4.4723
Total		**18.0571**	**6.0754**	**93.9851**	**0.1194**	**16.565**	**0.2614**	**16.8263**	**4.4144**	**0.2572**	**4.6716**

One San Pedro Specific Plan
Operational Criteria Pollutant Summary - Unmitigated
Summer

Existing Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		11.4762	0.4553	39.4781	2.08E-03		0.2181	0.2181		0.2181	0.2181
Energy		0.1018	0.8699	0.3702	5.55E-03		0.0703	0.0703		0.0703	0.0703
Mobile		6.6366	7.5101	68.7325	0.1469	14.44	0.1215	14.5616	3.8463	0.1132	3.9595
Total		**18.2146**	**8.8353**	**108.5808**	**0.1545**	**14.44**	**0.41**	**14.85**	**3.8463**	**0.4017**	**4.248**

Harbor Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		1.5408	0.0446	3.8739	2.00E-04		0.0215	0.0215		0.0215	0.0215
Energy		0	0	0	0		0	0		0	0
Mobile		0.658	0.5593	5.503	0.0113	1.2022	8.39E-03	1.2106	0.3203	7.78E-03	0.328
Total		**2.1987**	**0.6039**	**9.3769**	**0.0115**	**1.2022**	**0.0299**	**1.2321**	**0.3203**	**0.0293**	**0.3495**

PA1 - SA Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		10.7293	0.3563	30.9193	1.64E-03		0.1718	0.1718		0.1718	0.1718
Energy		9.75E-03	0.0886	0.0744	5.30E-04		6.73E-03	6.73E-03		6.73E-03	6.73E-03
Mobile		7.0746	5.9835	63.9644	0.1383	17.0573	0.0874	17.1446	4.5447	0.0812	4.6259
Total		**17.8136**	**6.4284**	**94.958**	**0.1404**	**17.0573**	**0.2659**	**17.3231**	**4.5447**	**0.2597**	**4.8044**

One San Pedro Specific Plan
Operational Criteria Pollutant Summary - Unmitigated
Summer

PA2 - SA Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		17.1735	0.5697	49.3764	2.62E-03		0.2748	0.2748		0.2748	0.2748
Energy		0.0103	0.094	0.079	5.60E-04		7.15E-03	7.15E-03		7.15E-03	7.15E-03
Mobile		10.5775	8.6816	97.5295	0.2067	28.067	0.1044	28.1714	7.4796	0.0973	7.5769
Total		**27.7613**	**9.3453**	**146.9849**	**0.2099**	**28.067**	**0.3864**	**28.4534**	**7.4796**	**0.3793**	**7.8589**

PA3 - SA Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		16.4468	0.5488	47.5625	2.52E-03		0.2648	0.2648		0.2648	0.2648
Energy		7.97E-03	0.0725	0.0609	4.30E-04		5.51E-03	5.51E-03		5.51E-03	5.51E-03
Mobile		9.448	7.715	86.4436	0.1823	24.7257	0.0922	24.8179	6.5892	0.086	6.6752
Total		**25.9027**	**8.3362**	**134.067**	**0.1852**	**24.7257**	**0.3625**	**25.0882**	**6.5892**	**0.3562**	**6.9454**

PA1 - SB Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		12.8885	0.4276	37.1047	1.97E-03		0.2062	0.2062		0.2062	0.2062
Energy		0.0119	0.108	0.0907	6.50E-04		8.21E-03	8.21E-03		8.21E-03	8.21E-03
Mobile		8.5097	7.1985	76.3274	0.1666	20.5541	0.1042	20.6582	5.4764	0.0968	5.5733
Total		**21.4101**	**7.734**	**113.5228**	**0.1692**	**20.5541**	**0.3185**	**20.8726**	**5.4764**	**0.3112**	**5.7876**

One San Pedro Specific Plan
Operational Criteria Pollutant Summary - Unmitigated
Summer

PA2 - SB Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		19.4955	0.6391	55.3912	2.94E-03		0.3083	0.3083		0.3083	0.3083
Energy		0.0127	0.1156	0.0971	6.90E-04		8.79E-03	8.79E-03		8.79E-03	8.79E-03
Mobile		12.2612	10.0838	113.3982	0.2408	32.7113	0.1215	32.8328	8.7173	0.1132	8.8305
Total		**31.7694**	**10.8384**	**168.8865**	**0.2445**	**32.7113**	**0.4386**	**33.1499**	**8.7173**	**0.4303**	**9.1476**

PA3 - SB Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		11.7774	0.4082	35.3744	1.88E-03		0.1969	0.1969		0.1969	0.1969
Energy		3.46E-03	0.0315	0.0265	1.90E-04		2.39E-03	2.39E-03		2.39E-03	2.39E-03
Mobile		6.433	5.2219	58.331	0.1222	16.565	0.062	16.627	4.4144	0.0578	4.4723
Total		**18.2139**	**5.6616**	**93.7319**	**0.1243**	**16.565**	**0.2613**	**16.8263**	**4.4144**	**0.2571**	**4.6716**

One San Pedro Specific Plan
Construction Regional Criteria Pollutant Summary - Scenario A Unmitigated

Max Regional Daily Construction
Scenario A

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
By Year							
2023		3.7011	39.4865	40.9506	0.11316	4.315	1.9566
2024		12.527	120.5449	150.6168	0.3474	11.2696	5.7657
2025		11.6311	112.0432	148.8801	0.3451	10.6095	5.1361
2026		4.4777	31.416	46.0581	0.12	7.4033	2.7649
2027		4.3969	31.3105	45.2096	0.1183	7.4014	2.7631
2028		10.3254	40.0749	57.825	0.14532	8.903	3.4349
2029		10.2386	39.9799	57.0811	0.14382	8.9008	3.4329
2030		9.9662	27.4626	56.4097	0.15134	8.0422	2.6369
2031		11.9946	97.4995	155.6997	0.4069	10.2435	3.6859
2032		8.9386	48.5532	108.5599	0.22842	8.36	3.2326
2033		4.1073	19.8941	42.965	0.1233	6.6443	2.0921
2034		16.817	50.1289	57.8188	0.2085	9.1682	2.6622
2035		16.4733	25.6875	57.4325	0.15323	7.9433	2.4642
2036		16.6838	8.1442	21.7299	0.068	9.3617	2.5692
2037		16.6838	8.1442	21.7299	0.068	9.3617	2.5692
By Phase							
Harbor		3.7011	39.4865	40.9506	0.11316	4.315	1.9566
PA1		12.527	120.5449	150.6168	0.3474	11.2696	5.7657
PA2		16.817	97.4995	155.6997	0.4069	10.2435	3.6859
PA3		16.6838	50.1289	26.8706	0.2085	9.3617	2.576
Overlap By Year							
2024		14.82408	127.6164	159.4301	0.36609	12.0638	6.1789
2025		13.345	114.2325	151.7662	0.35069	10.7806	5.2497
2034		19.5628	78.7417	84.6894	0.36242	17.2123	5.2382
2035		18.0207	33.2712	76.2459	0.22123	15.7894	4.642

One San Pedro Specific Plan
Construction Regional Criteria Pollutant Summary - Scenario A Unmitigated

Emissions By Year and Planning Area

Scenario A

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
2023	Harbor	3.7011	39.4865	40.9506	0.11316	4.315	1.9566
2024	Harbor	2.29708	7.0715	8.8133	0.01869	0.7942	0.4132
	P1	12.527	120.5449	150.6168	0.3474	11.2696	5.7657
2025	Harbor	1.7139	2.1893	2.8861	0.00559	0.1711	0.1136
	PA1	11.6311	112.0432	148.8801	0.3451	10.6095	5.1361
2026	PA1	4.4777	31.416	46.0581	0.12	7.4033	2.7649
2027	PA1	4.3969	31.3105	45.2096	0.1183	7.4014	2.7631
2028	PA1	10.3254	40.0749	57.825	0.14532	8.903	3.4349
2029	PA1	10.2386	39.9799	57.0811	0.14382	8.9008	3.4329
2030	PA1	9.9662	27.4626	56.4097	0.15134	8.0422	2.6369
2031	PA2	11.9946	97.4995	155.6997	0.4069	10.2435	3.6859
2032	PA2	8.9386	48.5532	108.5599	0.22842	8.36	3.2326
2033	PA2	4.1073	19.8941	42.965	0.1233	6.6443	2.0921
2034	PA2	16.817	28.6128	57.8188	0.15392	8.0441	2.6622
	PA3	2.7458	50.1289	26.8706	0.2085	9.1682	2.576
2035	PA2	16.4733	25.6875	57.4325	0.15323	7.8461	2.4642
	PA3	1.5474	7.5837	18.8134	0.068	7.9433	2.1778
2036	PA3	16.6838	8.1442	21.7299	0.068	9.3617	2.5692
2037	PA3	16.6838	8.1442	21.7299	0.068	9.3617	2.5692
Phasing Overlaps by year							
2024	Harbor BC,AC,P1Demo	8.92648	64.2818	95.0232	0.17428	5.7113	3.2794
2024	Harbor BC,AC,P1Site Prep	3.72138	19.7531	19.8537	0.03411	1.8933	1.2781
2024	Harbor BC,AC,P1 Grading	14.82408	127.6164	159.4301	0.36609	12.0638	6.1789
2025	Harbor AC, P1 Grading	13.345	114.2325	151.7662	0.35069	10.7806	5.2497
2025	Harbor AC, P1 Utilities	11.2269	81.5302	116.5641	0.23856	4.1467	3.4232
2034	PA2 PC,AC, PA3 Demo	17.703	36.2903	68.894	0.19252	12.1341	3.4809
	PA2 BC, AC, PA3 Site Prep	16.8873	29.0529	58.5253	0.15392	8.1004	2.6849
	PA2 BC, AC, PA3 Grading	19.5628	78.7417	84.6894	0.36242	17.2123	5.2382
	PA2 BC,AC, PA3 Utilities	17.8941	33.3373	70.2879	0.18072	8.4939	2.882
	PA2 BC,AC, PA3 BC,Paving	18.6991	37.7305	79.8775	0.22282	16.224	4.9532
2035	PA2 BC, AC, PA3 BC	18.0207	33.2712	76.2459	0.22123	15.7894	4.642

One San Pedro Specific Plan
Construction Regional Criteria Pollutant Summary - Scenario A Unmitigated

Emissions by Phase, Planning Area, and Year

Scenario A

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
			lbs/day					
2023	Harbor	Site Prep - 2023	0.357	3.2406	2.7008	0.00368	0.258	0.21548
		Grading - 2023	3.7011	39.4865	40.9506	0.11316	4.315	1.9566
		Utilities - 2023	2.7542	23.886	29.2664	0.06007	1.4536	1.1261
		BC - 2023	0.59756	5.0668	6.0276	0.01319	0.6297	0.3049
		Paving - 2023	1.6907	14.8707	19.4612	0.03087	1.1013	0.8424
2024	PA1	Demolition - 2024	6.6294	57.2103	86.2099	0.15559	4.9171	2.8662
		Site Prep - 2024	1.4243	12.6816	11.0404	0.01542	1.0991	0.8649
		Grading - 2024	12.527	120.5449	150.6168	0.3474	11.2696	5.7657
	Harbor	BC - 2024	0.57148	4.8048	5.9097	0.01308	0.6135	0.29
		AC - 2024	1.7256	2.2667	2.9036	0.00561	0.1807	0.1232
2025	PA1	Grading -2025	11.6311	112.0432	148.8801	0.3451	10.6095	5.1361
		BC - 2025	4.5661	31.5357	47.0582	0.1217	7.4049	2.7664
		Paving - 2025	3.8115	32.2518	51.8311	0.0882	2.266	1.6106
		Utilities - 2025	9.513	79.3409	113.678	0.23297	3.9756	3.3096
	Harbor	AC - 2025	1.7139	2.1893	2.8861	0.00559	0.1711	0.1136
2026	PA1	BC-2026	4.4777	31.416	46.0581	0.12	7.4033	2.7649
2027	PA1	BC - 2027	4.3969	31.3105	45.2096	0.1183	7.4014	2.7631
2028	PA1	BC-2028	4.3232	31.2206	44.5081	0.1169	7.3994	2.7613
		AC - P1SA - 2028	6.0022	8.8543	13.3169	0.02842	1.5036	0.6736
2029	PA1	BC - 2029	4.2506	31.1372	43.8869	0.1156	7.3976	2.7596
		AC - P1SA - 2029	5.988	8.8427	13.1942	0.02822	1.5032	0.6733
2030	PA1	BC -2030	4.1563	19.8158	43.3728	0.1233	6.6674	2.092
		AC - P1SA - 2030	5.8099	7.6468	13.0369	0.02804	1.3748	0.5449

One San Pedro Specific Plan
Construction Regional Criteria Pollutant Summary - Scenario A Unmitigated

Emissions by Phase, Planning Area, and Year

Scenario A

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
			lbs/day					
2031	PA2	Demolition - 2031	6.7124	36.201	92.3985	0.19331	4.0693	1.4682
		Site Prep - 2031	1.1683	7.065	10.7685	0.0181	0.5876	0.4233
		Grading - 2031	11.9946	97.4995	155.6997	0.4069	10.2435	3.6859
		Utilities -2031	8.9457	48.5577	108.6078	0.22851	2.0387	1.5457
2032	PA2	BC - 2032	4.1605	19.9397	43.3096	0.1241	6.6456	2.0933
		Utilities - 2032	8.9386	48.5532	108.5599	0.22842	2.0385	1.5455
		Paving - 2032	4.3527	25.6056	53.7217	0.09891	1.7144	1.1393
2033	PA2	BC - 2033	4.1073	19.8941	42.965	0.1233	6.6443	2.0921
2034	PA2	BC - 2034	4.0597	19.8522	42.6492	0.1225	6.6431	2.091
		AC - P2SA - 2034	12.7573	8.7606	15.1696	0.03142	1.401	0.5712
	PA3	Demolition - 2034	0.886	7.6775	11.0752	0.0386	4.09	0.8187
		Site Prep - 2034	0.0703	0.4401	0.7065	0	0.0563	0.0227
		Grading - 2034	2.7458	50.1289	26.8706	0.2085	9.1682	2.576
		Utilities - 2034	1.0771	4.7245	12.4691	0.0268	0.4498	0.2198
		BC - 2034	1.6235	7.8562	19.1549	0.0689	7.9614	2.1958
		Paving - 2034	0.2586	1.2615	2.9038	0	0.2185	0.0952
2035	PA2	BC-2035	3.7938	17.4623	42.3346	0.1219	6.5019	1.9498
		AC - P2SA - 2035	12.6795	8.2252	15.0979	0.03133	1.3442	0.5144
	PA3	BC - 2035	1.5474	7.5837	18.8134	0.068	7.9433	2.1778
2036	PA3	BC - 2036	1.5474	7.5837	18.8134	0.068	7.9433	2.1778
		AC - P3SA - 2036	15.1364	0.5605	2.9165	0	1.4184	0.3914
2037	PA3	BC-2037	1.5474	7.5837	18.8134	0.068	7.9433	2.1778
		AC - P3SA - 2037	15.1364	0.5605	2.9165	0	1.4184	0.3914

One San Pedro Specific Plan
Construction Localized Criteria Pollutant Summary - Scenario A Unmitigated

Max Local Daily Construction
Scenario A

	NOx	CO	PM10 Total	PM2.5 Total
	lbs/day			
By Year				
2023	29.6996	37.5469	2.4636	1.4078
2024	98.2852	141.0662	6.4254	4.3475
2025	89.9559	139.5849	5.7655	3.718
2026	31.416	46.0581	7.4033	2.7649
2027	26.733	29.9162	1.1134	1.0509
2028	35.5873	43.2331	2.617	1.7245
2029	35.4351	40.5801	1.4829	1.4204
2030	23.0018	40.55	0.6263	0.6263
2031	65.5257	144.3209	3.6301	1.7381
2032	48.4853	107.1975	1.3655	1.3655
2033	15.9194	30.5992	0.3988	0.3988
2034	24.5774	43.6088	3.2553	0.6673
2035	21.6894	43.5393	0.4706	0.4706
2036	2.1931	4.4866	0.0449	0.0449
2037	2.1931	4.4866	0.0449	0.0449
By Phase				
Harbor	29.6996	37.5469	2.4636	1.4078
PA1	98.2852	141.0662	7.4033	4.3475
PA2	65.5257	144.3209	3.6301	1.7381
PA3	9.5167	15.7961	3.2553	0.5721
Overlap By Year				
2024	105.3413	149.6434	7.1409	4.7395
2025	92.1314	142.2509	5.8579	3.8104
2034	34.0941	59.4049	3.9226	1.2394
2035	23.4431	47.6579	0.4984	0.4984

One San Pedro Specific Plan
Construction Localized Criteria Pollutant Summary - Scenario A Unmitigated

Emissions By Year and Planning Area

Scenario A

		NOx	CO	PM10 Total	PM2.5 Total
		lbs/day			
2023	Harbor	29.6996	37.5469	2.4636	1.4078
2024	Harbor	7.0561	8.5772	0.7155	0.392
	P1	98.2852	141.0662	6.4254	4.3475
2025	Harbor	2.1755	2.666	0.0924	0.0924
	PA1	89.9559	139.5849	5.7655	3.718
2026	PA1	31.416	46.0581	7.4033	2.7649
2027	PA1	26.733	29.9162	1.1134	1.0509
2028	PA1	35.5873	43.2331	2.617	1.7245
2029	PA1	35.4351	40.5801	1.4829	1.4204
2030	PA1	23.0018	40.55	0.6263	0.6263
2031	PA2	65.5257	144.3209	3.6301	1.7381
2032	PA2	48.4853	107.1975	1.3655	1.3655
2033	PA2	15.9194	30.5992	0.3988	0.3988
2034	PA2	24.5774	43.6088	0.6673	0.6673
	PA3	9.5167	15.7961	3.2553	0.5721
2035	PA2	21.6894	43.5393	0.4706	0.4706
	PA3	1.7537	4.1186	0.0278	0.0278
2036	PA3	2.1931	4.4866	0.0449	0.0449
2037	PA3	2.1931	4.4866	0.0449	0.0449
Phasing Overlaps by year					
2024	arbor BC,AC,P1Demo	62.2537	91.7086	4.4641	2.9343
2024	or BC,AC,P1Site Prep	19.6937	18.9459	1.5898	1.1964
2024	ıor BC,AC,P1 Grading	105.3413	149.6434	7.1409	4.7395
2025	arbor AC, P1 Grading	92.1314	142.2509	5.8579	3.8104
2025	arbor AC, P1 Utilities	81.3979	114.47	3.3937	3.2207
2034	A2 PC,AC, PA3 Demo	28.0947	53.2777	3.9226	1.2394
	PA2 BC, AC, PA3 Site Prep	25.0175	44.3153	0.7236	0.69
	PA2 BC, AC, PA3 Grading	34.0941	59.4049	3.106	1.214
	PA2 BC,AC, PA3 Utilities	29.2737	55.4918	0.8032	0.8032
	PA2 BC,AC, PA3 BC,Paving	27.5134	50.318	0.7431	0.7431
2035	PA2 BC, AC, PA3 BC	23.4431	47.6579	0.4984	0.4984

One San Pedro Specific Plan
Construction Localized Criteria Pollutant Summary - Scenario A Unmitigated

Emissions by Phase, Planning Area, and Year

Scenario A

			NOx	CO	PM10 Total	PM2.5 Total
		lbs/day				
2023	Harbor	Site Prep - 2023	3.2332	2.5921	0.2243	0.2064
		Grading - 2023	29.6996	37.5469	2.4636	1.4078
		Utilities - 2023	23.8046	28.0706	1.0825	1.0262
		BC - 2023	4.7796	0.0088	0	0
		Paving - 2023	14.8707	19.4612	1.1013	0.8424
2024	PA1	Demolition - 2024	55.1976	83.1314	3.7486	2.5423
		Site Prep - 2024	12.6376	10.3687	0.8743	0.8044
		Grading - 2024	98.2852	141.0662	6.4254	4.3475
	Harbor	BC - 2024	4.8048	5.9097	0.6135	0.29
		AC - 2024	2.2513	2.6675	0.102	0.102
2025	PA1	Grading -2025	89.9559	139.5849	5.7655	3.718
		BC - 2025	26.733	29.9162	1.1134	1.0509
		Paving - 2025	32.1136	49.6448	1.4793	1.3991
		Utilities - 2025	79.2224	111.804	3.3013	3.1283
	Harbor	AC - 2025	2.1755	2.666	0.0924	0.0924
2026	PA1	BC-2026	31.416	46.0581	7.4033	2.7649
2027	PA1	BC - 2027	26.733	29.9162	1.1134	1.0509
2028	PA1	BC-2028	26.733	29.9162	1.1134	1.0509
		AC - P1SA - 2028	8.8543	13.3169	1.5036	0.6736
2029	PA1	BC - 2029	26.733	29.9162	1.1134	1.0509
		AC - P1SA - 2029	8.7021	10.6639	0.3695	0.3695
2030	PA1	BC -2030	15.4855	29.9374	0.3849	0.3849
		AC - P1SA - 2030	7.5163	10.6126	0.2414	0.2414

One San Pedro Specific Plan
Construction Localized Criteria Pollutant Summary - Scenario A Unmitigated

Emissions by Phase, Planning Area, and Year

Scenario A

			NOx	CO	PM10 Total	PM2.5 Total
		lbs/day				
2031	PA2	Demolition - 2031	33.4746	89.859	2.7593	1.1028
		Site Prep - 2031	10.2984	0.0165	0	0
		Grading - 2031	65.5257	144.3209	3.6301	1.7381
		Utilities -2031	48.4853	107.1975	1.3655	1.3655
2032	PA2	BC - 2032	15.9194	30.5992	0.3988	0.3988
		Utilities - 2032	48.4853	107.1975	1.3655	1.3655
		Paving - 2032	25.5264	52.1323	0.9292	0.9292
2033	PA2	BC - 2033	15.9194	30.5992	0.3988	0.3988
2034	PA2	BC - 2034	15.9194	30.5992	0.3988	0.3988
		AC - P2SA - 2034	8.658	13.0096	0.2685	0.2685
	PA3	Demolition - 2034	3.5173	9.6689	3.2553	0.5721
		Site Prep - 2034	0.4401	0.7065	0.0563	0.0227
		Grading - 2034	9.5167	15.7961	2.4387	0.5467
		Utilities - 2034	4.6963	11.883	0.1359	0.1359
		BC - 2034	1.9809	4.1237	0.0444	0.0444
		Paving - 2034	0.9551	2.5855	0.0314	0.0314
2035	PA2	BC-2035	13.5628	30.5482	0.2587	0.2587
		AC - P2SA - 2035	8.1266	12.9911	0.2119	0.2119
	PA3	BC - 2035	1.7537	4.1186	0.0278	0.0278
2036	PA3	BC - 2036	1.7537	4.1186	0.0278	0.0278
		AC - P3SA - 2036	0.4394	0.368	0.0171	0.0171
2037	PA3	BC-2037	1.7537	4.1186	0.0278	0.0278
		AC - P3SA - 2037	0.4394	0.368	0.0171	0.0171

One San Pedro Specific Plan
Construction Regional Criteria Pollutant Summary - Scenario B Unmitigated

Max Regional Daily Construction
Scenario B

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
By Year							
2023		3.7011	39.4865	40.9506	0.11316	4.315	1.9566
2024		12.527	120.5449	150.6168	0.3474	11.2696	5.7657
2025		11.6311	112.0432	148.8801	0.3451	10.6095	5.1361
2026		4.4777	31.416	46.0581	0.12	7.4033	2.7649
2027		4.3969	31.3105	45.2096	0.1183	7.4014	2.7631
2028		11.2206	40.0749	57.825	0.14532	8.903	3.4349
2029		11.1338	39.9799	57.0811	0.14382	8.9008	3.4329
2030		10.8614	27.4626	56.4097	0.15134	8.0422	2.6369
2031		11.9946	97.4995	155.6997	0.4069	10.2435	3.6859
2032		8.9386	48.5532	108.5599	0.22842	8.36	3.2326
2033		4.1073	19.8941	42.965	0.1233	6.6443	2.0921
2034		18.3861	50.1289	57.8188	0.2085	9.1682	2.6622
2035		16.4733	25.6875	57.4325	0.15323	7.9433	2.4642
2036		11.7656	7.7048	21.3619	0.068	9.3446	2.5521
2037		11.7656	7.7048	21.3619	0.068	9.3446	2.5521
By Phase							
Harbor		3.7011	39.4865	40.9506	0.11316	4.315	1.9566
PA1		12.527	120.5449	150.6168	0.3474	11.2696	5.7657
PA2		18.3861	97.4995	155.6997	0.4069	10.2435	3.6859
PA3		11.7656	50.1289	26.8706	0.2085	9.3446	2.576
Overlap By Year							
2024		14.82408	127.6164	159.4301	0.36609	12.0638	6.1789
2025		13.345	114.2325	151.7662	0.35069	10.7806	5.2497
2034		21.1319	78.7417	84.6894	0.36242	17.2123	5.2382
2035		18.0207	33.2712	76.2459	0.22123	15.7894	4.642

One San Pedro Specific Plan
Construction Regional Criteria Pollutant Summary - Scenario B Unmitigated

Emissions By Year and Planning Area

Scenario B

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
2023	Harbor	3.7011	39.4865	40.9506	0.11316	4.315	1.9566
2024	Harbor	2.29708	7.0715	8.8133	0.01869	0.7942	0.4132
	P1	12.527	120.5449	150.6168	0.3474	11.2696	5.7657
2025	Harbor	1.7139	2.1893	2.8861	0.00559	0.1711	0.1136
	PA1	11.6311	112.0432	148.8801	0.3451	10.6095	5.1361
2026	PA1	4.4777	31.416	46.0581	0.12	7.4033	2.7649
2027	PA1	4.3969	31.3105	45.2096	0.1183	7.4014	2.7631
2028	PA1	11.2206	40.0749	57.825	0.14532	8.903	3.4349
2029	PA1	11.1338	39.9799	57.0811	0.14382	8.9008	3.4329
2030	PA1	10.8614	27.4626	56.4097	0.15134	8.0422	2.6369
2031	PA2	11.9946	97.4995	155.6997	0.4069	10.2435	3.6859
2032	PA2	8.9386	48.5532	108.5599	0.22842	8.36	3.2326
2033	PA2	4.1073	19.8941	42.965	0.1233	6.6443	2.0921
2034	PA2	18.3861	28.6128	57.8188	0.15392	8.0441	2.6622
	PA3	2.7458	50.1289	26.8706	0.2085	9.1682	2.576
2035	PA2	16.4733	25.6875	57.4325	0.15323	7.8461	2.4642
	PA3	1.5474	7.5837	18.8134	0.068	7.9433	2.1778
2036	PA3	11.7656	7.7048	21.3619	0.068	9.3446	2.5521
2037	PA3	11.7656	7.7048	21.3619	0.068	9.3446	2.5521
Phasing Overlaps by year							
2024	Harbor BC,AC,P1Demo	8.92648	64.2818	95.0232	0.17428	5.7113	3.2794
2024	Harbor BC,AC,P1Site Prep	3.72138	19.7531	19.8537	0.03411	1.8933	1.2781
2024	Harbor BC,AC,P1 Grading	14.82408	127.6164	159.4301	0.36609	12.0638	6.1789
2025	Harbor AC, P1 Grading	13.345	114.2325	151.7662	0.35069	10.7806	5.2497
2025	Harbor AC, P1 Utilities	11.2269	81.5302	116.5641	0.23856	4.1467	3.4232
2034	PA2 PC,AC, PA3 Demo	19.2721	36.2903	68.894	0.19252	12.1341	3.4809
	PA2 BC, AC, PA3 Site Prep	18.4564	29.0529	58.5253	0.15392	8.1004	2.6849
	PA2 BC, AC, PA3 Grading	21.1319	78.7417	84.6894	0.36242	17.2123	5.2382
	PA2 BC,AC, PA3 Utilities	19.4632	33.3373	70.2879	0.18072	8.4939	2.882
	PA2 BC,AC, PA3 BC,Paving	20.2682	37.7305	79.8775	0.22282	16.224	4.9532
2035	PA2 BC, AC, PA3 BC	18.0207	33.2712	76.2459	0.22123	15.7894	4.642

One San Pedro Specific Plan
Construction Regional Criteria Pollutant Summary - Scenario B Unmitigated

Emissions by Phase, Planning Area, and Year

Scenario B

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
			lbs/day					
2023	Harbor	Site Prep - 2023	0.357	3.2406	2.7008	0.00368	0.258	0.21548
		Grading - 2023	3.7011	39.4865	40.9506	0.11316	4.315	1.9566
		Utilities - 2023	2.7542	23.886	29.2664	0.06007	1.4536	1.1261
		BC - 2023	0.59756	5.0668	6.0276	0.01319	0.6297	0.3049
		Paving - 2023	1.6907	14.8707	19.4612	0.03087	1.1013	0.8424
2024	PA1	Demolition - 2024	6.6294	57.2103	86.2099	0.15559	4.9171	2.8662
		Site Prep - 2024	1.4243	12.6816	11.0404	0.01542	1.0991	0.8649
		Grading - 2024	12.527	120.5449	150.6168	0.3474	11.2696	5.7657
	Harbor	BC - 2024	0.57148	4.8048	5.9097	0.01308	0.6135	0.29
		AC - 2024	1.7256	2.2667	2.9036	0.00561	0.1807	0.1232
2025	PA1	Grading -2025	11.6311	112.0432	148.8801	0.3451	10.6095	5.1361
		BC - 2025	4.5661	31.5357	47.0582	0.1217	7.4049	2.7664
		Paving - 2025	3.8115	32.2518	51.8311	0.0882	2.266	1.6106
		Utilities - 2025	9.513	79.3409	113.678	0.23297	3.9756	3.3096
	Harbor	AC - 2025	1.7139	2.1893	2.8861	0.00559	0.1711	0.1136
2026	PA1	BC-2026	4.4777	31.416	46.0581	0.12	7.4033	2.7649
2027	PA1	BC - 2027	4.3969	31.3105	45.2096	0.1183	7.4014	2.7631
2028	PA1	BC-2028	4.3232	31.2206	44.5081	0.1169	7.3994	2.7613
		AC - P1SB - 2028	6.8974	8.8543	13.3169	0.02842	1.5036	0.6736
2029	PA1	BC - 2029	4.2506	31.1372	43.8869	0.1156	7.3976	2.7596
		AC - P1SB - 2029	6.8832	8.8427	13.1942	0.02822	1.5032	0.6733
2030	PA1	BC -2030	4.1563	19.8158	43.3728	0.1233	6.6674	2.092
		AC - P1SB - 2030	6.7051	7.6468	13.0369	0.02804	1.3748	0.5449

One San Pedro Specific Plan
Construction Regional Criteria Pollutant Summary - Scenario B Unmitigated

Emissions by Phase, Planning Area, and Year

Scenario B

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
			lbs/day					
2031	PA2	Demolition - 2031	6.7124	36.201	92.3985	0.19331	4.0693	1.4682
		Site Prep - 2031	1.1683	7.065	10.7685	0.0181	0.5876	0.4233
		Grading - 2031	11.9946	97.4995	155.6997	0.4069	10.2435	3.6859
		Utilities -2031	8.9457	48.5577	108.6078	0.22851	2.0387	1.5457
2032	PA2	BC - 2032	4.1605	19.9397	43.3096	0.1241	6.6456	2.0933
		Utilities - 2032	8.9386	48.5532	108.5599	0.22842	2.0385	1.5455
		Paving - 2032	4.3527	25.6056	53.7217	0.09891	1.7144	1.1393
2033	PA2	BC - 2033	4.1073	19.8941	42.965	0.1233	6.6443	2.0921
2034	PA2	BC - 2034	4.0597	19.8522	42.6492	0.1225	6.6431	2.091
		AC - P2SB - 2034	14.3264	8.7606	15.1696	0.03142	1.401	0.5712
	PA3	Demolition - 2034	0.886	7.6775	11.0752	0.0386	4.09	0.8187
		Site Prep - 2034	0.0703	0.4401	0.7065	0	0.0563	0.0227
		Grading - 2034	2.7458	50.1289	26.8706	0.2085	9.1682	2.576
		Utilities - 2034	1.0771	4.7245	12.4691	0.0268	0.4498	0.2198
		BC - 2034	1.6235	7.8562	19.1549	0.0689	7.9614	2.1958
		Paving - 2034	0.2586	1.2615	2.9038	0	0.2185	0.0952
2035	PA2	BC-2035	3.7938	17.4623	42.3346	0.1219	6.5019	1.9498
		AC - P2SA - 2035	12.6795	8.2252	15.0979	0.03133	1.3442	0.5144
	PA3	BC - 2035	1.5474	7.5837	18.8134	0.068	7.9433	2.1778
2036	PA3	BC - 2036	1.5474	7.5837	18.8134	0.068	7.9433	2.1778
		AC - P3SB - 2036	10.2182	0.1211	2.5485	0	1.4013	0.3743
2037	PA3	BC-2037	1.5474	7.5837	18.8134	0.068	7.9433	2.1778
		AC - P3SB - 2037	10.2182	0.1211	2.5485	0	1.4013	0.3743

One San Pedro Specific Plan
Construction Localized Criteria Pollutant Summary - Scenario B Unmitigated

Max Local Daily Construction
Scenario B

	NOx	CO	PM10 Total	PM2.5 Total
	lbs/day			
By Year				
2023	29.6996	37.5469	2.4636	1.4078
2024	98.2852	141.0662	6.4254	4.3475
2025	89.9559	139.5849	5.7655	3.718
2026	31.416	46.0581	7.4033	2.7649
2027	26.733	29.9162	1.1134	1.0509
2028	35.4351	40.5801	1.4829	1.4204
2029	35.4351	40.5801	1.4829	1.4204
2030	23.0018	40.55	0.6263	0.6263
2031	65.5257	144.3209	3.6301	1.7381
2032	48.4853	107.1975	1.3655	1.3655
2033	15.9194	30.5992	0.3988	0.3988
2034	24.5774	43.6088	3.2553	0.6673
2035	27.6345	38.6748	0.4706	0.4706
2036	1.7537	4.1186	0.0278	0.0278
2037	1.8748	6.6671	1.4291	0.4021
By Phase				
Harbor	29.6996	37.5469	2.4636	1.4078
PA1	98.2852	141.0662	7.4033	4.3475
PA2	65.5257	144.3209	3.6301	1.7381
PA3	9.5167	15.7961	3.2553	0.5721
Overlap By Year				
2024	105.3413	149.6434	7.1409	4.7395
2025	92.1314	142.2509	5.8579	3.8104
2034	34.0941	59.4049	3.9226	1.2394
2035	29.3882	42.7934	0.4984	0.4984

One San Pedro Specific Plan
Construction Localized Criteria Pollutant Summary - Scenario B Unmitigated

Emissions By Year and Planning Area

Scenario B

		NOx	CO	PM10 Total	PM2.5 Total
		lbs/day			
2023	Harbor	29.6996	37.5469	2.4636	1.4078
2024	Harbor	7.0561	8.5772	0.7155	0.392
	P1	98.2852	141.0662	6.4254	4.3475
2025	Harbor	2.1755	2.666	0.0924	0.0924
	PA1	89.9559	139.5849	5.7655	3.718
2026	PA1	31.416	46.0581	7.4033	2.7649
2027	PA1	26.733	29.9162	1.1134	1.0509
2028	PA1	35.4351	40.5801	1.4829	1.4204
2029	PA1	35.4351	40.5801	1.4829	1.4204
2030	PA1	23.0018	40.55	0.6263	0.6263
2031	PA2	65.5257	144.3209	3.6301	1.7381
2032	PA2	48.4853	107.1975	1.3655	1.3655
2033	PA2	15.9194	30.5992	0.3988	0.3988
2034	PA2	24.5774	43.6088	0.6673	0.6673
	PA3	9.5167	15.7961	3.2553	0.5721
2035	PA2	27.6345	38.6748	0.4706	0.4706
	PA3	1.7537	4.1186	0.0278	0.0278
2036	PA3	1.7537	4.1186	0.0278	0.0278
2037	PA3	1.8748	6.6671	1.4291	0.4021
Phasing Overlaps by year					
2024	Harbor BC,AC,P1Demo	62.2537	91.7086	4.4641	2.9343
2024	Harbor BC,AC,P1Site Prep	19.6937	18.9459	1.5898	1.1964
2024	Harbor BC,AC,P1 Grading	105.3413	149.6434	7.1409	4.7395
2025	Harbor AC, P1 Grading	92.1314	142.2509	5.8579	3.8104
2025	Harbor AC, P1 Utilities	81.3979	114.47	3.3937	3.2207
2034	PA2 PC,AC, PA3 Demo	28.0947	53.2777	3.9226	1.2394
	PA2 BC, AC, PA3 Site Prep	25.0175	44.3153	0.7236	0.69
	PA2 BC, AC, PA3 Grading	34.0941	59.4049	3.106	1.214
	PA2 BC,AC, PA3 Utilities	29.2737	55.4918	0.8032	0.8032
	PA2 BC,AC, PA3 BC,Paving	27.5134	50.318	0.7431	0.7431
2035	PA2 BC, AC, PA3 BC	29.3882	42.7934	0.4984	0.4984

One San Pedro Specific Plan
Construction Localized Criteria Pollutant Summary - Scenario B Unmitigated

Emissions by Phase, Planning Area, and Year

Scenario B

			NOx	CO	PM10 Total	PM2.5 Total
			lbs/day			
2023	Harbor	Site Prep - 2023	3.2332	2.5921	0.2243	0.2064
		Grading - 2023	29.6996	37.5469	2.4636	1.4078
		Utilities - 2023	23.8046	28.0706	1.0825	1.0262
		BC - 2023	4.7796	0.0088	0	0
		Paving - 2023	14.8707	19.4612	1.1013	0.8424
2024	PA1	Demolition - 2024	55.1976	83.1314	3.7486	2.5423
		Site Prep - 2024	12.6376	10.3687	0.8743	0.8044
		Grading - 2024	98.2852	141.0662	6.4254	4.3475
	Harbor	BC - 2024	4.8048	5.9097	0.6135	0.29
		AC - 2024	2.2513	2.6675	0.102	0.102
2025	PA1	Grading -2025	89.9559	139.5849	5.7655	3.718
		BC - 2025	26.733	29.9162	1.1134	1.0509
		Paving - 2025	32.1136	49.6448	1.4793	1.3991
		Utilities - 2025	79.2224	111.804	3.3013	3.1283
	Harbor	AC - 2025	2.1755	2.666	0.0924	0.0924
2026	PA1	BC-2026	31.416	46.0581	7.4033	2.7649
2027	PA1	BC - 2027	26.733	29.9162	1.1134	1.0509
2028	PA1	BC-2028	26.733	29.9162	1.1134	1.0509
		AC - P1SB - 2028	8.7021	10.6639	0.3695	0.3695
2029	PA1	BC - 2029	26.733	29.9162	1.1134	1.0509
		AC - P1SB - 2029	8.7021	10.6639	0.3695	0.3695
2030	PA1	BC -2030	15.4855	29.9374	0.3849	0.3849
		AC - P1SB - 2030	7.5163	10.6126	0.2414	0.2414

One San Pedro Specific Plan
Construction Localized Criteria Pollutant Summary - Scenario B Unmitigated

Emissions by Phase, Planning Area, and Year

Scenario B

			NOx	CO	PM10 Total	PM2.5 Total
			lbs/day			
2031	PA2	Site Prep - 2031	33.4746	89.859	2.7593	1.1028
		Grading - 2031	10.2984	0.0165	0	0
		Utilities -2031	65.5257	144.3209	3.6301	1.7381
2032	PA2	BC - 2032	15.9194	30.5992	0.3988	0.3988
		Utilities - 2032	48.4853	107.1975	1.3655	1.3655
		Paving - 2032	25.5264	52.1323	0.9292	0.9292
2033	PA2	BC - 2033	15.9194	30.5992	0.3988	0.3988
2034	PA2	BC - 2034	15.9194	30.5992	0.3988	0.3988
		AC - P2SB - 2034	8.658	13.0096	0.2685	0.2685
	PA3	Demolition - 2034	3.5173	9.6689	3.2553	0.5721
		Site Prep - 2034	0.4401	0.7065	0.0563	0.0227
		Grading - 2034	9.5167	15.7961	2.4387	0.5467
		Utilities - 2034	4.6963	11.883	0.1359	0.1359
		BC - 2034	1.9809	4.1237	0.0444	0.0444
		Paving - 2034	0.9551	2.5855	0.0314	0.0314
2035	PA2	BC-2035	13.5628	30.5482	0.2587	0.2587
		AC - P2SA - 2035	14.0717	8.1266	0.2119	0.2119
	PA3	BC - 2035	1.7537	4.1186	0.0278	0.0278
2036	PA3	BC - 2036	1.7537	4.1186	0.0278	0.0278
		AC - P3SB - 2036	0	0	0	0
2037	PA3	BC-2037	1.7537	4.1186	0.0278	0.0278
		AC - P3SB - 2037	0.1211	2.5485	1.4013	0.3743

One San Pedro Specific Plan

Unmitigated - New Onsite - Planning Area 2 - Emissions

Onsite Emissions

	Unmitigated	Days
H- Site Prep	0.2243	9
H- Grading	1.3468	9
H-Utilities Trenching	1.0825	9
H-Building Construction	0.2031	451
H- Paving	0.8202	5
H - Architectural Coating	0.102	225
PA1 - Demolition	2.4772	121
PA1 - Site Prep	0.8743	61
PA1 - Grading	4.3044	121
PA1 - Utilities Trenching	3.3013	121
PA1 - Building Construction	1.1134	1395
PA1 - Paving	0.00429	20
PA1 - Architectural Coating	0.3695	698
PA2 - Demolition	0.8072	76
PA2 - Site Prep	0.3632	38
PA2 - Grading	1.5091	76
PA2 - Utilities Trenching	1.3655	76
PA2 - Building Construction	0.3988	878
PA2 - Paving	0.9292	20
PA2 - Architectural Coating	0.2685	439
PA3 - Demolition	0.0934	58
PA3 - Site Prep	0.0227	29
PA3 - Grading	0.3177	58
PA3 - Utilities Trenching	0.1359	58
PA3 - Building Construction	0.0444	672
PA3 - Paving	0.0503	20
PA3 - Architectural Coating	0.2685	336

Offsite Emissions

	lbs/day	days	lbs/phase	Miles	lbs/mile
H - Grading	0.0636	9	0.5734966	20	0.0286748
H - Building Const	0.00098	451	0.4418448	6.9	0.0640355
PA1 - Demo	0.0121	121	1.4681333	20	0.0734067
PA1 - Grading	0.1447	121	17.556933	20	0.8778467
PA1 - Building Const	0.0186	1395	25.9532	6.9	3.7613333
PA2 - Demo	0.0176	76	1.3438118	20	0.0671906
PA2 - Grading	0.2129	76	16.255541	20	0.8127771
PA2 - Building Const	0.0176	878	15.453835	6.9	2.2396863
PA3 - Demo	0.0278	58	1.6254824	20	0.0812741
PA3 - Grading	0.2725	58	15.933235	20	0.7966618
PA3 - Building Const	0.0254	672	17.079259	6.9	2.4752549

One San Pedro Specific Plan
Unmitigated Operational LST Emmissions

	Nox	CO	PM10	PM2.5
Operational lbs/day				
Harbor	0.0446	3.8739	0.0215	0.0215
	SA1			
PA1	0.4449	30.9937	0.17853	0.17853
PA2	0.6637	49.4554	0.28195	0.28195
PA3	0.6213	47.6234	0.27031	0.27031
	SA2			
PA1	0.5356	37.1954	0.21441	0.21441
PA2	0.7547	55.4883	0.31709	0.31709
PA3	0.4397	35.4009	0.19929	0.19929

	Nox	CO	PM10	PM2.5
Harbor	0.000234	0.020338	0.000113	0.000113
PA1	0.002336	0.162714	0.000937	0.000937
PA2	0.003484	0.259636	0.00148	0.00148
PA3	0.003262	0.250019	0.001419	0.001419

Assumptions and Constants:

365	days per year
453.59237	conversion from lbs to grams
24	hrs per day ops
60	minutes per hour
60	seconds per minute

One San Pedro Specific Plan
PA1 Construction - Unmitigated
CalEEMod Summary

Max Daily - PA1

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Demolition - 2024	6.6294	57.2103	86.2099	0.15559	2.4226	2.49445	4.9171	0.5001	2.36614	2.8662
Onsite	6.3501	55.1976	83.1314	0.1479	1.2714	2.4772	3.7486	0.1925	2.3498	2.5423
Offsite	0.2793	2.0127	3.0785	0.00769	1.1512	0.01725	1.1685	0.3076	0.01634	0.3239
Site Prep - 2024	1.4243	12.6816	11.0404	0.01542	0.2236	0.87559	1.0991	0.0593	0.80559	0.8649
Onsite	1.36	12.6376	10.3687	0.0135	0	0.8743	0.8743	0	0.8044	0.8044
Offsite	0.0643	0.044	0.6717	0.00192	0.2236	0.00129	0.2248	0.0593	0.00119	0.0605
Grading - 2024	12.527	120.5449	150.6168	0.3474	6.8112	4.45843	11.2696	1.5002	4.26549	5.7657
Onsite	11.7961	98.2852	141.0662	0.2351	2.121	4.3044	6.4254	0.229	4.1185	4.3475
Offsite	0.7309	22.2597	9.5506	0.1123	4.6902	0.15403	4.8442	1.2712	0.14699	1.4182
Grading -2025	11.6311	112.0432	148.8801	0.3451	6.8113	3.79838	10.6095	1.5002	3.63588	5.1361
Onsite	10.9323	89.9559	139.5849	0.2351	2.121	3.6445	5.7655	0.229	3.489	3.718
Offsite	0.6988	22.0873	9.2952	0.11	4.6903	0.15388	4.844	1.2712	0.14688	1.4181
Utilities - 2025	9.513	79.3409	113.678	0.23297	0.6707	3.30498	3.9756	0.1779	3.13168	3.3096
Onsite	9.3321	79.2224	111.804	0.2274	0	3.3013	3.3013	0	3.1283	3.1283
Offsite	0.1809	0.1185	1.874	0.00557	0.6707	0.00368	0.6743	0.1779	0.00338	0.1813
BC - 2025	4.5661	31.5357	47.0582	0.1217	6.242	1.1629	7.4049	1.6692	1.0971	2.7664
Onsite	2.9437	26.733	29.9162	0.0578	0	1.1134	1.1134	0	1.0509	1.0509
Offsite	1.6224	4.8027	17.142	0.0639	6.242	0.0495	6.2915	1.6692	0.0462	1.7155
BC-2026	4.4777	31.416	46.0581	0.12	6.242	1.1613	7.4033	1.6692	1.0956	2.7649
Onsite	2.9437	26.733	29.9162	0.0578	0	1.1134	1.1134	0	1.0509	1.0509
Offsite	1.534	4.683	16.1419	0.0622	6.242	0.0479	6.2899	1.6692	0.0447	1.714
BC - 2027	4.3969	31.3105	45.2096	0.1183	6.242	1.1594	7.4014	1.6692	1.0939	2.7631
Onsite	2.9437	26.733	29.9162	0.0578	0	1.1134	1.1134	0	1.0509	1.0509
Offsite	1.4532	4.5775	15.2934	0.0605	6.242	0.046	6.288	1.6692	0.043	1.7122
BC-2028	4.3232	31.2206	44.5081	0.1169	6.2421	1.1574	7.3994	1.6692	1.092	2.7613
Onsite	2.9437	26.733	29.9162	0.0578	0	1.1134	1.1134	0	1.0509	1.0509
Offsite	1.3795	4.4876	14.5919	0.0591	6.2421	0.044	6.286	1.6692	0.0411	1.7104
BC - 2029	4.2506	31.1372	43.8869	0.1156	6.2421	1.1555	7.3976	1.6692	1.0903	2.7596
Onsite	2.9437	26.733	29.9162	0.0578	0	1.1134	1.1134	0	1.0509	1.0509
Offsite	1.3069	4.4042	13.9707	0.0578	6.2421	0.0421	6.2842	1.6692	0.0394	1.7087

One San Pedro Specific Plan
PA1 Construction - Unmitigated
CalEEMod Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
BC -2030	4.1563	19.8158	43.3728	0.1233	6.2421	0.4253	6.6674	1.6692	0.4227	2.092
Onsite	2.9183	15.4855	29.9374	0.0667	0	0.3849	0.3849	0	0.3849	0.3849
Offsite	1.238	4.3303	13.4354	0.0566	6.2421	0.0404	6.2825	1.6692	0.0378	1.7071
Paving - 2025	3.8115	32.2518	51.8311	0.0882	0.7824	1.48359	2.266	0.2075	1.40305	1.6106
Onsite	3.6005	32.1136	49.6448	0.0817	0	1.4793	1.4793	0	1.3991	1.3991
Offsite	0.211	0.1382	2.1863	0.0065	0.7824	0.00429	0.7867	0.2075	0.00395	0.2115
AC - P1SA - 2028	6.0022	8.8543	13.3169	0.02842	1.1289	0.37463	1.5036	0.2994	0.37422	0.6736
Onsite	5.7451	8.7021	10.6639	0.0198	0	0.3695	0.3695	0	0.3695	0.3695
Offsite	0.2571	0.1522	2.653	0.00862	1.1289	0.00513	1.1341	0.2994	0.00472	0.3041
AC - P1SA - 2029	5.988	8.8427	13.1942	0.02822	1.1289	0.37428	1.5032	0.2994	0.3739	0.6733
Onsite	5.7451	8.7021	10.6639	0.0198	0	0.3695	0.3695	0	0.3695	0.3695
Offsite	0.2429	0.1406	2.5303	0.00842	1.1289	0.00478	1.1337	0.2994	0.0044	0.3038
AC - P1SA - 2030	5.8099	7.6468	13.0369	0.02804	1.1289	0.24586	1.3748	0.2994	0.24551	0.5449
Onsite	5.5805	7.5163	10.6126	0.0198	0	0.2414	0.2414	0	0.2414	0.2414
Offsite	0.2294	0.1305	2.4243	0.00824	1.1289	0.00446	1.1334	0.2994	0.00411	0.3035
AC - P1SB - 2028	6.8974	8.8543	13.3169	0.02842	1.1289	0.37463	1.5036	0.2994	0.37422	0.6736
Onsite	6.6403	8.7021	10.6639	0.0198	0	0.3695	0.3695	0	0.3695	0.3695
Offsite	0.2571	0.1522	2.653	0.00862	1.1289	0.00513	1.1341	0.2994	0.00472	0.3041
AC - P1SB - 2029	6.8832	8.8427	13.1942	0.02822	1.1289	0.37428	1.5032	0.2994	0.3739	0.6733
Onsite	6.6403	8.7021	10.6639	0.0198	0	0.3695	0.3695	0	0.3695	0.3695
Offsite	0.2429	0.1406	2.5303	0.00842	1.1289	0.00478	1.1337	0.2994	0.0044	0.3038
AC - P1SB - 2030	6.7051	7.6468	13.0369	0.02804	1.1289	0.24586	1.3748	0.2994	0.24551	0.5449
Onsite	6.4757	7.5163	10.6126	0.0198	0	0.2414	0.2414	0	0.2414	0.2414
Offsite	0.2294	0.1305	2.4243	0.00824	1.1289	0.00446	1.1334	0.2994	0.00411	0.3035

One San Pedro Specific Plan
PA1 Construction - Unmitigated
CalEEMod Summary

Demolition - 2024

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	1.2714	0	1.2714	0.1925	0	0.1925
Off-Road	6.3501	55.1976	83.1314	0.1479	0	2.4772	2.4772	0	2.3498	2.3498
Hauling	0.0222	1.8368	0.3919	0	0.257	0.0121	0.2691	0.0704	0.0116	0.082
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2571	0.1759	2.6866	0.00769	0.8942	0.00515	0.8994	0.2372	0.00474	0.2419
Total	6.6294	57.2103	86.2099	0.15559	2.4226	2.49445	4.9171	0.5001	2.36614	2.8662

Site Prep - 2024

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	1.36	12.6376	10.3687	0.0135	0	0.8743	0.8743	0	0.8044	0.8044
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.0643	0.044	0.6717	0.00192	0.2236	0.00129	0.2248	0.0593	0.00119	0.0605
Total	1.4243	12.6816	11.0404	0.01542	0.2236	0.87559	1.0991	0.0593	0.80559	0.8649

Grading - 2024

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	2.121	0	2.121	0.229	0	0.229
Off-Road	11.7961	98.2852	141.0662	0.2351	0	4.3044	4.3044	0	4.1185	4.1185
Hauling	0.2649	21.9408	4.6811	0.0984	3.0694	0.1447	3.2141	0.8414	0.1384	0.9798
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.466	0.3189	4.8695	0.0139	1.6208	0.00933	1.6301	0.4298	0.00859	0.4384
Total	12.527	120.5449	150.6168	0.3474	6.8112	4.45843	11.2696	1.5002	4.26549	5.7657

One San Pedro Specific Plan
PA1 Construction - Unmitigated
CalEEMod Summary

Grading -2025

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	2.121	0	2.121	0.229	0	0.229
Off-Road	10.9323	89.9559	139.5849	0.2351	0	3.6445	3.6445	0	3.489	3.489
Hauling	0.2617	21.801	4.7664	0.0965	3.0695	0.145	3.2144	0.8414	0.1387	0.9801
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.4371	0.2863	4.5288	0.0135	1.6208	0.00888	1.6296	0.4298	0.00818	0.438
Total	11.6311	112.0432	148.8801	0.3451	6.8113	3.79838	10.6095	1.5002	3.63588	5.1361

Utilities - 2025

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	9.3321	79.2224	111.804	0.2274	0	3.3013	3.3013	0	3.1283	3.1283
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1809	0.1185	1.874	0.00557	0.6707	0.00368	0.6743	0.1779	0.00338	0.1813
Total	9.513	79.3409	113.678	0.23297	0.6707	3.30498	3.9756	0.1779	3.13168	3.3096

BC - 2025

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	2.9437	26.733	29.9162	0.0578	0	1.1134	1.1134	0	1.0509	1.0509
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.1031	3.8077	1.4006	0.0171	0.6085	0.0186	0.6271	0.1752	0.0178	0.193
Worker	1.5193	0.995	15.7414	0.0468	5.6335	0.0309	5.6644	1.494	0.0284	1.5225
Total	4.5661	31.5357	47.0582	0.1217	6.242	1.1629	7.4049	1.6692	1.0971	2.7664

One San Pedro Specific Plan
PA1 Construction - Unmitigated
CalEEMod Summary

BC-2026

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	2.9437	26.733	29.9162	0.0578	0	1.1134	1.1134	0	1.0509	1.0509
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.1005	3.7802	1.3808	0.0168	0.6085	0.0186	0.6271	0.1752	0.0178	0.193
Worker	1.4335	0.9028	14.7611	0.0454	5.6335	0.0293	5.6628	1.494	0.0269	1.521
Total	4.4777	31.416	46.0581	0.12	6.242	1.1613	7.4033	1.6692	1.0956	2.7649

BC - 2027

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	2.9437	26.733	29.9162	0.0578	0	1.1134	1.1134	0	1.0509	1.0509
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0983	3.7527	1.3646	0.0164	0.6085	0.0185	0.627	0.1752	0.0177	0.1929
Worker	1.3549	0.8248	13.9288	0.0441	5.6335	0.0275	5.661	1.494	0.0253	1.5193
Total	4.3969	31.3105	45.2096	0.1183	6.242	1.1594	7.4014	1.6692	1.0939	2.7631

BC-2028

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	2.9437	26.733	29.9162	0.0578	0	1.1134	1.1134	0	1.0509	1.0509
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0965	3.7283	1.3533	0.0161	0.6086	0.0184	0.6269	0.1752	0.0176	0.1928
Worker	1.283	0.7593	13.2386	0.043	5.6335	0.0256	5.6591	1.494	0.0235	1.5176
Total	4.3232	31.2206	44.5081	0.1169	6.2421	1.1574	7.3994	1.6692	1.092	2.7613

One San Pedro Specific Plan
PA1 Construction - Unmitigated
CalEEMod Summary

BC - 2029

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	2.9437	26.733	29.9162	0.0578	0	1.1134	1.1134	0	1.0509	1.0509
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0948	3.7027	1.3442	0.0158	0.6086	0.0182	0.6268	0.1752	0.0174	0.1927
Worker	1.2121	0.7015	12.6265	0.042	5.6335	0.0239	5.6574	1.494	0.022	1.516
Total	4.2506	31.1372	43.8869	0.1156	6.2421	1.1555	7.3976	1.6692	1.0903	2.7596

BC -2030

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	2.9183	15.4855	29.9374	0.0667	0	0.3849	0.3849	0	0.3849	0.3849
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0935	3.6793	1.338	0.0155	0.6086	0.0181	0.6267	0.1752	0.0173	0.1926
Worker	1.1445	0.651	12.0974	0.0411	5.6335	0.0223	5.6558	1.494	0.0205	1.5145
Total	4.1563	19.8158	43.3728	0.1233	6.2421	0.4253	6.6674	1.6692	0.4227	2.092

Paving - 2025

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Off-Road	3.6005	32.1136	49.6448	0.0817	0	1.4793	1.4793	0	1.3991	1.3991
Paving	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.211	0.1382	2.1863	0.0065	0.7824	0.00429	0.7867	0.2075	0.00395	0.2115
Total	3.8115	32.2518	51.8311	0.0882	0.7824	1.48359	2.266	0.2075	1.40305	1.6106

One San Pedro Specific Plan
PA1 Construction - Unmitigated
CalEEMod Summary

AC - P1SA - 2028

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Arch. Coat	4.4246	0	0	0	0	0	0	0	0	0
Off-Road	1.3205	8.7021	10.6639	0.0198	0	0.3695	0.3695	0	0.3695	0.3695
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2571	0.1522	2.653	0.00862	1.1289	0.00513	1.1341	0.2994	0.00472	0.3041
Total	6.0022	8.8543	13.3169	0.02842	1.1289	0.37463	1.5036	0.2994	0.37422	0.6736

AC - P1SA - 2029

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Arch. Coating	4.4246	0	0	0	0	0	0	0	0	0
Off-Road	1.3205	8.7021	10.6639	0.0198	0	0.3695	0.3695	0	0.3695	0.3695
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2429	0.1406	2.5303	0.00842	1.1289	0.00478	1.1337	0.2994	0.0044	0.3038
Total	5.988	8.8427	13.1942	0.02822	1.1289	0.37428	1.5032	0.2994	0.3739	0.6733

AC - P1SA - 2030

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Arch. Coating	4.4246	0	0	0	0	0	0	0	0	0
Off-Road	1.1559	7.5163	10.6126	0.0198	0	0.2414	0.2414	0	0.2414	0.2414
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2294	0.1305	2.4243	0.00824	1.1289	0.00446	1.1334	0.2994	0.00411	0.3035
Total	5.8099	7.6468	13.0369	0.02804	1.1289	0.24586	1.3748	0.2994	0.24551	0.5449

One San Pedro Specific Plan
PA1 Construction - Unmitigated
CalEEMod Summary

AC - P1SB - 2028

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Arch. Coating	5.3198	0	0	0	0	0	0	0	0	0
Off-Road	1.3205	8.7021	10.6639	0.0198	0	0.3695	0.3695	0	0.3695	0.3695
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2571	0.1522	2.653	0.00862	1.1289	0.00513	1.1341	0.2994	0.00472	0.3041
Total	6.8974	8.8543	13.3169	0.02842	1.1289	0.37463	1.5036	0.2994	0.37422	0.6736

AC - P1SB - 2029

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Arch. Coating	5.3198	0	0	0	0	0	0	0	0	0
Off-Road	1.3205	8.7021	10.6639	0.0198	0	0.3695	0.3695	0	0.3695	0.3695
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2429	0.1406	2.5303	0.00842	1.1289	0.00478	1.1337	0.2994	0.0044	0.3038
Total	6.8832	8.8427	13.1942	0.02822	1.1289	0.37428	1.5032	0.2994	0.3739	0.6733

AC - P1SB - 2030

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Arch. Coating	5.3198	0	0	0	0	0	0	0	0	0
Off-Road	1.1559	7.5163	10.6126	0.0198	0	0.2414	0.2414	0	0.2414	0.2414
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2294	0.1305	2.4243	0.00824	1.1289	0.00446	1.1334	0.2994	0.00411	0.3035
Total	6.7051	7.6468	13.0369	0.02804	1.1289	0.24586	1.3748	0.2994	0.24551	0.5449

One San Pedro Specific Plan
PA1 Construction - Unmitigated
CalEEMod Winter

Construction for Scenario A and B were modeled together. As construction schedule and equipipment does not change between scenarios, the only differes is the amount of architectural coating application. Therefore the architectural coating phases for each Scenario are called out as a separate phase in the CalEEMod modeling. Therefore, the Summaries in the CalEEMod output will overestimate emissions from architectural coating as the model assumes both scenarios are being coated at the same time.

One San Pedro Specific Plan
PA1 Construction - Unmitigated
CalEEMod Winter

Demolition - 2024 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						1.2714	0	1.2714	0.1925	0	0.1925
Off-Road		6.3457	55.1726	83.08	0.1477		2.4769	2.4769		2.3495	2.3495
Hauling		0.0214	1.8368	0.3919	8.2400e-003	0.257	1.21E-02	0.2691	0.0704	1.16E-02	0.082
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2571	0.1759	2.4716	7.29E-03	0.8942	5.15E-03	0.8994	0.2372	4.74E-03	0.2419
Total		6.6242	57.1853	85.9435	0.15499	2.4226	2.49415	4.9168	0.5001	2.36584	2.8659

Site Prep - 2024 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						0	0	0	0	0	0
Off-Road		1.36	12.6376	10.3687	0.0135		0.8743	0.8743		0.8044	0.8044
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0643	0.044	0.6179	1.82E-03	0.2236	1.29E-03	0.2248	0.0593	1.19E-03	0.0605
Total		1.4243	12.6816	10.9866	0.01532	0.2236	0.87559	1.0991	0.0593	0.80559	0.8649

Grading - 2024 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						2.121	0	2.121	0.229	0	0.229
Off-Road		11.7826	98.1559	140.8669	0.2347		4.2996	4.2996		4.1141	4.1141
Hauling		0.255	21.9408	4.6811	0.0984	3.0694	0.1447	3.2141	0.8414	0.1384	0.9798
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.466	0.3189	4.4798	0.0132	1.6208	9.33E-03	1.6301	0.4298	8.59E-03	0.4384
Total		12.5036	120.4156	150.0278	0.3463	6.8112	4.45363	11.2648	1.5002	4.26109	5.7613

One San Pedro Specific Plan
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CalEEMod Winter

Grading -2025 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					2.121	0	2.121	0.229	0	0.229
Off-Road	10.92	89.8457	139.3914	0.2347		3.6405	3.6405		3.4853	3.4853
Hauling	0.2519	21.801	4.7664	0.0965	3.0695	0.145	3.2144	0.8414	0.1387	0.9801
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.4371	0.2863	4.1696	0.0128	1.6208	8.88E-03	1.6296	0.4298	8.18E-03	0.438
Total	11.609	111.933	148.3274	0.344	6.8113	3.79438	10.6055	1.5002	3.63218	5.1324

Utilities - 2025 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust										
Off-Road	9.3321	79.2224	111.804	0.2274		3.3013	3.3013		3.1283	3.1283
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1809	0.1185	1.7253	5.28E-03	0.6707	3.68E-03	0.6743	0.1779	3.38E-03	0.1813
Total	9.513	79.3409	113.5293	0.23268	0.6707	3.30498	3.9756	0.1779	3.13168	3.3096

BC - 2025 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust										
Off-Road	2.9437	26.733	29.9069	0.0578		1.1134	1.1134		1.0509	1.0509
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.099	3.8077	1.4006	0.0171	0.6085	0.0186	0.6271	0.1752	0.0178	0.193
Worker	1.5193	0.995	14.4928	0.0443	5.6335	0.0309	5.6644	1.494	0.0284	1.5225
Total	4.562	31.5357	45.8003	0.1192	6.242	1.1629	7.4049	1.6692	1.0971	2.7664

One San Pedro Specific Plan
PA1 Construction - Unmitigated
CalEEMod Winter

BC-2026 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust										
Off-Road	2.9437	26.733	29.9069	0.0578		1.1134	1.1134		1.0509	1.0509
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0963	3.7802	1.3808	0.0168	0.6085	0.0186	0.6271	0.1752	0.0178	0.193
Worker	1.4335	0.9028	13.5981	0.043	5.6335	0.0293	5.6628	1.494	0.0269	1.521
Total	4.4735	31.416	44.8858	0.1176	6.242	1.1613	7.4033	1.6692	1.0956	2.7649

BC - 2027 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust										
Off-Road	2.9437	26.733	29.9069	0.0578		1.1134	1.1134		1.0509	1.0509
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.094	3.7527	1.3646	0.0164	0.6085	0.0185	0.627	0.1752	0.0177	0.1929
Worker	1.3549	0.8248	12.8376	0.0418	5.6335	0.0275	5.661	1.494	0.0253	1.5193
Total	4.3926	31.3105	44.1091	0.116	6.242	1.1594	7.4014	1.6692	1.0939	2.7631

BC-2028 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust										
Off-Road	2.9437	26.733	29.9069	0.0578		1.1134	1.1134		1.0509	1.0509
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0921	3.7283	1.3533	0.0161	0.6086	0.0184	0.6269	0.1752	0.0176	0.1928
Worker	1.283	0.7593	12.207	0.0408	5.6335	0.0256	5.6591	1.494	0.0235	1.5176
Total	4.3188	31.2206	43.4672	0.1147	6.2421	1.1574	7.3994	1.6692	1.092	2.7613

One San Pedro Specific Plan
PA1 Construction - Unmitigated
CalEEMod Winter

BC - 2029 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		2.9437	26.733	29.9069	0.0578		1.1134	1.1134		1.0509	1.0509
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.0903	3.7027	1.3442	0.0158	0.6086	0.0182	0.6268	0.1752	0.0174	0.1927
Worker		1.2121	0.7015	11.6461	0.0398	5.6335	0.0239	5.6574	1.494	0.022	1.516
Total		4.2461	31.1372	42.8972	0.1134	6.2421	1.1555	7.3976	1.6692	1.0903	2.7596

BC -2030 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		2.917	15.4775	29.9216	0.0667		0.3846	0.3846		0.3846	0.3846
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.0889	3.6793	1.338	0.0155	0.6086	0.0181	0.6267	0.1752	0.0173	0.1926
Worker		1.1445	0.651	11.1613	0.039	5.6335	0.0223	5.6558	1.494	0.0205	1.5145
Total		4.1504	19.8078	42.4209	0.1212	6.2421	0.425	6.6671	1.6692	0.4224	2.0917

Paving - 2025 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Off-Road		3.6005	32.1136	49.6448	0.0817		1.4793	1.4793		1.3991	1.3991
Paving		0					0	0		0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.211	0.1382	2.0129	6.16E-03	0.7824	4.29E-03	0.7867	0.2075	3.95E-03	0.2115
Total		3.8115	32.2518	51.6577	0.08786	0.7824	1.48359	2.266	0.2075	1.40305	1.6106

One San Pedro Specific Plan
PA1 Construction - Unmitigated
CalEEMod Winter

AC - P1SA - 2028 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coat		4.4246					0	0		0	0
Off-Road		1.3205	8.7021	10.6639	0.0198		0.3695	0.3695		0.3695	0.3695
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2571	0.1522	2.4462	8.17E-03	1.1289	5.13E-03	1.1341	0.2994	4.72E-03	0.3041
Total		6.0022	8.8543	13.1101	0.02797	1.1289	0.37463	1.5036	0.2994	0.37422	0.6736

AC - P1SA - 2029 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		4.4246					0	0		0	0
Off-Road		1.3205	8.7021	10.6639	0.0198		0.3695	0.3695		0.3695	0.3695
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2429	0.1406	2.3338	7.98E-03	1.1289	4.78E-03	1.1337	0.2994	4.40E-03	0.3038
Total		5.988	8.8427	12.9977	0.02778	1.1289	0.37428	1.5032	0.2994	0.3739	0.6733

AC - P1SA - 2030 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		4.4246					0	0		0	0
Off-Road		1.1559	7.5163	10.6126	0.0198		0.2414	0.2414		0.2414	0.2414
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2294	0.1305	2.2367	7.81E-03	1.1289	4.46E-03	1.1334	0.2994	4.11E-03	0.3035
Total		5.8099	7.6468	12.8493	0.02761	1.1289	0.24586	1.3748	0.2994	0.24551	0.5449

One San Pedro Specific Plan
PA1 Construction - Unmitigated
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AC - P1SB - 2028 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		5.3198					0	0		0	0
Off-Road		1.3205	8.7021	10.6639	0.0198	0	0.3695	0.3695	0	0.3695	0.3695
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2571	0.1522	2.4462	0.00817	1.1289	0.00513	1.1341	0.2994	0.00472	0.3041
Total		6.8974	8.8543	13.1101	0.02797	1.1289	0.37463	1.5036	0.2994	0.37422	0.6736

AC - P1SB - 2029 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		5.3198					0	0		0	0
Off-Road		1.3205	8.7021	10.6639	0.0198	0	0.3695	0.3695	0	0.3695	0.3695
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2429	0.1406	2.3338	0.00798	1.1289	0.00478	1.1337	0.2994	0.0044	0.3038
Total		6.8832	8.8427	12.9977	0.02778	1.1289	0.37428	1.5032	0.2994	0.3739	0.6733

AC - P1SB - 2030 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		5.3198					0	0		0	0
Off-Road		1.1559	7.5163	10.6126	0.0198	0	0.2414	0.2414	0	0.2414	0.2414
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2294	0.1305	2.2367	0.00781	1.1289	0.00446	1.1334	0.2994	0.00411	0.3035
Total		6.7051	7.6468	12.8493	0.02761	1.1289	0.24586	1.3748	0.2994	0.24551	0.5449

One San Pedro Specific Plan
PA1 Construction - Unmitigated
CalEEMod Summer

Demolition - 2024 Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					1.2714	0	1.2714	0.1925	0	0.1925
Off-Road	6.3501	55.1976	83.1314	0.1479		2.4772	2.4772		2.3498	2.3498
Hauling	0.0222	1.764	0.3894	8.2300e-003	0.257	1.21E-02	0.2691	0.0704	1.16E-02	0.082
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2385	0.1593	2.6866	7.69E-03	0.8942	5.15E-03	0.8994	0.2372	4.74E-03	0.2419
Total	6.6108	57.1209	86.2074	0.15559	2.4226	2.49445	4.9171	0.5001	2.36614	2.8662

Site Prep - 2024 Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					0	0	0	0	0	0
Off-Road	1.36	12.6376	10.3687	0.0135		0.8743	0.8743		0.8044	0.8044
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.0596	0.0398	0.6717	1.92E-03	0.2236	1.29E-03	0.2248	0.0593	1.19E-03	0.0605
Total	1.4196	12.6774	11.0404	0.01542	0.2236	0.87559	1.0991	0.0593	0.80559	0.8649

Grading - 2024 Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					2.121	0	2.121	0.229	0	0.229
Off-Road	11.7961	98.2852	141.0662	0.2351		4.3044	4.3044		4.1185	4.1185
Hauling	0.2649	21.0717	4.6514	0.0984	3.0694	0.1446	3.2139	0.8414	0.1383	0.9796
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.4323	0.2887	4.8695	0.0139	1.6208	9.33E-03	1.6301	0.4298	8.59E-03	0.4384
Total	12.4933	119.6456	150.5871	0.3474	6.8112	4.45833	11.2694	1.5002	4.26539	5.7655

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Grading -2025 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						2.121	0	2.121	0.229	0	0.229
Off-Road		10.9323	89.9559	139.5849	0.2351		3.6445	3.6445		3.489	3.489
Hauling		0.2617	20.9371	4.7369	0.0965	3.0695	0.1448	3.2143	0.8414	0.1386	0.9799
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.4041	0.2593	4.5288	0.0135	1.6208	8.88E-03	1.6296	0.4298	8.18E-03	0.438
Total		11.5981	111.1523	148.8506	0.3451	6.8113	3.79818	10.6094	1.5002	3.63578	5.1359

Utilities - 2025 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		9.3321	79.2224	111.804	0.2274		3.3013	3.3013		3.1283	3.1283
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1672	0.1073	1.874	5.57E-03	0.6707	3.68E-03	0.6743	0.1779	3.38E-03	0.1813
Total		9.4993	79.3297	113.678	0.23297	0.6707	3.30498	3.9756	0.1779	3.13168	3.3096

BC - 2025 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		2.9426	26.7307	29.9162	0.0578		1.1125	1.1125		1.0501	1.0501
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.1031	3.6365	1.3572	0.0171	0.6085	0.0185	0.627	0.1752	0.0177	0.1929
Worker		1.4047	0.9013	15.7414	0.0468	5.6335	0.0309	5.6644	1.494	0.0284	1.5225
Total		4.4504	31.2685	47.0148	0.1217	6.242	1.1619	7.4039	1.6692	1.0962	2.7655

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CalEEMod Summer

BC-2026 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		2.9426	26.7307	29.9162	0.0578		1.1125	1.1125		1.0501	1.0501
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.1005	3.6099	1.3379	0.0167	0.6085	0.0185	0.627	0.1752	0.0177	0.1929
Worker		1.3207	0.8179	14.7611	0.0454	5.6335	0.0293	5.6628	1.494	0.0269	1.521
Total		4.3638	31.1585	46.0152	0.1199	6.242	1.1603	7.4023	1.6692	1.0947	2.764

BC - 2027 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		2.9426	26.7307	29.9162	0.0578		1.1125	1.1125		1.0501	1.0501
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.0983	3.5832	1.3222	0.0164	0.6085	0.0184	0.6269	0.1752	0.0176	0.1928
Worker		1.2445	0.7474	13.9288	0.0441	5.6335	0.0275	5.661	1.494	0.0253	1.5193
Total		4.2854	31.0613	45.1672	0.1183	6.242	1.1584	7.4004	1.6692	1.093	2.7622

BC-2028 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		2.9426	26.7307	29.9162	0.0578		1.1125	1.1125		1.0501	1.0501
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.0965	3.5595	1.3113	0.0161	0.6086	0.0183	0.6268	0.1752	0.0175	0.1927
Worker		1.1753	0.6882	13.2386	0.043	5.6335	0.0256	5.6591	1.494	0.0235	1.5176
Total		4.2144	30.9784	44.4661	0.1169	6.2421	1.1564	7.3984	1.6692	1.0911	2.7604

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BC - 2029 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		2.9426	26.7307	29.9162	0.0578		1.1125	1.1125		1.0501	1.0501
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.0948	3.5347	1.3025	0.0158	0.6086	0.0182	0.6267	0.1752	0.0174	0.1926
Worker		1.1075	0.6361	12.6265	0.042	5.6335	0.0239	5.6574	1.494	0.022	1.516
Total		4.1449	30.9015	43.8452	0.1156	6.2421	1.1546	7.3966	1.6692	1.0895	2.7587

BC -2030 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		2.9183	15.4855	29.9374	0.0667		0.3849	0.3849		0.3849	0.3849
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.0935	3.512	1.2968	0.0155	0.6086	0.018	0.6266	0.1752	0.0172	0.1925
Worker		1.0433	0.5905	12.0974	0.0411	5.6335	0.0223	5.6558	1.494	0.0205	1.5145
Total		4.0551	19.588	43.3316	0.1233	6.2421	0.4252	6.6673	1.6692	0.4226	2.0919

Paving - 2025 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Off-Road		3.5975	32.0857	49.6084	0.0817		1.4778	1.4778		1.3977	1.3977
Paving		0					0	0		0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1951	0.1252	2.1863	6.50E-03	0.7824	4.29E-03	0.7867	0.2075	3.95E-03	0.2115
Total		3.7926	32.2109	51.7947	0.0882	0.7824	1.48209	2.2645	0.2075	1.40165	1.6092

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AC - P1SA - 2028 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coat		4.4246					0	0		0	0
Off-Road		1.3205	8.7021	10.6639	0.0198		0.3695	0.3695		0.3695	0.3695
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2355	0.1379	2.653	8.62E-03	1.1289	5.13E-03	1.1341	0.2994	4.72E-03	0.3041
Total		5.9806	8.84	13.3169	0.02842	1.1289	0.37463	1.5036	0.2994	0.37422	0.6736

AC - P1SA - 2029 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		4.4246					0	0		0	0
Off-Road		1.3205	8.7021	10.6639	0.0198		0.3695	0.3695		0.3695	0.3695
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2219	0.1275	2.5303	8.42E-03	1.1289	4.78E-03	1.1337	0.2994	4.40E-03	0.3038
Total		5.967	8.8296	13.1942	0.02822	1.1289	0.37428	1.5032	0.2994	0.3739	0.6733

AC - P1SA - 2030 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		4.4246					0	0		0	0
Off-Road		1.1559	7.5163	10.6126	0.0198		0.2414	0.2414		0.2414	0.2414
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2091	0.1183	2.4243	8.24E-03	1.1289	4.46E-03	1.1334	0.2994	4.11E-03	0.3035
Total		5.7896	7.6346	13.0369	0.02804	1.1289	0.24586	1.3748	0.2994	0.24551	0.5449

One San Pedro Specific Plan
PA1 Construction - Unmitigated
CalEEMod Summer

AC - P1SB - 2028 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		5.3198					0	0		0	0
Off-Road		1.3205	8.7021	10.6639	0.0198	0	0.3695	0.3695	0	0.3695	0.3695
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2355	0.1379	2.653	0.00862	1.1289	0.00513	1.1341	0.2994	0.00472	0.3041
Total		6.8758	8.84	13.3169	0.02842	1.1289	0.37463	1.5036	0.2994	0.37422	0.6736

AC - P1SB - 2029 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		5.3198					0	0		0	0
Off-Road		1.3205	8.7021	10.6639	0.0198	0	0.3695	0.3695	0	0.3695	0.3695
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2219	0.1275	2.5303	0.00842	1.1289	0.00478	1.1337	0.2994	0.0044	0.3038
Total		6.8622	8.8296	13.1942	0.02822	1.1289	0.37428	1.5032	0.2994	0.3739	0.6733

AC - P1SB - 2030 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		5.3198					0	0		0	0
Off-Road		1.1559	7.5163	10.6126	0.0198	0	0.2414	0.2414	0	0.2414	0.2414
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2091	0.1183	2.4243	0.00824	1.1289	0.00446	1.1334	0.2994	0.00411	0.3035
Total		6.6848	7.6346	13.0369	0.02804	1.1289	0.24586	1.3748	0.2994	0.24551	0.5449

One San Pedro Specific Plan
PA2 Construction - Unmitigated
CalEEMod Summary

Max Daily - PA3

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Demolition - 2031	6.7124	36.201	92.3985	0.19331	3.2411	0.82817	4.0693	0.641	0.8272	1.4682
Onsite	6.509	33.4746	89.859	0.176	1.9521	0.8072	2.7593	0.2956	0.8072	1.1028
Offsite	0.2034	2.7264	2.5395	0.01731	1.289	0.02097	1.31	0.3454	0.02	0.3654
Site Prep - 2031	1.1683	7.065	10.7685	0.0181	0.2236	0.36404	0.5876	0.0593	0.36398	0.4233
Onsite	1.1253	7.0408	10.2984	0.0165	0	0.3632	0.3632	0	0.3632	0.3632
Offsite	0.043	0.0242	0.4701	0.0016	0.2236	0.00084	0.2244	0.0593	0.00078	0.0601
Grading - 2031	11.9946	97.4995	155.6997	0.4069	8.5154	1.72811	10.2435	1.9673	1.71842	3.6859
Onsite	11.3026	65.5257	144.3209	0.2636	2.121	1.5091	3.6301	0.229	1.5091	1.7381
Offsite	0.692	31.9738	11.3788	0.1433	6.3944	0.21901	6.6134	1.7383	0.20932	1.9478
BC - 2032	4.1605	19.9397	43.3096	0.1241	6.21	0.4355	6.6456	1.66	0.4331	2.0933
Onsite	3.0493	15.9194	30.5992	0.0702	0	0.3988	0.3988	0	0.3988	0.3988
Offsite	1.1112	4.0203	12.7104	0.0539	6.21	0.0367	6.2468	1.66	0.0343	1.6945
BC - 2033	4.1073	19.8941	42.965	0.1233	6.21	0.4342	6.6443	1.66	0.432	2.0921
Onsite	3.0493	15.9194	30.5992	0.0702	0	0.3988	0.3988	0	0.3988	0.3988
Offsite	1.058	3.9747	12.3658	0.0531	6.21	0.0354	6.2455	1.66	0.0332	1.6933
BC - 2034	4.0597	19.8522	42.6492	0.1225	6.2101	0.433	6.6431	1.66	0.4309	2.091
Onsite	3.0493	15.9194	30.5992	0.0702	0	0.3988	0.3988	0	0.3988	0.3988
Offsite	1.0104	3.9328	12.05	0.0523	6.2101	0.0342	6.2443	1.66	0.0321	1.6922
BC-2035	3.7938	17.4623	42.3346	0.1219	6.2101	0.2918	6.5019	1.66	0.2898	1.9498
Onsite	2.8251	13.5628	30.5482	0.0702	0	0.2587	0.2587	0	0.2587	0.2587
Offsite	0.9687	3.8995	11.7864	0.0517	6.2101	0.0331	6.2432	1.66	0.0311	1.6911
Paving - 2032	4.3527	25.6056	53.7217	0.09891	0.7824	0.93197	1.7144	0.2075	0.93175	1.1393
Onsite	4.2105	25.5264	52.1323	0.0934	0	0.9292	0.9292	0	0.9292	0.9292
Offsite	0.1422	0.0792	1.5894	0.00551	0.7824	0.00277	0.7852	0.2075	0.00255	0.2101
Utilities -2031	8.9457	48.5577	108.6078	0.22851	0.6707	1.36803	2.0387	0.1779	1.36783	1.5457
Onsite	8.8167	48.4853	107.1975	0.2237	0	1.3655	1.3655	0	1.3655	1.3655
Offsite	0.129	0.0724	1.4103	0.00481	0.6707	0.00253	0.6732	0.1779	0.00233	0.1802
Utilities - 2032	8.9386	48.5532	108.5599	0.22842	0.6707	1.36787	2.0385	0.1779	1.36768	1.5455
Onsite	8.8167	48.4853	107.1975	0.2237	0	1.3655	1.3655	0	1.3655	1.3655
Offsite	0.1219	0.0679	1.3624	0.00472	0.6707	0.00237	0.673	0.1779	0.00218	0.18

One San Pedro Specific Plan
PA2 Construction - Unmitigated
CalEEMod Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
AC - P2SA - 2034	12.7573	8.7606	15.1696	0.03142	1.1289	0.27203	1.401	0.2994	0.27175	0.5712
Onsite	12.5721	8.658	13.0096	0.0237	0	0.2685	0.2685	0	0.2685	0.2685
Offsite	0.1852	0.1026	2.16	0.00772	1.1289	0.00353	1.1325	0.2994	0.00325	0.3027
AC - P2SA - 2035	12.6795	8.2252	15.0979	0.03133	1.1289	0.21523	1.3442	0.2994	0.21497	0.5144
Onsite	12.5026	8.1266	12.9911	0.0237	0	0.2119	0.2119	0	0.2119	0.2119
Offsite	0.1769	0.0986	2.1068	0.00763	1.1289	0.00333	1.1323	0.2994	0.00307	0.3025
AC - P2SB - 2034	14.3264	8.7606	15.1696	0.03142	1.1289	0.27203	1.401	0.2994	0.27175	0.5712
Onsite	14.1412	8.658	13.0096	0.0237	0	0.2685	0.2685	0	0.2685	0.2685
Offsite	0.1852	0.1026	2.16	0.00772	1.1289	0.00353	1.1325	0.2994	0.00325	0.3027

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PA2 Construction - Unmitigated
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AC - P2SB - 2035	14.2486	8.2252	15.0979	0.03133	1.1289	0.21523	1.3442	0.2994	0.21497	0.5144
Onsite	14.0717	8.1266	12.9911	0.0237	0	0.2119	0.2119	0	0.2119	0.2119
Offsite	0.1769	0.0986	2.1068	0.00763	1.1289	0.00333	1.1323	0.2994	0.00307	0.3025

Demolition - 2031

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day										
Fugitive Dust	0	0	0	0	1.9521	0	1.9521	0.2956	0	0.2956
Off-Road	6.509	33.4746	89.859	0.176	0	0.8072	0.8072	0	0.8072	0.8072
Hauling	0.0314	2.6298	0.6592	0.0109	0.3948	0.0176	0.4124	0.1082	0.0169	0.1251
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.172	0.0966	1.8803	0.00641	0.8942	0.00337	0.8976	0.2372	0.0031	0.2403
Total	6.7124	36.201	92.3985	0.19331	3.2411	0.82817	4.0693	0.641	0.8272	1.4682

Site Prep - 2031

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day										
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	1.1253	7.0408	10.2984	0.0165	0	0.3632	0.3632	0	0.3632	0.3632
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.043	0.0242	0.4701	0.0016	0.2236	0.00084	0.2244	0.0593	0.00078	0.0601
Total	1.1683	7.065	10.7685	0.0181	0.2236	0.36404	0.5876	0.0593	0.36398	0.4233

Grading - 2031

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day										
Fugitive Dust	0	0	0	0	2.121	0	2.121	0.229	0	0.229
Off-Road	11.3026	65.5257	144.3209	0.2636	0	1.5091	1.5091	0	1.5091	1.5091
Hauling	0.3802	31.7987	7.9707	0.1317	4.7736	0.2129	4.9865	1.3085	0.2037	1.5123
Vendor	0	0	0	0	0	0	0	0	0	0

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Worker	0.3118	0.1751	3.4081	0.0116	1.6208	0.00611	1.6269	0.4298	0.00562	0.4355
Total	11.9946	97.4995	155.6997	0.4069	8.5154	1.72811	10.2435	1.9673	1.71842	3.6859

BC - 2032

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	3.0493	15.9194	30.5992	0.0702	0	0.3988	0.3988	0	0.3988	0.3988
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0871	3.4501	1.2665	0.0142	0.5765	0.0168	0.5933	0.166	0.016	0.1821
Worker	1.0241	0.5702	11.4439	0.0397	5.6335	0.0199	5.6535	1.494	0.0183	1.5124
Total	4.1605	19.9397	43.3096	0.1241	6.21	0.4355	6.6456	1.66	0.4331	2.0933

BC - 2033

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	3.0493	15.9194	30.5992	0.0702	0	0.3988	0.3988	0	0.3988	0.3988
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0866	3.4361	1.2686	0.014	0.5765	0.0167	0.5932	0.166	0.016	0.182
Worker	0.9714	0.5386	11.0972	0.0391	5.6335	0.0187	5.6523	1.494	0.0172	1.5113
Total	4.1073	19.8941	42.965	0.1233	6.21	0.4342	6.6443	1.66	0.432	2.0921

BC - 2034

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	3.0493	15.9194	30.5992	0.0702	0	0.3988	0.3988	0	0.3988	0.3988
Hauling	0	0	0	0	0	0	0	0	0	0

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PA2 Construction - Unmitigated
CalEEMod Summary

Vendor	0.0863	3.4206	1.2712	0.0138	0.5766	0.0166	0.5931	0.166	0.0159	0.1819
Worker	0.9241	0.5122	10.7788	0.0385	5.6335	0.0176	5.6512	1.494	0.0162	1.5103
Total	4.0597	19.8522	42.6492	0.1225	6.2101	0.433	6.6431	1.66	0.4309	2.091

BC-2035

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	2.8251	13.5628	30.5482	0.0702	0	0.2587	0.2587	0	0.2587	0.2587
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.086	3.4073	1.2734	0.0136	0.5766	0.0165	0.593	0.166	0.0158	0.1818
Worker	0.8827	0.4922	10.513	0.0381	5.6335	0.0166	5.6502	1.494	0.0153	1.5093
Total	3.7938	17.4623	42.3346	0.1219	6.2101	0.2918	6.5019	1.66	0.2898	1.9498

Paving - 2032

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Off-Road	4.2105	25.5264	52.1323	0.0934	0	0.9292	0.9292	0	0.9292	0.9292
Paving	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1422	0.0792	1.5894	0.00551	0.7824	0.00277	0.7852	0.2075	0.00255	0.2101
Total	4.3527	25.6056	53.7217	0.09891	0.7824	0.93197	1.7144	0.2075	0.93175	1.1393

Utilities -2031

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	8.8167	48.4853	107.1975	0.2237	0	1.3655	1.3655	0	1.3655	1.3655
Hauling	0	0	0	0	0	0	0	0	0	0

One San Pedro Specific Plan
PA2 Construction - Unmitigated
CalEEMod Summary

Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.129	0.0724	1.4103	0.00481	0.6707	0.00253	0.6732	0.1779	0.00233	0.1802
Total	8.9457	48.5577	108.6078	0.22851	0.6707	1.36803	2.0387	0.1779	1.36783	1.5457

Utilities - 2032

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	8.8167	48.4853	107.1975	0.2237	0	1.3655	1.3655	0	1.3655	1.3655
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1219	0.0679	1.3624	0.00472	0.6707	0.00237	0.673	0.1779	0.00218	0.18
Total	8.9386	48.5532	108.5599	0.22842	0.6707	1.36787	2.0385	0.1779	1.36768	1.5455

AC - P2SA - 2034

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Arch. Coat	11.2419	0	0	0	0	0	0	0	0	0
Off-Road	1.3302	8.658	13.0096	0.0237	0	0.2685	0.2685	0	0.2685	0.2685
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1852	0.1026	2.16	0.00772	1.1289	0.00353	1.1325	0.2994	0.00325	0.3027
Total	12.7573	8.7606	15.1696	0.03142	1.1289	0.27203	1.401	0.2994	0.27175	0.5712

AC - P2SA - 2035

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Arch. Coating	11.2419	0	0	0	0	0	0	0	0	0
Off-Road	1.2607	8.1266	12.9911	0.0237	0	0.2119	0.2119	0	0.2119	0.2119

One San Pedro Specific Plan
PA2 Construction - Unmitigated
CalEEMod Summary

Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1769	0.0986	2.1068	0.00763	1.1289	0.00333	1.1323	0.2994	0.00307	0.3025
Total	12.6795	8.2252	15.0979	0.03133	1.1289	0.21523	1.3442	0.2994	0.21497	0.5144

AC - P2SB - 2034

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Arch. Coating	12.811	0	0	0	0	0	0	0	0	0
Off-Road	1.3302	8.658	13.0096	0.0237	0	0.2685	0.2685	0	0.2685	0.2685
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1852	0.1026	2.16	0.00772	1.1289	0.00353	1.1325	0.2994	0.00325	0.3027
Total	14.3264	8.7606	15.1696	0.03142	1.1289	0.27203	1.401	0.2994	0.27175	0.5712

AC - P2SB - 2035

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Arch. Coating	12.811	0	0	0	0	0	0	0	0	0
Off-Road	1.2607	8.1266	12.9911	0.0237	0	0.2119	0.2119	0	0.2119	0.2119
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1769	0.0986	2.1068	0.00763	1.1289	0.00333	1.1323	0.2994	0.00307	0.3025
Total	14.2486	8.2252	15.0979	0.03133	1.1289	0.21523	1.3442	0.2994	0.21497	0.5144

One San Pedro Specific Plan
PA2 Construction - Unmitigated
CalEEMod Winter

Construction for Scenario A and B were modeled together. As construction schedule and equipipment does not change between scenarios, the only differes is the amount of architectural coating application. Therefore the architectural coating phases for each Scenario are called out as a separate phase in the CalEEMod modeling. Therefore, the Summaries in the CalEEMod output will overestimate emissions from architectural coating as the model assumes both scenarios are being coated at the same time.

One San Pedro Specific Plan
PA2 Construction - Unmitigated
CalEEMod Winter

Demolition - 2031 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					1.9521	0	1.9521	0.2956	0	0.2956
Off-Road	6.509	33.4746	89.859	0.176		0.8072	0.8072		0.8072	0.8072
Hauling	0.0302	2.6298	0.6592	1.09E-02	0.3948	1.76E-02	0.4124	0.1082	1.69E-02	0.1251
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.172	0.0966	1.7349	6.07E-03	0.8942	3.37E-03	0.8976	0.2372	3.10E-03	0.2403
Total	6.7112	36.201	92.2531	0.19297	3.2411	0.82817	4.0693	0.641	0.8272	1.4682

Site Prep - 2031 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					0	0	0	0	0	0
Off-Road	1.1253	7.0408	10.2984	0.0165		0.3632	0.3632		0.3632	0.3632
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.043	0.0242	0.4337	1.52E-03	0.2236	8.40E-04	0.2244	0.0593	7.80E-04	0.0601
Total	1.1683	7.065	10.7321	0.01802	0.2236	0.36404	0.5876	0.0593	0.36398	0.4233

Grading - 2031 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					2.121	0	2.121	0.229	0	0.229
Off-Road	11.3026	65.5257	144.3209	0.2636		1.5091	1.5091		1.5091	1.5091
Hauling	0.3648	31.7987	7.9707	0.1317	4.7736	0.2129	4.9865	1.3085	0.2037	1.5123
Vendor	0	0	0	0	0	0	0	0	0	0

One San Pedro Specific Plan
PA2 Construction - Unmitigated
CalEEMod Winter

Worker		0.3118	0.1751	3.1445	0.011	1.6208	6.11E-03	1.6269	0.4298	5.62E-03	0.4355
Total		11.9792	97.4995	155.4361	0.4063	8.5154	1.72811	10.2435	1.9673	1.71842	3.6859

BC - 2032 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		3.0493	15.9194	30.5992	0.0702		0.3988	0.3988		0.3988	0.3988
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.0826	3.4501	1.2665	0.0142	0.5765	0.0168	0.5933	0.166	0.016	0.1821
Worker		1.0241	0.5702	10.5605	0.0376	5.6335	0.0199	5.6535	1.494	0.0183	1.5124
Total		4.156	19.9397	42.4262	0.122	6.21	0.4355	6.6456	1.66	0.4331	2.0933

BC - 2033 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		3.0493	15.9194	30.5992	0.0702		0.3988	0.3988		0.3988	0.3988
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.0821	3.4361	1.2686	0.014	0.5765	0.0167	0.5932	0.166	0.016	0.182
Worker		0.9714	0.5386	10.2422	0.037	5.6335	0.0187	5.6523	1.494	0.0172	1.5113
Total		4.1028	19.8941	42.11	0.1212	6.21	0.4342	6.6443	1.66	0.432	2.0921

BC - 2034 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		3.0493	15.9194	30.5992	0.0702		0.3988	0.3988		0.3988	0.3988
Hauling		0	0	0	0	0	0	0	0	0	0

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Vendor		0.0817	3.4206	1.2712	0.0138	0.5766	0.0166	0.5931	0.166	0.0159	0.1819
Worker		0.9241	0.5122	9.9501	0.0365	5.6335	0.0176	5.6512	1.494	0.0162	1.5103
Total		4.0551	19.8522	41.8205	0.1205	6.2101	0.433	6.6431	1.66	0.4309	2.091

BC-2035 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		2.8251	13.5628	30.5482	0.0702		0.2587	0.2587		0.2587	0.2587
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.0813	3.4073	1.2734	0.0136	0.5766	0.0165	0.593	0.166	0.0158	0.1818
Worker		0.8827	0.4922	9.7062	0.0361	5.6335	0.0166	5.6502	1.494	0.0153	1.5093
Total		3.7891	17.4623	41.5278	0.1199	6.2101	0.2918	6.5019	1.66	0.2898	1.9498

Paving - 2032 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Off-Road		4.2105	25.5264	52.1323	0.0934		0.9292	0.9292		0.9292	0.9292
Paving		0					0	0		0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1422	0.0792	1.4667	5.22E-03	0.7824	2.77E-03	0.7852	0.2075	2.55E-03	0.2101
Total		4.3527	25.6056	53.599	0.09862	0.7824	0.93197	1.7144	0.2075	0.93175	1.1393

Utilities -2031 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		8.8167	48.4853	107.1975	0.2237		1.3655	1.3655		1.3655	1.3655
Hauling		0	0	0	0	0	0	0	0	0	0

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Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.129	0.0724	1.3012	4.56E-03	0.6707	2.53E-03	0.6732	0.1779	2.33E-03	0.1802
Total		8.9457	48.5577	108.4987	0.22826	0.6707	1.36803	2.0387	0.1779	1.36783	1.5457

Utilities - 2032 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		8.8167	48.4853	107.1975	0.2237		1.3655	1.3655		1.3655	1.3655
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1219	0.0679	1.2572	4.48E-03	0.6707	2.37E-03	0.673	0.1779	2.18E-03	0.18
Total		8.9386	48.5532	108.4547	0.22818	0.6707	1.36787	2.0385	0.1779	1.36768	1.5455

AC - P2SA - 2034 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coat		11.2419					0	0		0	0
Off-Road		1.3302	8.658	13.0096	0.0237		0.2685	0.2685		0.2685	0.2685
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1852	0.1026	1.994	7.32E-03	1.1289	3.53E-03	1.1325	0.2994	3.25E-03	0.3027
Total		12.7573	8.7606	15.0036	0.03102	1.1289	0.27203	1.401	0.2994	0.27175	0.5712

AC - P2SA - 2035 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		11.2419					0	0		0	0
Off-Road		1.2607	8.1266	12.9911	0.0237		0.2119	0.2119		0.2119	0.2119

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Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1769	0.0986	1.9451	7.23E-03	1.1289	3.33E-03	1.1323	0.2994	3.07E-03	0.3025
Total	12.6795	8.2252	14.9362	0.03093	1.1289	0.21523	1.3442	0.2994	0.21497	0.5144

AC - P2SB - 2034 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		12.811					0	0		0	0
Off-Road		1.3302	8.658	13.0096	0.0237	0	0.2685	0.2685	0	0.2685	0.2685
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1852	0.1026	1.994	0.00732	1.1289	0.00353	1.1325	0.2994	0.00325	0.3027
Total		14.3264	8.7606	15.0036	0.03102	1.1289	0.27203	1.401	0.2994	0.27175	0.5712

AC - P2SB - 2035 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		12.811					0	0		0	0
Off-Road		1.2607	8.1266	12.9911	0.0237	0	0.2119	0.2119	0	0.2119	0.2119
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1769	0.0986	1.9451	0.00723	1.1289	0.00333	1.1323	0.2994	0.00307	0.3025
Total		14.2486	8.2252	14.9362	0.03093	1.1289	0.21523	1.3442	0.2994	0.21497	0.5144

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Demolition - 2031 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						1.9521	0	1.9521	0.2956	0	0.2956
Off-Road		6.509	33.4746	89.859	0.176		0.8072	0.8072		0.8072	0.8072
Hauling		0.0314	2.525	0.6556	1.09E-02	0.3948	1.76E-02	0.4124	0.1082	1.68E-02	0.1251
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1565	0.0877	1.8803	6.41E-03	0.8942	3.37E-03	0.8976	0.2372	3.10E-03	0.2403
Total		6.6969	36.0873	92.3949	0.19331	3.2411	0.82817	4.0693	0.641	0.8271	1.4682

Site Prep - 2031 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						0	0	0	0	0	0
Off-Road		1.1253	7.0408	10.2984	0.0165		0.3632	0.3632		0.3632	0.3632
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0391	0.0219	0.4701	1.60E-03	0.2236	8.40E-04	0.2244	0.0593	7.80E-04	0.0601
Total		1.1644	7.0627	10.7685	0.0181	0.2236	0.36404	0.5876	0.0593	0.36398	0.4233

Grading - 2031 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						2.121	0	2.121	0.229	0	0.229
Off-Road		11.3026	65.5257	144.3209	0.2636		1.5091	1.5091		1.5091	1.5091
Hauling		0.3802	30.5317	7.9271	0.1316	4.7736	0.2128	4.9863	1.3085	0.2036	1.5121
Vendor		0	0	0	0	0	0	0	0	0	0

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Worker		0.2836	0.1589	3.4081	0.0116	1.6208	6.11E-03	1.6269	0.4298	5.62E-03	0.4355
Total		11.9664	96.2163	155.6561	0.4068	8.5154	1.72801	10.2433	1.9673	1.71832	3.6857

BC - 2032 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		3.0493	15.9194	30.5992	0.0702		0.3988	0.3988		0.3988	0.3988
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.0871	3.2922	1.2277	0.0142	0.5765	0.0167	0.5932	0.166	0.016	0.182
Worker		0.9295	0.5176	11.4439	0.0397	5.6335	0.0199	5.6535	1.494	0.0183	1.5124
Total		4.0659	19.7292	43.2708	0.1241	6.21	0.4354	6.6455	1.66	0.4331	2.0932

BC - 2033 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		3.0493	15.9194	30.5992	0.0702		0.3988	0.3988		0.3988	0.3988
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.0866	3.2783	1.2299	0.0139	0.5765	0.0166	0.5932	0.166	0.0159	0.1819
Worker		0.8796	0.4891	11.0972	0.0391	5.6335	0.0187	5.6523	1.494	0.0172	1.5113
Total		4.0155	19.6868	42.9263	0.1232	6.21	0.4341	6.6443	1.66	0.4319	2.092

BC - 2034 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		3.0493	15.9194	30.5992	0.0702		0.3988	0.3988		0.3988	0.3988
Hauling		0	0	0	0	0	0	0	0	0	0

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Vendor		0.0863	3.2629	1.2325	0.0137	0.5766	0.0165	0.5931	0.166	0.0158	0.1818
Worker		0.8348	0.4653	10.7788	0.0385	5.6335	0.0176	5.6512	1.494	0.0162	1.5103
Total		3.9704	19.6476	42.6105	0.1224	6.2101	0.4329	6.6431	1.66	0.4308	2.0909

BC-2035 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		2.8251	13.5628	30.5482	0.0702		0.2587	0.2587		0.2587	0.2587
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.086	3.2498	1.2347	0.0136	0.5766	0.0164	0.593	0.166	0.0157	0.1817
Worker		0.7953	0.4472	10.513	0.0381	5.6335	0.0166	5.6502	1.494	0.0153	1.5093
Total		3.7064	17.2598	42.2959	0.1219	6.2101	0.2917	6.5019	1.66	0.2897	1.9497

Paving - 2032 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Off-Road		4.2105	25.5264	52.1323	0.0934		0.9292	0.9292		0.9292	0.9292
Paving		0					0	0		0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1291	0.0719	1.5894	5.51E-03	0.7824	2.77E-03	0.7852	0.2075	2.55E-03	0.2101
Total		4.3396	25.5983	53.7217	0.09891	0.7824	0.93197	1.7144	0.2075	0.93175	1.1393

Utilities -2031 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		8.8167	48.4853	107.1975	0.2237		1.3655	1.3655		1.3655	1.3655
Hauling		0	0	0	0	0	0	0	0	0	0

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Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1174	0.0657	1.4103	4.81E-03	0.6707	2.53E-03	0.6732	0.1779	2.33E-03	0.1802
Total		8.9341	48.551	108.6078	0.22851	0.6707	1.36803	2.0387	0.1779	1.36783	1.5457

Utilities - 2032 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		8.8167	48.4853	107.1975	0.2237		1.3655	1.3655		1.3655	1.3655
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1107	0.0616	1.3624	4.72E-03	0.6707	2.37E-03	0.673	0.1779	2.18E-03	0.18
Total		8.9274	48.5469	108.5599	0.22842	0.6707	1.36787	2.0385	0.1779	1.36768	1.5455

AC - P2SA - 2034 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coat		11.2419					0	0		0	0
Off-Road		1.3302	8.658	13.0096	0.0237		0.2685	0.2685		0.2685	0.2685
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1673	0.0932	2.16	7.72E-03	1.1289	3.53E-03	1.1325	0.2994	3.25E-03	0.3027
Total		12.7394	8.7512	15.1696	0.03142	1.1289	0.27203	1.401	0.2994	0.27175	0.5712

AC - P2SA - 2035 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		11.2419					0	0		0	0
Off-Road		1.2607	8.1266	12.9911	0.0237		0.2119	0.2119		0.2119	0.2119

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Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1594	0.0896	2.1068	7.63E-03	1.1289	3.33E-03	1.1323	0.2994	3.07E-03	0.3025
Total		12.662	8.2162	15.0979	0.03133	1.1289	0.21523	1.3442	0.2994	0.21497	0.5144

AC - P2SB - 2034 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		12.811					0	0		0	0
Off-Road		1.3302	8.658	13.0096	0.0237	0	0.2685	0.2685	0	0.2685	0.2685
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1673	0.0932	2.16	0.00772	1.1289	0.00353	1.1325	0.2994	0.00325	0.3027
Total		14.3085	8.7512	15.1696	0.03142	1.1289	0.27203	1.401	0.2994	0.27175	0.5712

AC - P2SB - 2035 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		12.811					0	0		0	0
Off-Road		1.2607	8.1266	12.9911	0.0237	0	0.2119	0.2119	0	0.2119	0.2119
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1594	0.0896	2.1068	0.00763	1.1289	0.00333	1.1323	0.2994	0.00307	0.3025
Total		14.2311	8.2162	15.0979	0.03133	1.1289	0.21523	1.3442	0.2994	0.21497	0.5144

One San Pedro Specific Plan
PA3 Construction - Unmitigated
CalEEMod Summary

Max Daily - PA3

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Demolition - 2034	0.886	7.6775	11.0752	0.0386	3.9683	0.1212	4.09	0.6983	0.12	0.8187
Onsite	0.8087	3.5173	9.6689	0.0219	3.1619	0.0934	3.2553	0.4787	0.0934	0.5721
Offsite	0.0773	4.1602	1.4063	0.0167	0.8064	0.0278	0.8347	0.2196	0.0266	0.2466
Site Prep - 2034	0.0703	0.4401	0.7065	0	0.0335	0.0227	0.0563	0	0.0227	0.0227
Onsite	0.0703	0.4401	0.6437	0	0	0.0227	0.0227	0	0.0227	0.0227
Offsite	0	0	0.0628	0	0.0335	0	0.0336	0	0	0
Grading - 2034	2.7458	50.1289	26.8706	0.2085	8.5775	0.5902	9.1682	1.9971	0.5784	2.576
Onsite	2.2237	9.5167	15.7961	0.0455	2.121	0.3177	2.4387	0.229	0.3177	0.5467
Offsite	0.5221	40.6122	11.0745	0.163	6.4565	0.2725	6.7295	1.7681	0.2607	2.0293
BC - 2034	1.6235	7.8562	19.1549	0.0689	7.87	0.0912	7.9614	2.1073	0.0884	2.1958
Onsite	0.3551	1.9809	4.1237	0	0	0.0444	0.0444	0	0.0444	0.0444
Offsite	1.2684	5.8753	15.0312	0.0689	7.87	0.0468	7.917	2.1073	0.044	2.1514
BC - 2035	1.5474	7.5837	18.8134	0.068	7.87	0.0733	7.9433	2.1073	0.0706	2.1778
Onsite	0.3316	1.7537	4.1186	0	0	0.0278	0.0278	0	0.0278	0.0278
Offsite	1.2158	5.83	14.6948	0.068	7.87	0.0455	7.9155	2.1073	0.0428	2.15
BC - 2036	1.5474	7.5837	18.8134	0.068	7.87	0.0733	7.9433	2.1073	0.0706	2.1778
Onsite	0.3316	1.7537	4.1186	0	0	0.0278	0.0278	0	0.0278	0.0278
Offsite	1.2158	5.83	14.6948	0.068	7.87	0.0455	7.9155	2.1073	0.0428	2.15
BC-2037	1.5474	7.5837	18.8134	0.068	7.87	0.0733	7.9433	2.1073	0.0706	2.1778
Onsite	0.3316	1.7537	4.1186	0	0	0.0278	0.0278	0	0.0278	0.0278
Offsite	1.2158	5.83	14.6948	0.068	7.87	0.0455	7.9155	2.1073	0.0428	2.15
Utilities - 2034	1.0771	4.7245	12.4691	0.0268	0.313	0.1359	0.4498	0.083	0.1359	0.2198
Onsite	1.0262	4.6963	11.883	0.0268	0	0.1359	0.1359	0	0.1359	0.1359
Offsite	0.0509	0.0282	0.5861	0	0.313	0	0.3139	0.083	0	0.0839
Paving - 2034	0.2586	1.2615	2.9038	0	0.1677	0.0503	0.2185	0.0445	0.0503	0.0952
Onsite	0.2313	1.2464	2.5898	0	0	0.0503	0.0503	0	0.0503	0.0503
Offsite	0.0273	0.0151	0.314	0	0.1677	0	0.1682	0.0445	0	0.0449
Paving - 2035	0.2258	0.9696	2.8913	0	0.1677	0.0314	0.1996	0.0445	0.0314	0.0763
Onsite	0.1998	0.9551	2.5855	0	0	0.0314	0.0314	0	0.0314	0.0314
Offsite	0.026	0.0145	0.3058	0	0.1677	0	0.1682	0.0445	0	0.0449

One San Pedro Specific Plan
PA3 Construction - Unmitigated
CalEEMod Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
AC - P3SA - 2036	15.1364	0.5605	2.9165	0	1.3972	0.0171	1.4184	0.3706	0.0171	0.3914
Onsite	14.9196	0.4394	0.368	0	0	0.0171	0.0171	0	0.0171	0.0171
Offsite	0.2168	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743
AC - P3SA - 2037	15.1364	0.5605	2.9165	0	1.3972	0.0171	1.4184	0.3706	0.0171	0.3914
Onsite	14.9196	0.4394	0.368	0	0	0.0171	0.0171	0	0.0171	0.0171
Offsite	0.2168	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743
AC - P3SB - 2036	10.2182	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743
Onsite	10.0014	0	0	0	0	0	0	0	0	0
Offsite	0.2168	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743
AC - P3SB - 2037	10.2182	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743
Onsite	10.0014	0	0	0	0	0	0	0	0	0
Offsite	0.2168	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743

One San Pedro Specific Plan
PA3 Construction - Unmitigated
CalEEMod Summary

Demolition - 2034

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	3.1619	0	3.1619	0.4787	0	0.4787
Off-Road	0.8087	3.5173	9.6689	0.0219	0	0.0934	0.0934	0	0.0934	0.0934
Hauling	0.05	4.1451	1.0923	0.0167	0.6387	0.0278	0.6665	0.1751	0.0266	0.2017
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.0273	0.0151	0.314	0	0.1677	0	0.1682	0.0445	0	0.0449
Total	0.886	7.6775	11.0752	0.0386	3.9683	0.1212	4.09	0.6983	0.12	0.8187

Site Prep - 2034

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.0703	0.4401	0.6437	0	0	0.0227	0.0227	0	0.0227	0.0227
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0	0	0.0628	0	0.0335	0	0.0336	0	0	0
Total	0.0703	0.4401	0.7065	0	0.0335	0.0227	0.0563	0	0.0227	0.0227

Grading - 2034

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	2.121	0	2.121	0.229	0	0.229
Off-Road	2.2237	9.5167	15.7961	0.0455	0	0.3177	0.3177	0	0.3177	0.3177
Hauling	0.4894	40.594	10.6977	0.163	6.2553	0.2725	6.5277	1.7147	0.2607	1.9754
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.0327	0.0182	0.3768	0	0.2012	0	0.2018	0.0534	0	0.0539
Total	2.7458	50.1289	26.8706	0.2085	8.5775	0.5902	9.1682	1.9971	0.5784	2.576

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PA3 Construction - Unmitigated
CalEEMod Summary

BC - 2034

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.3551	1.9809	4.1237	0	0	0.0444	0.0444	0	0.0444	0.0444
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.1323	5.2449	1.9491	0.0211	0.884	0.0254	0.9095	0.2546	0.0243	0.2789
Worker	1.1361	0.6304	13.0821	0.0478	6.986	0.0214	7.0075	1.8527	0.0197	1.8725
Total	1.6235	7.8562	19.1549	0.0689	7.87	0.0912	7.9614	2.1073	0.0884	2.1958

BC - 2035

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.3316	1.7537	4.1186	0	0	0.0278	0.0278	0	0.0278	0.0278
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.1319	5.2245	1.9526	0.0208	0.884	0.0253	0.9093	0.2546	0.0242	0.2787
Worker	1.0839	0.6055	12.7422	0.0472	6.986	0.0202	7.0062	1.8527	0.0186	1.8713
Total	1.5474	7.5837	18.8134	0.068	7.87	0.0733	7.9433	2.1073	0.0706	2.1778

BC - 2036

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.3316	1.7537	4.1186	0	0	0.0278	0.0278	0	0.0278	0.0278
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.1319	5.2245	1.9526	0.0208	0.884	0.0253	0.9093	0.2546	0.0242	0.2787
Worker	1.0839	0.6055	12.7422	0.0472	6.986	0.0202	7.0062	1.8527	0.0186	1.8713
Total	1.5474	7.5837	18.8134	0.068	7.87	0.0733	7.9433	2.1073	0.0706	2.1778

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CalEEMod Summary

BC-2037

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.3316	1.7537	4.1186	0	0	0.0278	0.0278	0	0.0278	0.0278
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.1319	5.2245	1.9526	0.0208	0.884	0.0253	0.9093	0.2546	0.0242	0.2787
Worker	1.0839	0.6055	12.7422	0.0472	6.986	0.0202	7.0062	1.8527	0.0186	1.8713
Total	1.5474	7.5837	18.8134	0.068	7.87	0.0733	7.9433	2.1073	0.0706	2.1778

Utilities - 2034

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	1.0262	4.6963	11.883	0.0268	0	0.1359	0.1359	0	0.1359	0.1359
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.0509	0.0282	0.5861	0	0.313	0	0.3139	0.083	0	0.0839
Total	1.0771	4.7245	12.4691	0.0268	0.313	0.1359	0.4498	0.083	0.1359	0.2198

One San Pedro Specific Plan
PA3 Construction - Unmitigated
CalEEMod Summary

Paving - 2034

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Off-Road	0.2313	1.2464	2.5898	0	0	0.0503	0.0503	0	0.0503	0.0503
Paving	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.0273	0.0151	0.314	0	0.1677	0	0.1682	0.0445	0	0.0449
Total	0.2586	1.2615	2.9038	0	0.1677	0.0503	0.2185	0.0445	0.0503	0.0952

Paving - 2035

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Off-Road	0.1998	0.9551	2.5855	0	0	0.0314	0.0314	0	0.0314	0.0314
Paving	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.026	0.0145	0.3058	0	0.1677	0	0.1682	0.0445	0	0.0449
Total	0.2258	0.9696	2.8913	0	0.1677	0.0314	0.1996	0.0445	0.0314	0.0763

AC - P3SA - 2036

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Arch. Coat	14.8507	0	0	0	0	0	0	0	0	0
Off-Road	0.0689	0.4394	0.368	0	0	0.0171	0.0171	0	0.0171	0.0171
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2168	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743
Total	15.1364	0.5605	2.9165	0	1.3972	0.0171	1.4184	0.3706	0.0171	0.3914

One San Pedro Specific Plan
PA3 Construction - Unmitigated
CalEEMod Summary

AC - P3SA - 2037

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Arch. Coating	14.8507	0	0	0	0	0	0	0	0	0
Off-Road	0.0689	0.4394	0.368	0	0	0.0171	0.0171	0	0.0171	0.0171
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2168	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743
Total	15.1364	0.5605	2.9165	0	1.3972	0.0171	1.4184	0.3706	0.0171	0.3914

AC - P3SB - 2036

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Arch. Coating	10.0014	0	0	0	0	0	0	0	0	0
Off-Road	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2168	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743
Total	10.2182	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743

AC - P3SB - 2037

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Arch. Coating	10.0014	0	0	0	0	0	0	0	0	0
Off-Road	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0

One San Pedro Specific Plan
PA3 Construction - Unmitigated
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Worker	0.2168	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743
Total	10.2182	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743

One San Pedro Specific Plan
PA3 Construction - Unmitigated
CalEEMod Winter

Construction for Scenario A and B were modeled together. As construction schedule and equipipment does not change between scenarios, the only differes is the amount of architectural coating application. Therefore the architectural coating phases for each Scenario are called out as a separate phase in the CalEEMod modeling. Therefore, the Summaries in the CalEEMod output will overestimate emissions from architectural coating as the model assumes both scenarios are being coated at the same time.

One San Pedro Specific Plan
PA3 Construction - Unmitigated
CalEEMod Winter

Demolition - 2034 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day										
Fugitive Dust					3.1619	0	3.1619	0.4787	0	0.4787
Off-Road	0.8087	3.5173	9.6689	0.0219		0.0934	0.0934		0.0934	0.0934
Hauling	0.0479	4.1451	1.0923	1.67E-02	0.6387	2.78E-02	0.6665	0.1751	2.66E-02	0.2017
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.0273	0.0151	0.2898	1.0900e-003	0.1677	5.1000e-004	0.1682	0.0445	4.7000e-004	0.0449
Total	0.8839	7.6775	11.051	0.0386	3.9683	0.1212	4.09	0.6983	0.12	0.8187

Site Prep - 2034 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day										
Fugitive Dust					0	0	0	0	0	0
Off-Road	0.0703	0.4401	0.6437	1.0300e-003		0.0227	0.0227		0.0227	0.0227
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	5.4500e-003	3.0300e-003	0.058	2.2000e-004	0.0335	1.0000e-004	0.0336	8.8900e-003	9.0000e-005	8.9900e-003
Total	0.0703	0.4401	0.7017	0	0.0335	0.0227	0.0563	0	0.0227	0.0227

Grading - 2034 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day										
Fugitive Dust					2.121	0	2.121	0.229	0	0.229
Off-Road	2.2237	9.5167	15.7961	0.0455		0.3177	0.3177		0.3177	0.3177
Hauling	0.4689	40.594	10.6977	0.163	6.2553	0.2725	6.5277	1.7147	0.2607	1.9754
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.0327	0.0182	0.3478	1.3000e-003	0.2012	6.2000e-004	0.2018	0.0534	5.7000e-004	0.0539
Total	2.7253	50.1289	26.8416	0.2085	8.5775	0.5902	9.1682	1.9971	0.5784	2.576

One San Pedro Specific Plan
PA3 Construction - Unmitigated
CalEEMod Winter

BC - 2034 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.3551	1.9809	4.1237	7.9500e-003		0.0444	0.0444		0.0444	0.0444
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.1252	5.2449	1.9491	0.0211	0.884	0.0254	0.9095	0.2546	0.0243	0.2789
Worker		1.1361	0.6304	12.0765	0.0453	6.986	0.0214	7.0075	1.8527	0.0197	1.8725
Total		1.6164	7.8562	18.1493	0.0664	7.87	0.0912	7.9614	2.1073	0.0884	2.1958

BC - 2035 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.3316	1.7537	4.1186	7.9500e-003		0.0278	0.0278		0.0278	0.0278
Hauling											
Vendor		0.1247	5.2245	1.9526	0.0208	0.884	0.0253	0.9093	0.2546	0.0242	0.2787
Worker		1.0839	0.6055	11.7644	0.0447	6.986	0.0202	7.0062	1.8527	0.0186	1.8713
Total		1.5402	7.5837	17.8356	0.0655	7.87	0.0733	7.9433	2.1073	0.0706	2.1778

BC - 2036 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.3316	1.7537	4.1186	7.9500e-003		0.0278	0.0278		0.0278	0.0278
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.1247	5.2245	1.9526	0.0208	0.884	0.0253	0.9093	0.2546	0.0242	0.2787
Worker		1.0839	0.6055	11.7644	0.0447	6.986	0.0202	7.0062	1.8527	0.0186	1.8713
Total		1.5402	7.5837	17.8356	0.0655	7.87	0.0733	7.9433	2.1073	0.0706	2.1778

One San Pedro Specific Plan
PA3 Construction - Unmitigated
CalEEMod Winter

BC-2037 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.3316	1.7537	4.1186	7.9500e-003		0.0278	0.0278		0.0278	0.0278
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.1247	5.2245	1.9526	0.0208	0.884	0.0253	0.9093	0.2546	0.0242	0.2787
Worker		1.0839	0.6055	11.7644	0.0447	6.986	0.0202	7.0062	1.8527	0.0186	1.8713
Total		1.5402	7.5837	17.8356	0.0655	7.87	0.0733	7.9433	2.1073	0.0706	2.1778

Utilities - 2034 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		1.0262	4.6963	11.883	0.0268		0.1359	0.1359		0.1359	0.1359
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0509	0.0282	0.541	2.0300e-003	0.313	9.6000e-004	0.3139	0.083	8.8000e-004	0.0839
Total		1.0771	4.7245	12.424	0.0268	0.313	0.1359	0.4498	0.083	0.1359	0.2198

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Paving - 2034 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Off-Road		0.2313	1.2464	2.5898	4.5800e-003		0.0503	0.0503		0.0503	0.0503
Paving		0					0	0		0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0273	0.0151	0.2898	1.0900e-003	0.1677	5.1000e-004	0.1682	0.0445	4.7000e-004	0.0449
Total		0.2586	1.2615	2.8796	0	0.1677	0.0503	0.2185	0.0445	0.0503	0.0952

Paving - 2035 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Off-Road		0.1998	0.9551	2.5855	4.5800e-003		0.0314	0.0314		0.0314	0.0314
Paving		0					0	0		0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.026	0.0145	0.2824	1.0700e-003	0.1677	4.8000e-004	0.1682	0.0445	4.5000e-004	0.0449
Total		0.2258	0.9696	2.8679	0	0.1677	0.0314	0.1996	0.0445	0.0314	0.0763

AC - P3SA - 2036 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coat		14.8507					0	0		0	0
Off-Road		0.0689	0.4394	0.368	8.5000e-004		0.0171	0.0171		0.0171	0.0171
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2168	0.1211	2.3529	8.9400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743
Total		15.1364	0.5605	2.7209	0	1.3972	0.0171	1.4184	0.3706	0.0171	0.3914

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AC - P3SA - 2037 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		14.8507					0	0		0	0
Off-Road		0.0689	0.4394	0.368	8.5000e-004		0.0171	0.0171		0.0171	0.0171
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2168	0.1211	2.3529	8.9400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743
Total		15.1364	0.5605	2.7209	0	1.3972	0.0171	1.4184	0.3706	0.0171	0.3914

AC - P3SB - 2036 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		10.0014					0	0		0	0
Off-Road		0	0	0	0	0	0	0	0	0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2168	0.1211	2.3529	8.9400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743
Total		10.2182	0.1211	2.3529	0	1.3972	0	1.4013	0.3706	0	0.3743

AC - P3SB - 2037 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		10.0014					0	0		0	0
Off-Road		0	0	0	0	0	0	0	0	0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0

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Worker	0.2168	0.1211	2.3529	8.9400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743
Total	10.2182	0.1211	2.3529	0	1.3972	0	1.4013	0.3706	0	0.3743

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CalEEMod Summer

Demolition - 2034 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						3.1619	0	3.1619	0.4787	0	0.4787
Off-Road		0.8087	3.5173	9.6689	0.0219		0.0934	0.0934		0.0934	0.0934
Hauling		0.05	3.9793	1.0865	1.66E-02	0.6387	2.78E-02	0.6665	0.1751	2.66E-02	0.2017
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0246	0.0137	0.314	1.1500e-003	0.1677	5.1000e-004	0.1682	0.0445	4.7000e-004	0.0449
Total		0.8833	7.5103	11.0694	0.0385	3.9683	0.1212	4.09	0.6983	0.12	0.8187

Site Prep - 2034 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						0	0	0	0	0	0
Off-Road		0.0703	0.4401	0.6437	1.0300e-003		0.0227	0.0227		0.0227	0.0227
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		4.9300e-003	2.7500e-003	0.0628	2.3000e-004	0.0335	1.0000e-004	0.0336	8.8900e-003	9.0000e-005	8.9900e-003
Total		0.0703	0.4401	0.7065	0	0.0335	0.0227	0.0563	0	0.0227	0.0227

Grading - 2034 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						2.121	0	2.121	0.229	0	0.229
Off-Road		2.2237	9.5167	15.7961	0.0455		0.3177	0.3177		0.3177	0.3177
Hauling		0.4894	38.9708	10.6407	0.163	6.2553	0.2723	6.5275	1.7147	0.2605	1.9752
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0296	0.0165	0.3768	1.3800e-003	0.2012	6.2000e-004	0.2018	0.0534	5.7000e-004	0.0539
Total		2.7427	48.504	26.8136	0.2085	8.5775	0.59	9.168	1.9971	0.5782	2.5758

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CalEEMod Summer

BC - 2034 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.3551	1.9809	4.1237	7.9500e-003		0.0444	0.0444		0.0444	0.0444
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.1323	5.0032	1.8898	0.0211	0.884	0.0253	0.9094	0.2546	0.0242	0.2788
Worker		1.0264	0.5727	13.0821	0.0478	6.986	0.0214	7.0075	1.8527	0.0197	1.8725
Total		1.5138	7.5568	19.0956	0.0689	7.87	0.0911	7.9613	2.1073	0.0883	2.1957

BC - 2035 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.3316	1.7537	4.1186	7.9500e-003		0.0278	0.0278		0.0278	0.0278
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.1319	4.983	1.8933	0.0208	0.884	0.0252	0.9092	0.2546	0.0241	0.2787
Worker		0.9767	0.5501	12.7422	0.0472	6.986	0.0202	7.0062	1.8527	0.0186	1.8713
Total		1.4402	7.2868	18.7541	0.068	7.87	0.0732	7.9432	2.1073	0.0705	2.1778

BC - 2036 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.3316	1.7537	4.1186	7.9500e-003		0.0278	0.0278		0.0278	0.0278
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.1319	4.983	1.8933	0.0208	0.884	0.0252	0.9092	0.2546	0.0241	0.2787
Worker		0.9767	0.5501	12.7422	0.0472	6.986	0.0202	7.0062	1.8527	0.0186	1.8713
Total		1.4402	7.2868	18.7541	0.068	7.87	0.0732	7.9432	2.1073	0.0705	2.1778

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BC-2037 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.3316	1.7537	4.1186	7.9500e-003		0.0278	0.0278		0.0278	0.0278
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.1319	4.983	1.8933	0.0208	0.884	0.0252	0.9092	0.2546	0.0241	0.2787
Worker		0.9767	0.5501	12.7422	0.0472	6.986	0.0202	7.0062	1.8527	0.0186	1.8713
Total		1.4402	7.2868	18.7541	0.068	7.87	0.0732	7.9432	2.1073	0.0705	2.1778

Utilities - 2034 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		1.0262	4.6963	11.883	0.0268		0.1359	0.1359		0.1359	0.1359
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.046	0.0257	0.5861	2.1400e-003	0.313	9.6000e-004	0.3139	0.083	8.8000e-004	0.0839
Total		1.0722	4.722	12.4691	0.0268	0.313	0.1359	0.4498	0.083	0.1359	0.2198

One San Pedro Specific Plan
PA3 Construction - Unmitigated
CalEEMod Summer

Paving - 2034 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Off-Road		0.2313	1.2464	2.5898	4.5800e-003		0.0503	0.0503		0.0503	0.0503
Paving		0					0	0		0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0246	0.0137	0.314	1.1500e-003	0.1677	5.1000e-004	0.1682	0.0445	4.7000e-004	0.0449
Total		0.2559	1.2601	2.9038	0	0.1677	0.0503	0.2185	0.0445	0.0503	0.0952

Paving - 2035 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Off-Road		0.1998	0.9551	2.5855	4.5800e-003		0.0314	0.0314		0.0314	0.0314
Paving		0					0	0		0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0234	0.0132	0.3058	1.1300e-003	0.1677	4.8000e-004	0.1682	0.0445	4.5000e-004	0.0449
Total		0.2232	0.9683	2.8913	0	0.1677	0.0314	0.1996	0.0445	0.0314	0.0763

AC - P3SA - 2036 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coat		14.8507					0	0		0	0
Off-Road		0.0689	0.4394	0.368	8.5000e-004		0.0171	0.0171		0.0171	0.0171
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1953	0.11	2.5485	9.4400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743
Total		15.1149	0.5494	2.9165	0	1.3972	0.0171	1.4184	0.3706	0.0171	0.3914

One San Pedro Specific Plan
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CalEEMod Summer

AC - P3SA - 2037 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		14.8507					0	0		0	0
Off-Road		0.0689	0.4394	0.368	8.5000e-004		0.0171	0.0171		0.0171	0.0171
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1953	0.11	2.5485	9.4400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743
Total		15.1149	0.5494	2.9165	0	1.3972	0.0171	1.4184	0.3706	0.0171	0.3914

AC - P3SB - 2036 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		10.0014					0	0		0	0
Off-Road		0	0	0	0	0	0	0	0	0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1953	0.11	2.5485	9.4400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743
Total		10.1967	0.11	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743

AC - P3SB - 2037 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		10.0014					0	0		0	0
Off-Road		0	0	0	0	0	0	0	0	0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0

One San Pedro Specific Plan
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Worker		0.1953	0.11	2.5485	9.4400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743
Total		10.1967	0.11	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743

One San Pedro Specific Plan
Harbor Construction - Unmitigated
CalEEMod Summary

Max Daily - Harbor

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Site Prep - 2023	0.357	3.2406	2.7008	0.00368	0.0335	0.2245	0.258	0.00889	0.20659	0.21548
Onsite	0.3467	3.2332	2.5921	0.00338	0	0.2243	0.2243	0	0.2064	0.2064
Offsite	0.0103	0.0074	0.1087	0.0003	0.0335	0.0002	0.0337	0.00889	0.00019	0.00908
Grading - 2023	3.7011	39.4865	40.9506	0.11316	2.902	1.41296	4.315	0.6086	1.34806	1.9566
Onsite	3.452	29.6996	37.5469	0.0651	1.1168	1.3468	2.4636	0.123	1.2848	1.4078
Offsite	0.2491	9.7869	3.4037	0.04806	1.7852	0.06616	1.8514	0.4856	0.06326	0.5488
Utilities - 2023	2.7542	23.886	29.2664	0.06007	0.3689	1.08473	1.4536	0.0978	1.02825	1.1261
Onsite	2.6407	23.8046	28.0706	0.0568	0	1.0825	1.0825	0	1.0262	1.0262
Offsite	0.1135	0.0814	1.1958	0.00327	0.3689	0.00223	0.3711	0.0978	0.00205	0.0999
BC - 2023	0.59756	5.0668	6.0276	0.01319	0.4232	0.20643	0.6297	0.11302	0.1919	0.3049
Onsite	0.4714	4.7796	4.6826	0.0088	0	0.2031	0.2031	0	0.1888	0.1888
Offsite	0.12616	0.2872	1.345	0.00439	0.4232	0.00333	0.4266	0.11302	0.0031	0.1161
BC - 2024	0.57148	4.8048	5.9097	0.01308	0.4232	0.19024	0.6135	0.11302	0.17701	0.29
Onsite	0.4533	4.5263	4.654	0.0088	0	0.187	0.187	0	0.174	0.174
Offsite	0.11818	0.2785	1.2557	0.00428	0.4232	0.00324	0.4265	0.11302	0.00301	0.116
Paving - 2023	1.6907	14.8707	19.4612	0.03087	0.2794	0.82189	1.1013	0.0741	0.76825	0.8424
Onsite	1.6047	14.809	18.5553	0.0284	0	0.8202	0.8202	0	0.7667	0.7667
Offsite	0.086	0.0617	0.9059	0.00247	0.2794	0.00169	0.2811	0.0741	0.00155	0.0757
AC - 2024	1.7256	2.2667	2.9036	0.00561	0.0782	0.10245	0.1807	0.0208	0.10242	0.1232
Onsite	1.7031	2.2513	2.6675	0.00494	0	0.102	0.102	0	0.102	0.102
Offsite	0.0225	0.0154	0.2361	0.00067	0.0782	0.00045	0.0787	0.0208	0.00042	0.0212
AC - 2025	1.7139	2.1893	2.8861	0.00559	0.0782	0.09283	0.1711	0.0208	0.0928	0.1136
Onsite	1.6928	2.1755	2.666	0.00494	0	0.0924	0.0924	0	0.0924	0.0924
Offsite	0.0211	0.0138	0.2201	0.00065	0.0782	0.00043	0.0787	0.0208	0.0004	0.0212

One San Pedro Specific Plan
Harbor Construction - Unmitigated
CalEEMod Summary

Site Prep - 2023

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.3467	3.2332	2.5921	0.00338	0	0.2243	0.2243	0	0.2064	0.2064
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	1.03E-02	7.40E-03	1.09E-01	3.00E-04	3.35E-02	2.00E-04	3.37E-02	8.89E-03	1.90E-04	9.08E-03
Total	0.357	3.2406	2.7008	0.00368	0.0335	0.2245	0.258	0.00889	0.20659	0.21548

Grading - 2023

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	1.1168	0	1.1168	0.123	0	0.123
Off-Road	3.452	29.6996	37.5469	0.0651	0	1.3468	1.3468	0	1.2848	1.2848
Hauling	0.1184	9.6932	2.0267	0.0443	1.3604	0.0636	1.4241	0.3729	0.0609	0.4338
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	1.31E-01	9.37E-02	1.38E+00	3.76E-03	4.25E-01	2.56E-03	4.27E-01	1.13E-01	2.36E-03	1.15E-01
Total	3.7011	39.4865	40.9506	0.11316	2.902	1.41296	4.315	0.6086	1.34806	1.9566

Utilities - 2023

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	2.6407	23.8046	28.0706	0.0568	0	1.0825	1.0825	0	1.0262	1.0262
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	1.14E-01	8.14E-02	1.20E+00	3.27E-03	3.69E-01	2.23E-03	3.71E-01	9.78E-02	2.05E-03	9.99E-02
Total	2.7542	23.886	29.2664	0.06007	0.3689	1.08473	1.4536	0.0978	1.02825	1.1261

One San Pedro Specific Plan
Harbor Construction - Unmitigated
CalEEMod Summary

BC - 2023

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.4714	4.7796	4.6826	0.0088	0	0.2031	0.2031	0	0.1888	0.1888
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.00576	0.2009	0.0767	0.00093	0.032	0.00097	0.033	0.00922	0.00093	0.0102
Worker	1.20E-01	8.63E-02	1.27E+00	3.46E-03	3.91E-01	2.36E-03	3.94E-01	1.04E-01	2.17E-03	1.06E-01
Total	0.59756	5.0668	6.0276	0.01319	0.4232	0.20643	0.6297	0.11302	0.1919	0.3049

BC - 2024

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.4533	4.5263	4.654	0.0088	0	0.187	0.187	0	0.174	0.174
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.00558	0.2014	0.0751	0.00092	0.032	0.00098	0.033	0.00922	0.00093	0.0102
Worker	1.13E-01	7.71E-02	1.18E+00	3.36E-03	3.91E-01	2.26E-03	3.94E-01	1.04E-01	2.08E-03	1.06E-01
Total	0.57148	4.8048	5.9097	0.01308	0.4232	0.19024	0.6135	0.11302	0.17701	0.29

Paving - 2023

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Off-Road	1.6047	14.809	18.5553	0.0284	0	0.8202	0.8202	0	0.7667	0.7667
Paving	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	8.60E-02	6.17E-02	9.06E-01	2.47E-03	2.79E-01	1.69E-03	2.81E-01	7.41E-02	1.55E-03	7.57E-02
Total	1.6907	14.8707	19.4612	0.03087	0.2794	0.82189	1.1013	0.0741	0.76825	0.8424

One San Pedro Specific Plan
Harbor Construction - Unmitigated
CalEEMod Summary

AC - 2024

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Arch. Coat	1.3627	0	0	0	0	0	0	0	0	0
Off-Road	0.3404	2.2513	2.6675	0.00494	0	0.102	0.102	0	0.102	0.102
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	2.25E-02	1.54E-02	2.36E-01	6.70E-04	7.82E-02	4.50E-04	7.87E-02	2.08E-02	4.20E-04	2.12E-02
Total	1.7256	2.2667	2.9036	0.00561	0.0782	0.10245	0.1807	0.0208	0.10242	0.1232

AC - 2025

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Arch. Coating	1.3627	0	0	0	0	0	0	0	0	0
Off-Road	0.3301	2.1755	2.666	0.00494	0	0.0924	0.0924	0	0.0924	0.0924
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	2.11E-02	1.38E-02	2.20E-01	6.50E-04	7.82E-02	4.30E-04	7.87E-02	2.08E-02	4.00E-04	2.12E-02
Total	1.7139	2.1893	2.8861	0.00559	0.0782	0.09283	0.1711	0.0208	0.0928	0.1136

One San Pedro Specific Plan
Harbor Construction - Unmitigated
CalEEMod Winter

Site Prep - 2023 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					0	0	0	0	0	0
Off-Road	0.3467	3.2332	2.5921	3.38E-03		0.2243	0.2243		0.2064	0.2064
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.0103	7.40E-03	0.0999	2.80E-04	0.0335	2.00E-04	0.0337	8.89E-03	1.90E-04	9.08E-03
Total	0.357	3.2406	2.692	0.00366	0.0335	0.2245	0.258	0.00889	0.20659	0.21548

Grading - 2023 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					1.1168	0	1.1168	0.123	0	0.123
Off-Road	3.452	29.6996	37.5469	0.0651		1.3468	1.3468		1.2848	1.2848
Hauling	0.114	9.6932	2.0267	0.0443	1.3604	0.0636	1.4241	0.3729	0.0609	0.4338
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1307	0.0937	1.2657	3.56E-03	0.4248	2.56E-03	0.4273	0.1127	2.36E-03	0.115
Total	3.6967	39.4865	40.8393	0.11296	2.902	1.41296	4.315	0.6086	1.34806	1.9566

Utilities - 2023 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust										
Off-Road	2.6407	23.8046	28.0706	0.0568		1.0825	1.0825		1.0262	1.0262
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1135	0.0814	1.0992	3.09E-03	0.3689	2.23E-03	0.3711	0.0978	2.05E-03	0.0999
Total	2.7542	23.886	29.1698	0.05989	0.3689	1.08473	1.4536	0.0978	1.02825	1.1261

One San Pedro Specific Plan
Harbor Construction - Unmitigated
CalEEMod Winter

BC - 2023 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust										
Off-Road	0.4714	4.7796	4.6826	8.80E-03		0.2031	0.2031		0.1888	0.1888
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	5.56E-03	0.2009	0.0767	9.30E-04	0.032	9.70E-04	0.033	9.22E-03	9.30E-04	0.0102
Worker	0.1204	0.0863	1.1658	3.28E-03	0.3912	2.36E-03	0.3936	0.1038	2.17E-03	0.1059
Total	0.59736	5.0668	5.9251	0.01301	0.4232	0.20643	0.6297	0.11302	0.1919	0.3049

BC - 2024 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust										
Off-Road	0.4533	4.5263	4.654	8.80E-03		0.187	0.187		0.174	0.174
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	5.37E-03	0.2014	0.0751	9.20E-04	0.032	9.80E-04	0.033	9.22E-03	9.30E-04	0.0102
Worker	0.1126	0.0771	1.0861	3.19E-03	0.3912	2.26E-03	0.3935	0.1038	2.08E-03	0.1058
Total	0.57127	4.8048	5.8152	0.01291	0.4232	0.19024	0.6135	0.11302	0.17701	0.29

Paving - 2023 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Off-Road	1.6047	14.809	18.5553	0.0284		0.8202	0.8202		0.7667	0.7667
Paving	0					0	0		0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.086	0.0617	0.8327	2.34E-03	0.2794	1.69E-03	0.2811	0.0741	1.55E-03	0.0757
Total	1.6907	14.8707	19.388	0.03074	0.2794	0.82189	1.1013	0.0741	0.76825	0.8424

One San Pedro Specific Plan
Harbor Construction - Unmitigated
CalEEMod Winter

AC - 2024 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coat		1.3627					0	0		0	0
Off-Road		0.3404	2.2513	2.6675	4.94E-03		0.102	0.102		0.102	0.102
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0225	0.0154	0.2172	6.40E-04	0.0782	4.50E-04	0.0787	0.0208	4.20E-04	0.0212
Total		1.7256	2.2667	2.8847	0.00558	0.0782	0.10245	0.1807	0.0208	0.10242	0.1232

AC - 2025 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		1.3627					0	0		0	0
Off-Road		0.3301	2.1755	2.666	4.94E-03		0.0924	0.0924		0.0924	0.0924
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0211	0.0138	0.2026	6.20E-04	0.0782	4.30E-04	0.0787	0.0208	4.00E-04	0.0212
Total		1.7139	2.1893	2.8686	0.00556	0.0782	0.09283	0.1711	0.0208	0.0928	0.1136

One San Pedro Specific Plan
Harbor Construction - Unmitigated
CalEEMod Summer

Site Prep - 2023 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						0	0	0	0	0	0
Off-Road		0.3467	3.2332	2.5921	3.38E-03		0.2243	0.2243		0.2064	0.2064
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		9.61E-03	6.70E-03	0.1087	3.00E-04	0.0335	2.00E-04	0.0337	8.89E-03	1.90E-04	9.08E-03
Total		0.35631	3.2399	2.7008	0.00368	0.0335	0.2245	0.258	0.00889	0.20659	0.21548

Grading - 2023 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						1.1168	0	1.1168	0.123	0	0.123
Off-Road		3.452	29.6996	37.5469	0.0651		1.3468	1.3468		1.2848	1.2848
Hauling		0.1184	9.3092	2.0135	0.0443	1.3604	0.0635	1.424	0.3729	0.0608	0.4337
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1217	0.0848	1.377	3.76E-03	0.4248	2.56E-03	0.4273	0.1127	2.36E-03	0.115
Total		3.6921	39.0936	40.9374	0.11316	2.902	1.41286	4.3149	0.6086	1.34796	1.9565

Utilities - 2023 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		2.6407	23.8046	28.0706	0.0568		1.0825	1.0825		1.0262	1.0262
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1057	0.0737	1.1958	3.27E-03	0.3689	2.23E-03	0.3711	0.0978	2.05E-03	0.0999
Total		2.7464	23.8783	29.2664	0.06007	0.3689	1.08473	1.4536	0.0978	1.02825	1.1261

One San Pedro Specific Plan
Harbor Construction - Unmitigated
CalEEMod Summer

BC - 2023 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.4714	4.7796	4.6826	8.80E-03		0.2031	0.2031		0.1888	0.1888
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		5.76E-03	0.1919	0.0744	9.30E-04	0.032	9.60E-04	0.033	9.22E-03	9.20E-04	0.0101
Worker		0.1121	0.0781	1.2683	3.46E-03	0.3912	2.36E-03	0.3936	0.1038	2.17E-03	0.1059
Total		0.58926	5.0496	6.0253	0.01319	0.4232	0.20642	0.6297	0.11302	0.19189	0.3048

BC - 2024 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.4533	4.5263	4.654	8.80E-03		0.187	0.187		0.174	0.174
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		5.58E-03	0.1923	0.0728	9.20E-04	0.032	9.70E-04	0.033	9.22E-03	9.30E-04	0.0102
Worker		0.1045	0.0698	1.1806	3.36E-03	0.3912	2.26E-03	0.3935	0.1038	2.08E-03	0.1058
Total		0.56338	4.7884	5.9074	0.01308	0.4232	0.19023	0.6135	0.11302	0.17701	0.29

Paving - 2023 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Off-Road		1.6047	14.809	18.5553	0.0284		0.8202	0.8202		0.7667	0.7667
Paving		0					0	0		0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0801	0.0558	0.9059	2.47E-03	0.2794	1.69E-03	0.2811	0.0741	1.55E-03	0.0757
Total		1.6848	14.8648	19.4612	0.03087	0.2794	0.82189	1.1013	0.0741	0.76825	0.8424

One San Pedro Specific Plan
Harbor Construction - Unmitigated
CalEEMod Summer

AC - 2024 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coat		1.3627					0	0		0	0
Off-Road		0.3404	2.2513	2.6675	4.94E-03		0.102	0.102		0.102	0.102
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0209	0.014	0.2361	6.70E-04	0.0782	4.50E-04	0.0787	0.0208	4.20E-04	0.0212
Total		1.724	2.2653	2.9036	0.00561	0.0782	0.10245	0.1807	0.0208	0.10242	0.1232

AC - 2025 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		1.3627					0	0		0	0
Off-Road		0.3301	2.1755	2.666	4.94E-03		0.0924	0.0924		0.0924	0.0924
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0195	0.0125	0.2201	6.50E-04	0.0782	4.30E-04	0.0787	0.0208	4.00E-04	0.0212
Total		1.7123	2.188	2.8861	0.00559	0.0782	0.09283	0.1711	0.0208	0.0928	0.1136

One San Pedro Specific Plan
General Assumptions

Project Characteristics

Project Location	Los Angeles	CalEEMod Title:	
	SCAQMD	Date:	
Climate Zone	11		
Urbanization	Urban		
Operational Year (Buildout)	2038		
Construction Year	2024		
Utility Company	Southern California Edison		

Project Land Use	# Units	sqft	Ksf	acres	CalEEMod Use
Existing					
327 Harbor	Vacant			0.56	parking non-asphalt
Phase 1	156			7.31	Mid-Rise Apartments
Phase 2	144			5.92	Mid-Rise Apartments
Phase 3	178			7.14	Mid-Rise Apartments
	478			20.93	

To simplify the modeling, we are aiming to keep the number of land uses to a minimum. This also provides more flexibility to the project since the proposed uses are not tied to a specific land use. For example, we propose to model the commercial/retail under the "Strip Mall" land uses since this development can include retail, resturants, and offices. For the administraton/services/amenities, it would be more straightforward to model the squre footage as "General Office" since the proposed community uses would be more office spaces. The last row called Open Space Amenities would be for the proposed park and recreational areas. The unit can be square feet or acres.

One San Pedro Specific Plan
General Assumptions

Project Land Use	# Units/spaces	sqft	Ksf	acres	CalEEMod Use	
Scenario A						
Additional Site - 327 Harbor				0.56		
Residential	47	66,210				
Mid-Rise Apartments	47				Mid-Rise Apartment	
Townhomes					Townhouse	
Parking Garage	45				Enclosed Parking Garage w/elevator	
Planning Area 1				7.31		5.81
Residential	375					
Mid-Rise Apartments	343				Mid-Rise Apartment	
Townhomes	32				Townhouse	
Non-Residential		32,000				
Commercial/Retail		0	0		Strip Mall	
Neighborhood Serving		32,000	32		General Office	
Parking Garage	587	235,305			Enclosed Parking Garage w/elevator	
Open Space						
Amenities		40,974			Park	
Park				1.50	Park	
Planning Area2				5.92		4.22
Residential	600				0	
Mid-Rise Apartments	600					
Non-Residential		55,000				
Commercial/Retail		25,000	25		Strip Mall	
Neighborhood Serving		30,000	30		General Office	
Parking Garage	861	387,575			Enclosed Parking Garage w/elevator	
Open Space						
Amenities		62,051			Park	
Park				1.70	Park	
Planning Area 3				7.14		5.54
Residential	578				0	
Mid-Rise Apartments	533					
Townhomes	45					
Non-Residential		43,000				
Commercial/Retail		20,000	20		Strip Mall	
Neighborhood Serving		23,000	23		General Office	
Parking Garage	806	322,210			Enclosed Parking Garage w/elevator	
Open Space						
Amenities		66,436			Park	
Park				1.60	Park	

One San Pedro Specific Plan
General Assumptions

Project Land Use	# Units	sqft	Ksf	acres		
Scenario B						
Additional Site - 327 Harbor				0.56		
Residential	47					
Mid-Rise Apartments	47				Mid-Rise Apartment	
Townhomes					Townhouse	
Planning Area 1				7.31		
Residential	450					
Mid-Rise Apartments	418				Mid-Rise Apartment	
Townhomes	32				Townhouse	
Non-Residential		39,000				
Commercial/Retail		0	0		Strip Mall	
Neighborhood Serving		39,000	39		General Office	
Parking Garage	720	282,366			Enclosed Parking Garage w/elevator	
Open Space						
Amenities		49,169			Park	
Park				1.50	Park	
Planning Area2				5.92		4.22
Residential	673				0	
Mid-Rise Apartments	673					
Non-Residential		67,000				
Commercial/Retail		30,000	30		Strip Mall	
Neighborhood Serving		37,000	37		General Office	
Parking Garage	1,033	465,090			Enclosed Parking Garage w/elevator	
Open Space						
Amenities		74,461			Park	
Park				1.70	Park	
Planning Area 3				7.14		
Residential	430				0	
Mid-Rise Apartments	385					
Townhomes	45					
Non-Residential		24,000				
Commercial/Retail		15,000	15		Strip Mall	
Neighborhood Serving		9,000	9		General Office	
Parking Garage	514	386,652			Enclosed Parking Garage w/elevator	
Open Space						
Amenities		33,700			Park	
Park				1.60	Park	

One San Pedro Specific Plan
General Assumptions

Population

Residents 2.42 Persons/Unit (Pop Housing Section)

	Units	Population	Units	Population
		Existing		
PA1	156	378	NA	
PA2	144	348	NA	
PA3	178	431	NA	
Total		1,157		
		Proposed		
		Scenario A	*Scenario B*	
Harbor	47	114	47	114
PA-1 - Mid Rise	343	830	418	1,012
PA-1 - Townhouse	32	77	32	77
PA-2 - Mid Rise	600	1,452	673	1,629
PA-3 - Mid Rise	533	1,290	385	932
PA-3 - Townhouse	45	109	45	109
Total		3,872		3,872
Net New		2,715		2,715

Non-Residential	KSF	Total Employees	Employee/ksf
Supermarket	15	60	4
High Turnover Sit-down	12	48	4
Neighborhood Serving	103	206	2
Total		314	

Population and Housing

SCAG 2016

	2012	**2040**	**Growth**	**Project**	**% Growth**
Population	3,845,500	4,609,400	763,900	2,715	0.35544443
Employment	1,696,400	2,169,100	472,700	314	0.066426909

SCAG 2022

	2016	**2045**	**Growth**	**Project**	**% Growth**
Population	3,933,800	4,771,300	837,500	2,715	0.324207761
Employment	1,848,300	2,135,900	287,600	314	0.109179416

One San Pedro Specific Plan
General Assumptions

EV Charging Determination Parking

Spaces		Title 24 Mandatory	Tier II Voluntary	
45	Harbor	20.00%	40.00%	% EV Ready
2,092	OSP	427	855	Spaces
2,137	Total	25.00%	15.00%	% EV Charging Stations[1]
		107	321	Spaces

1 Note: Mandatory requires 20% to be EV ready and 25% of the EV ready to have charging stations active on day one. Tier II Voluntary measure requires 40% to be EV Ready and 15% of the total spaces to equipped with EV charging stations.

Units per acre

	Units	Acres	Units/acre
Scenario A - PA1	375	7.31	51
Scenario A - PA2	600	5.92	101
Scenario A - PA3	578	7.14	81
Harbor (Scenario A & B)	47	0.56	84
Scenario B - PA1	450	7.31	62
Scenario B - PA2	673	5.92	114
Scenario B - PA3	430	7.14	60

Affordable Housing

	Units	Affordable Units
Harbor	47	46
OSP	1,553	932
Total New Units		978
Existing	478	478
Increase in Affordable Housing		500

One San Pedro Specific Plan
Construction Assumptions

CalEEMod Defaults are assumed for modeling purposes unless specifically discussed in the Construction Assumptions below.

Project Schedule:

Construction Monday thru Friday 7:00 am to 3:30 pm Occassionaly Saturday or later day work

Phase Name	Start Date	End Date	Days/Week	Adjusted Total Days	Default Total Days	
327 Harbor	**3/1/2023**	**3/1/2025**	**5**			
Demolition			5	0	0	0
Site Prep	3/1/2023	3/13/23	5	9	2	0.017241
Grading	3/14/2023	3/24/23	5	9	2	0.017241
Utilities Trenching	3/25/2023	4/6/23	5	9	2	0.017241
Building Construction	4/7/2023	12/26/24	5	451	100	0.862069
Paving	4/7/2023	4/12/23	5	5	5	
Architectural Coating	4/18/2024	2/27/2025	5	225	5	
				523	116	
Phase 1	**1/1/2024**	**12/21/2030**	**5**			
Demolition	1/1/2024	6/17/24	5	121	20	0.066667
Site Prep	6/18/2024	9/10/24	5	61	10	0.033333
Grading	9/10/2024	2/26/25	5	121	20	0.066667
Utilities Trenching	2/27/2025	8/14/25	5	121	20	0.066667
Building Construction	8/15/2025	15/2025	5	1395	230	0.766667
Paving	8/15/2025	9/11/25	5	20	20	
Architectural Coating	4/19/2028	12/20/2030	5	698	20	
				1820	300	

One San Pedro Specific Plan
Construction Assumptions

	Phase Name	Start Date	End Date	Days/Week	Adjusted Total Days	Default Total Days		
Phase 2		**1/1/2031**	**12/21/2035**	**5**				
	Demolition	1/1/2031	4/16/31	5	76	20	0.058824	
	Site Prep	4/17/2031	6/9/31	5	38	10	0.029412	
	Grading	6/10/2031	9/23/31	5	76	20	0.058824	
	Utilities Trenching	9/24/2031	1/7/32	5	76	20	0.058824	
	Building Construction	1/8/2032	5/21/35	5	878	230	0.676471	1.947511
	Paving	1/8/2032	2/4/32	5	20	20		
	Architectural Coating	4/18/2034	12/21/2035	5	439	20		
					1298	340		
Phase 3		**3/1/2034**	**12/21/2037**	**5**				
	Demolition	3/1/2034	5/19/34	5	58	20	0.058824	
	Site Prep	5/20/2034	6/26/34	5	29	10	0.029412	
	Grading	6/30/2034	9/19/34	5	58	20	0.058824	
	Utilities Trenching	9/19/2034	12/7/34	5	58	20	0.058824	
	Building Construction	12/8/2034	7/6/37	5	672	230	0.676471	
	Paving	12/8/2034	1/4/35	5	20	20		
	Architectural Coating	9/5/2036	12/21/2037	5	336	20		
					994	340		

Trips and VMT Use CalEEMod Defaults for everything other than soil haul trucks

PhaseName	Worker Trips	Vendor Trips	One-way Trips	Haul Distance (Miles)
Grading (Harbor)	Default	Default	280	50
Grading (Phase 1)	Default	Default	8,493	50
Grading (Phase 2)	Default	Default	6,878	50
Granding (Phase 3)	Default	Default	8,295	46
Total			23,666	

Note: Haul trucks per phase will be determined by total acerage unless specifics for each phase are known.

Offroad Equipment See Equipment by phase information

Dust from Material Movement Uses "Mitigated" fugitive dust results to account for SCAQMD Dust control requirements

	Import (Cys)	Export (CY)	acres	Export/acre
Grading		378,645	20.37	18,588
Additional Site - 327 Harbor		4,481	0.56	
Phase 1		135,881	7.31	
Phase 2		110,043	5.92	
Phase 3		132,721	7.14	

One San Pedro Specific Plan
Construction Assumptions

Demolition Square Footage to be demolished

		# Units	Sqft Demo	sqft/unit	
Total		478	500,303	1,047	18192.836
	Phase 1	156	156,280		
	Phase 2	144	150,719		
	Phase 3	178	186,305		

Demolition will based on existing units unless otherwise known.

Onroad Fugitive Dust Uses CalEEMod Defaults

Architectural Coatings Uses CalEEMod Defaults

	Res Interior	Res Exterior	NonRes Interior	Non Res Ext	Paving
Phase 1 - Scenario A	759,375	253,125	109,461	36,487	14,118
Phase 1 - Scenario B	911,250	303,750	132,254	44,085	17,280
Phase 2 - Scenario A	1,215,000	405,000	175,577	58,526	20,664
Phase 2 - Scenario B	1,362,825	454,275	207,692	69,231	27,905
Phase 3 - Scenario A	1,166,400	388,800	164,154	54,718	19,333
Phase 3 - Scenario B	870,750	290,250	91,050	30,350	23,119

Note:
Construction for Scenario A and B were modeled together. As construction schedule and equipipment does not change between scenarios, the only differes is the amount of architectural coating application. Therefore the architectural coating phases for each Scenario are called out as a separate phase in the CalEEMod modeling.

One San Pedro Specific Plan
Operational Emissions

CalEEMod Defaults are assumed for modeling purposes unless specifically discussed in the Operational Assumptions below.

Mobile Sources

Vehicle Trips:

Source: City of Los Angeles VMT Calculator Version 1.3 Output - dated 1/11/2023 (MXD without TDM Mitigation)

	Daily Trips	**Daily VMT**
Home Based work Production	1,081	12,759
Home Based other Production	2,335	17,043
Home based work Attraction	146	2,099
Home based other attraction	2,695	21,292
Non-Home based Other Production	2,488	24,633
Non-Home Based Other Attraction	1,254	14,550
	9,999	92,376
Residential	6,257	53,193
Non-Residential	3,742	39,183

EV Charging **321 EV Charging Stations.**

	Harbor	PA1	PA2	PA3	
			Scenario A		
Parking Spaces	45	587	861	806	2,299
% Total	0.0195737	0.2553284	0.3745107	0.350587212	
# EV Stations	6	82	120	113	
			Scenario B		
Parking Spaces	45	720	1,033	514	2,312
% Total	0.0194637	0.3114187	0.4467993	0.222318339	
# EV Stations	6	100	143	71	

One San Pedro Specific Plan
Operational Emissions

	Scenario A							Modeled		Output
	DU	**% Units**	**Daily Trips**	**Daily VMT**	**trips/DU**	**VMT/trip**	**Annual VMT**	**trips/DU**	**VMT/trip**	**Annual VMT**
Harbor	47	0.029375	293.72	1,563	6.249375	5.319831983	570,329	6.25	5.34	570,980
Phase 1	375	0.234375	2,343.52	12,467	6.249375	5.319831983	4,550,495	6.25	6.02	4,560,593
Phase 2	600	0.375	3,749.63	19,947	6.249375	5.319831983	7,280,792	6.25	5.33	7,275,450
Phase 3	578	0.36125	3,612.14	19,216	6.249375	5.319831983	7,013,830	6.25	5.329	7,008,845
Check	1,600		9,999	53,193			19,415,445			19,415,868

	Scenario A									
	KSF	**%KSF**	**Daily Trips**	**Daily VMT**	**trips/KSF**	**VMT/trip**	**Annual VMT**	**trips/DU**	**VMT/trip**	**Annual VMT**
Harbor	0									
Phase 1	32	0.2461538	921	9,645	28.78461538	10.47113843	3,520,442	28.79	12.9	3,537,816
Phase 2	55	0.4230769	1,583	16,577	28.78461538	10.47113843	6,050,759	28.79	10.49	6,046,183
Phase 3	43	0.3307692	1,238	12,961	28.78461538	10.47113843	4,730,594	28.79	10.48	4,718,003
	130		3,742	39,183			14,301,795			14,302,002

	Scenario B									
	DU	**% Units**	**Daily Trips**	**Daily VMT**	**trips/DU**	**VMT/trip**				
Harbor	47	0.029375	294	1,563	6.249375	5.319831983	570,329	6.25	5.34	570,980
Phase 1	450	0.28125	2,812	14,961	6.249375	5.319831983	5,460,594	6.25	6.01	5,463,353
Phase 2	673	0.420625	4,206	22,374	6.249375	5.319831983	8,166,622	6.25	5.33	8,160,630
Phase 3	430	0.26875	2,687	14,296	6.249375	5.319831983	5,217,901	6.25	5.335	5,218,964
	1,600		9,999	53,193			19,415,445			19,413,927

	Scenario B									
	KSF	**%KSF**	**Daily Trips**	**Daily VMT**	**trips/KSF**	**VMT/trip**				
Harbor	0									
Phase 1	39	0.3	1,123	11,755	28.78461538	10.47113843	4,290,539	28.79	12.85	4,295,007 #
Phase 2	67	0.5153846	1,929	20,194	28.78461538	10.47113843	7,370,925	28.79	10.49	7,365,350
Phase 3	24	0.1846154	691	7,234	28.78461538	10.47113843	2,640,331	28.79	10.51	2,643,365
	130		3,742	39,183			14,301,795			14,303,722

Note: VMT was modeled such that total VMT is equal to or slightly higher than what is in the traffic study and may not split evenly among the phases and landuses due to how CalEEMod computes VMT.

	Traffic Study	Modeled	Difference (modeled - Traffic Study)
Scenario A	33,717,240	33,717,870	630 Annual VMT
Scenario B	33,717,240	33,717,649	409 Annual VMT

One San Pedro Specific Plan
Operational Emissions

Area Sources

Hearths:

Existing Assumes no Fireplaces

Proposed All residential units are all electric. Therefore, no natural gas, propane or wood burning hearts used.

Energy Use

	Existing	Proposed
Title 24 Compilance	2008	2019

	T24 Electricity	NT24 Electricity	Lighting Electricity	T24 Natural Gas	NT24 Natural Gas
	KWh/DU			kBtu/DU	
Existing	231.59	2553.86	741.44	5546	1662
Project	35.05	3054.1	741.44	4180	4831

Source: CalEEMod Appendix D, Table 8.1 Energy Use by Climate Zone and Land Use Type

* Residential portions of the building are all electric

Conversion from NG to Electric for Residential 1 Btu = 0.000293071 KWh 1 kBtu = 0.293071083 kWh

	Default NG		Conversion to kWh		Default Electric		Revised Electric	
	T24 NG	NT24 NG	T24 NG	NT24 NG	T24 D Elec	NT24 D Elec	T24 R Elec	NT24 R Elec
	kBtu		kWh		kWh		kWh	
Apt. Mid	4,179.80	4,831.00	1,224.98	1,415.83	35.05	3,054.10	1,260.03	4,469.93
Townhouse	12,162.60	4,831.00	3,564.51	1,415.83	39.19	3,795.01	3,603.70	5,210.84
Parking Garage	0.00	0.00	0.00	0.00	3.50	0.19	3.50	0.19

One San Pedro Specific Plan
Operational Emissions

Water Use Source: LADWP 2022. Water Supply Assessment - One San Pedro Specific Plan Project. May 2022

325851.4333 gallons per acre foot

	Units/SF	AF/year	gallons/yr	2023 T24 Req.	gallons/yr/unit	% Total	% Inside	Inside	Outside
					Existing				
Total Residential	478	104.53	34,061,250.32		71,257.85		0.613333333	20,890,900.20	13,170,350.12
PA 1	156				11,116,223.95		0.613333333	6,817,950.69	4,298,273.26
PA 2	144				10,261,129.80		0.613333333	6,293,492.95	3,967,636.86
PA 3	178				12,683,896.56		0.613333333	7,779,456.56	4,904,440.00
	478								
					Proposed Scenario A				
Total Residential	1600	208.77	68,028,003.72		42,517.50				
Harbor	47		1,998,322.61	1598658.087			0.6133	980,510.30	618,147.79
PA 1	375		15,944,063.37	12755250.7				7,823,220.44	4,932,030.26
PA 2	600		25,510,501.40	20408401.12				12,517,152.70	7,891,248.41
PA 3	578		24,575,116.34	19660093.08				12,058,190.44	7,601,902.64
	1,553								
Total Non-Residential									
Neighborhood	85	8.81	2,870,751.13		33,773.54		0.6200		
PA 1	32		1,080,753.37	864602.6924				536,053.67	328,549.02
PA 2	30		1,013,206.28	810565.0241				502,550.32	308,014.71
PA 3	23		776,791.48	621433.1851				385,288.57	236,144.61
Commercial	45	9.83	3,203,119.59		71,180.44		0.620000001		
PA 1	0		0.00	0				0.00	0.00
PA 2	25		1,779,510.88	1423608.706				882,637.40	540,971.31
PA 3	20		1,423,608.71	1138886.965				706,109.92	432,777.05
Parking Garage	945.09	0.70	228,096.00		241.35				
PA 1	235		56,790.50	45432.39696				27,865.20	17,567.19
PA 2	388		93,540.62	74832.49932				45,897.27	28,935.23
PA 3	322		77,764.88	62211.90635				38,156.64	24,055.27
Landscaping	431.159	19.47	6,344,327.41						
PA 1	1.50		1,982,602.31	1586081.851		0.3125		0	1586081.851
PA 2	1.70		2,246,949.29	1797559.432		0.354166667			1797559.432
PA 3	1.60		2,114,775.80	1691820.641		0.333333333			1691820.641

One San Pedro Specific Plan
Operational Emissions

	Units/SF	AF/year	gallons/yr	2023 T24 Req.	gallons/yr/unit	% Total			
					Proposed Scenario B				
Total Residential	1600	208.77	68,028,003.72		42,517.50		% Inside	Inside	Outside
Harbor	47		1,998,322.61	1598658.087			0.6133		
PA 1	450		19,132,876.05	15306300.84				9,387,864.53	5,918,436.31
PA 2	673		28,614,279.07	22891423.25				14,040,072.95	8,851,350.30
PA 3	430		18,282,526.00	14626020.8				8,970,626.10	5,655,394.70
	1,553								
Total Non-Residential									
Neighborhood	85	8.81	2,870,751.13		33,773.54		0.6200		
PA 1	39		1,317,168.16	1053734.531				653,315.41	400,419.12
PA 2	37		1,249,621.08	999696.8631				619,812.06	379,884.81
PA 3	9		303,961.88	243169.5072				150,765.09	92,404.41
Commercial	45	9.83	3,203,119.59		71,180.44		0.6200		
PA 1	0		0.00	0				0.00	0.00
PA 2	30		2,135,413.06	1708330.447				1,059,164.88	649,165.57
PA 3	15		1,067,706.53	854165.2237				529,582.44	324,582.78
Parking Garage	945.09	0.70	228,096.00				0.6133		
PA 1	282		56,790.50	45,432		0.248976288		27,865.20	17,567.19
PA 2	465		93,540.62	74,832		0.410093219		45,897.27	28,935.23
PA 3	387		77,764.88	62,212		0.340930493		38,156.64	24,055.27
Landscaping	431.159	19.47	6,344,327.41						
PA 1	1.50		1,982,602.31	1586081.851		0.3125			1,586,081.85
PA 2	1.70		2,246,949.29	1797559.432		0.354166667			1,797,559.43
PA 3	1.60		2,114,775.80	1691820.641		0.333333333			1,691,820.64

Removal of Septic from Wastewater Treatment

	Septic	Aerobic	Lagoons
Default	10.33	87.46	2.21
%		97.54%	2.46%
Additional		10.07540761	0.254592394
Revised		97.54	2.46

One San Pedro Specific Plan
Operational Emissions

Solid Waste

CalEEMod Defaults Used and incorporates a 25% reduction to account for the 75% total diversion requirements as 50% is assumed accounted for in CalEEMOD

		Scenario A				Scenario B			
		Default	**% red**	**Tons Red**	**Revised**	**Default**	**% red**	**Tons Red**	**Revised**
Existing		219.88	0.25	54.97	164.91				
Harbor		22.54		5.64	16.91				
PA1	Apt	157.78		39.45	118.34	192.28		48.07	144.21
	Town	14.72		3.68	11.04	14.72		3.68	11.04
	Park	0.13		0.03	0.10	0.13		0.03	0.10
	Neighborhood	29.76		7.44	22.32	36.27		9.07	27.20
PA2	Apt	276		69.00	207.00	309.58		77.40	232.19
	Commercial	26.25		6.56	19.69	34.41		8.60	25.81
	Park	0.15		0.04	0.11	0.15		0.04	0.11
	Neighborhood	27.9		6.98	20.93	28.35		7.09	21.26
PA3	Apt	244.26		61.07	183.20	177.1		44.28	132.83
	Condo	20.7		5.18	15.53	20.7		5.18	15.53
	Commercial	21		5.25	15.75	18.9		4.73	14.18
	Park	0.14		0.04	0.11	0.14		0.04	0.11
	Neighborhood	21.39		5.35	16.04	8.37		2.09	6.28

***Based on data in Soil Management Plan**

Building 14

	sf
Removal of Soil Volume Cubic yards	52,458

Building 13 and 12

	sf
Removal of Soil Volume Cubic yards	92,387

Building 16 and 17

	sf
Removal of Soil Volume Cubic yards	52,056

Building 15A

	sf
Removal of Soil Volume Cubic yards	24,325

Building 15B

	sf
Removal of Soil Volume Cubic yards	21,708

				Percent Clean Soil
inches sq	**Cube inches**	**Cubic feet**	**Cubic Yard**	0.639483
7553952	1608991776			
		931,130		
			34486.27778	

inches sq	**Cube inches**	**Cubic feet**	**Cubic Yard**
13303728	2594226960		
		1,501,289	
			55603.28704

inches sq	**Cube inches**	**Cubic feet**	**Cubic Yard**
7496064	1574173440		
		910,980	
			33740

inches sq	**Cube inches**	**Cubic feet**	**Cubic Yard**
3502800	420336000		
		243,250	
			9009.259259

inches sq	**Cube inches**	**Cubic feet**	**Cubic Yard**
3125952	375114240		
		217,080	
			8040

One San Pedro Specific Plan
Construction Summary Tables - Mitigated

Regional Construction Emissions

Phase/Overlap	ROG	NOx	CO	SO_2	PM10	PM2.5
Scenario A						
Harbor	2	13	37	<1	2	<1
PA1	7	34	133	<1	8	2
PA2	13	47	138	<1	8	2
PA3	16	41	32	<1	9	3
Overlap by Year						
2024	5	36	141	<1	7	2
2025	4	34	135	<1	6	2
2034	15	52	91	<1	16	4
2035	15	17	77	<1	15	4
Scenario B						
Harbor	2	13	37	<1	2	1
PA1	8	34	133	<1	8	2
PA2	15	47	138	<1	8	2
PA3	12	41	32	<1	9	3
Overlap by Year						
2024	5	36	141	<1	7	2
2025	4	34	135	<1	6	2
2034	16	52	91	<1	16	4
2035	15	17	77	<1	15	4
Maximum						
Scenario A	16	52	141	<1	16	4
Scenario B	16	52	141	<1	16	4
Threshold	75	100	550	150	150	55
Exceed Threshold	Yes	No	No	No	No	No

One San Pedro Specific Plan
Mitigated Construction and Operational Combined

Regional Construction& Operational Emissions - No Landscape Emissions Reduction

Phase/Overlap	ROG	NOx	CO	SO_2	PM10	PM2.5
Scenario A						
Construction of Phase 2 & 3; Operation Harbor and Phase 1						
Construction Phase 2 & 3	15	52	91	<1	16	4
Operation Harbor & Phase 1	20	8	104	<1	19	5
Total	35	59	195	<1	34	9
Construction Phase 3; Operation Harbor, Phase 1 and Phase 2						
Construction Phase 3	16	41	32	<1	9	3
Operation Harbor , P1 & P2	48	18	251	<1	47	13
Total	64	59	284	<1	56	16
Scenario B						
Construction of Phase 2 & 3; Operation Harbor and Phase 1						
Construction Phase 2 & 3	16	52	91	<1	16	4
Operation Harbor & Phase 1	24	9	123	0	22	6
Total	40	61	214	0	38	10
Construction Phase 3; Operation Harbor, Phase 1 and Phase 2						
Construction Phase 3	12	41	138	<1	8	2
Operation Harbor , P1 & P2	55	21	292	<1	55	15
Total	67	62	430	<1	63	18
Maximum						
Scenario A	64	59	284	<1	56	16
Scenario B	67	62	430	<1	63	18
Net						
Existing	-18	-9	-109	<1	-15	-4
Net Scenaro A	46	50	175	<1	41	11
Net Scenario B	49	53	322	<1	48	13
Threshold	55	55	550	150	150	55
Exceed Threshold	No	No	No	No	No	No

Number units in Phase 3	178
Number units in Phase 2	144
Number units in Phase 1	156
	478

One San Pedro Specific Plan
Mitigated Construction and Operational Combined

Regional Construction& Operational Emissions - Mitigated Operational

Phase/Overlap	ROG	NOx	CO	SO_2	PM10	PM2.5
Scenario A						
Construction of Phase 2 & 3; Operation Harbor and Phase 1						
Construction Phase 2 & 3	15	52	91	<1	16	4
Operation Harbor & Phase 1	20	7	94	<1	18	5
Total	34	59	185	<1	34	9
Construction Phase 3; Operation Harbor, Phase 1 and Phase 2						
Construction Phase 3	16	41	32	<1	9	3
Operation Harbor , P1 & P2	47	17	226	<1	47	13
Total	63	59	258	<1	56	15
Scenario B						
Construction of Phase 2 & 3; Operation Harbor and Phase 1						
Construction Phase 2 & 3	16	52	91	<1	16	4
Operation Harbor & Phase 1	23	9	111	<1	22	6
Total	40	60	201	<1	38	10
Construction Phase 3; Operation Harbor, Phase 1 and Phase 2						
Construction Phase 3	12	41	138	<1	8	2
Operation Harbor , P1 & P2	55	20	263	<1	55	15
Total	66	62	401	<1	63	17
Maximum						
Scenario A	63	59	258	<1	56	15
Scenario B	66	62	401	<1	63	17
Net						
Existing	-18	-9	-109	<1	-15	-4
Net Scenaro A	45	50	150	<1	41	11
Net Scenario B	48	52	293	<1	48	13
Threshold	55	55	550	150	150	55
Exceed Threshold	No	No	No	No	No	No

One San Pedro Specific Plan
Mitigated Health Risk Summary Tables

Table 4.2-11 Construction Health Risk

Receptor	Receptor	Cancer Risk (per million)	Chronic Risk
Offsite Residential	145	9.1	0.039
Offsite Worker	394	4.0	0.037
Harbor Site	485	0.23	0.007
Existing PA 1	753	0.2	0.009
Existing PA 2	1181	6.3	0.03
Existing PA 3	1369	8.4	0.046
Future PA 1	531	2.67	0.058
Future PA 2	1205	0.56	0.023
Combined Existing & Future PA1		2.87	0.067
Combined Existing & Future PA2		6.86	0.03
SCAQMD Numeric Indicators		10	1
Significant?		No	No

Source: See Appendix AQ

One San Pedro Specific Plan
Construction Summary Tables - Mitigated

Localized Construction Emissions

Phase/Overlap		NOx	CO	PM10	PM2.5
Scenario A & B					
Harbor		7	33	1	<1
PA1		12	123	6	2
PA2		17	127	1	1
PA3		3	22	1	<1
Overlap by Year					
2024		13	131	2	1
2025		13	125	1	<1
2034		10	66	2	0
2035		7	49	<1	<1
Maximum					
Harbor		7	33	1	<1
	Threshold	32	789	13	4
	Exceed Threshold	**No**	**No**	**No**	**No**
PA1		12	123	6	2
	Threshold	65	1,530	14	5.6
	Exceed Threshold	**No**	**No**	**No**	**No**
PA2		17	127	1	1
	Threshold	65	1,530	14	5.6
	Exceed Threshold	No	No	No	No
PA3		3	22	1	<1
	Threshold	65	1,530	14	5.6
	Exceed Threshold	**No**	**No**	**No**	**No**
Max Overlap		13	131	2	1
	Threshold	65	1,530	14	5.6
	Exceed Threshold	**No**	**No**	**No**	**No**

One San Pedro Specific Plan
Mitigated Construction and Operational Combined

Localized Construction Emissions

Phase/Overlap	NOx	CO	PM10	PM2.5
Scenario A				
Construction of Phase 2 & 3; Operation Harbor and Phase 1				
Construction Phase 2 & 3	10	66	2	0
Operation Harbor & Phase 1	<1	35	<1	<1
Total	10	101	2	0
Construction Phase 3; Operation Harbor, Phase 1 and Phase 2				
Construction Phase 3	32	789	13	4
Operation Harbor, Phase 1 & Phase 2	<1	84	<1	<1
Total	32	873	13	4
Scenario B				
Construction of Phase 2 & 3; Operation Harbor and Phase 1				
Construction Phase 2 & 3	10	66	2	0
Operation Harbor & Phase 1	<1	41	<1	<1
Total	10	107	2	0
Construction Phase 3; Operation Harbor, Phase 1 and Phase 2				
Construction Phase 3	32	789	13	4
Operation Harbor, Phase 1 & Phase 2	1	97	<1	<1
Total	33	886	13	4
Maximum				
Scenario A	32	873	13	4
Scenario B	33	886	13	4
Net				
Existing	(9)	(109)	(15)	(4)
Net Scenaro A	23	765	-2	0
Net Scenario B	24	777	-2	0
Threshold	**65**	**1530**	**4**	**2**
Exceed Threshold	**No**	**No**	**No**	**No**

One San Pedro Specific Plan
Operational Summary Tables - Mitigated

Regional Operational Ei Unmitigated

Plan Area	ROG	NOx	CO	SO_2	PM10	PM2.5
Scenario A (lbs/day)						
Harbor	2	1	9	0	1	0
PA1	18	7	95	0	17	5
PA2	28	10	147	0	28	8
PA3	26	9	134	0	25	7
Total	74	27	385	1	72	20
Net Emissions						
Existing	18	9	109	0	15	4
Proposed Project SA	55	17	277	0	57	16
Scenario B (lbs/day)						
Harbor	2	1	9	0	1	0
PA1	21	8	114	0	21	6
PA2	32	12	169	0	33	9
PA3	18	6	94	0	17	5
Total	74	27	386	1	72	20
Net Emissions						
Existing	18	9	109	0	15	4
Proposed Project SB	55	17	277	0	57	16
Maximum (lbs/day)						
Scenario A	55.46	17	277	<1	57	16
Scenario B	55.38	17	277	<1	57	16
Threshold	55	55	550	150	150	55
Exceed Threshold	Yes	No	No	No	No	No

Source: See Appendix AQ

One San Pedro Specific Plan
Operational Summary Tables - Mitigated

***Regional Operational E**i* Mitigated

Plan Area	ROG	NOx	CO	SO_2	PM10	PM2.5
Scenario A (lbs/day)						
Harbor	2	1	8	0	1	0
PA1	18	7	86	0	17	5
PA2	27	10	132	0	28	8
PA3	25	9	120	0	25	7
Total	**72**	**26**	**346**	**1**	**72**	**20**
Net Emissions						
Existing	18	9	109	0	15	4
Proposed Project SA	54	17	237	0	57	15
Scenario B (lbs/day)						
Harbor	2	1	8	0	1	0
PA1	21	8	102	0	21	6
PA2	31	11	152	0	33	9
PA3	18	6	83	0	17	5
Total	**72**	**26**	**346**	**1**	**72**	**20**
Net Emissions						
Existing	18	9	109	0	15	4
Proposed Project SB	54	17	237	0	57	15
Maximum (lbs/day)						
Scenario A	54	17	237	<1	57	15
Scenario B	54	17	237	<1	57	15
Threshold	55	55	550	150	150	55
Exceed Threshold	No	No	No	No	No	No

Source: See Appendix AQ

One San Pedro Specific Plan
Operational Summary Tables - Mitigated

Localized Operational Emissions

Plan Area	NOx	CO	PM10	PM2.5
Scenario A (lbs/day)				
Harbor	<1	4	<1	<1
PA1	<1	31	<1	<1
PA2	1	49	<1	<1
PA3	1	48	1	<1
Total	1	132	1	<1
Net Emissions				
Existing	1	40	<1	<1
Proposed Project SA	<1	92	<1	<1
Scenario B (lbs/day)				
Harbor	<1	4	<1	<1
PA1	1	37	<1	<1
PA2	1	55	<1	<1
PA3	<1	35	<1	<1
Total	1	132	<1	<1
Net Emissions				
Existing	1	40	<1	<1
Proposed Project SB	<1	92	<1	<1
Maximum (lbs/day)				
Harbor	1	132	1	<1
Threshold (1 acre)	32	789	3	2
Exceed Threshold	No	No	No	No
Scenario A	1	49	1	<1
Scenario B	1	55	<1	<1
Threshold (5 acre)	65	1530	4	2
Exceed Threshold	No	No	No	No
Maximum Daily Concentration (Refined Analysis) (µg/m^3)				
Maximum Daily (lbs/day)	1	132	<1	<1
Maximum Daily Impact (1-hour Highest)	82	4,615	-	-
Threshold	188	22,857	-	-
Maximum Daily Impact (1-hour Highest)	-	2,726	-	-
Threshold	-	10,286	-	-
Maximum Daily Impact (24 hour)	-	-	0.58	0.58
Threshold	-	-	2.5	2.5
Maximum Daily Impact (Annual)	17.22	-	0.29	0.29
Threshold	57	-	1	1
Significant?	No	No	No	No

Source: See Appendix AQ

One San Pedro Specific Plan
GHG Emissions Summary

Construction

		Scenario A/B
Harbor		340
	2023	161.41
	2024	171.76
	2025	7.19
Phase 1		11,298.97
	2024	1,723.54
	2025	2,147.03
	2026	1,379.14
	2027	1,360.05
	2028	1,514.35
	2029	1,576.85
	2030	1,598.00
Phase 2		7,556.25
	2031	2,133
	2032	1,524

One San Pedro Specific Plan
GHG Emissions Summary

2033	1,430	
2034	1,630	
2035	839	
Phase 3		5,832.80
2034	1,846	
2035	1,448	
2036	1,533	
2037	1,007	
Total		25,028.37
Amortized		834.2791

Operational

	Total
Existing	
Area	8.25
Energy	485.47
Mobile	2,439.55
Waste	82.93
Water	92.06
Total	3,108.27
Population	1,157
Emissions/SP	2.69

	Project Scenario A				
	Harbor	**PA1**	**PA2**	**PA3**	**Total**
Area	0.8107	6.4839	10.3721	9.9909	27.6576
Energy	38.5771	263.7037	409.5104	375.9917	1,087.7829
Electric	38.5771	245.9933	390.7194	361.5123	1,036.8021
NG	0.0000	17.7104	18.7910	14.4794	50.9808
Mobile	70.4774	826.5162	1,537.8611	1,221.6162	3,656.4709
Vehicles	192.1468	2,433.0542	3,744.7323	3,299.7533	9,669.6866
Charging Stations	(121.67)	(1606.54)	(2206.87)	(2078.14)	(6013.22)
Waste	8.5041	76.3405	124.5838	115.9842	325.4126
Water	3.3111	17.8475	29.1307	27.5399	77.8292
Total	121.6804	1,190.8918	2,111.4581	1,751.1229	5,175.1532
Amortized Construction					834.2791
Total Operational					6,009.4323

One San Pedro Specific Plan
GHG Emissions Summary

PDF Emissions Reductions Quantification

	(MT CO_2e)	
	Scenario A	**Scenario B**
TDM Strategies (PDF GHG-3)		
Total Annual MT CO2e	9,670	9,533
Total VMT	33,717,870	33,717,649
MT CO2e/VMT	3.E-04	3.E-04
Total VMT	33,717,240	33,717,240
Daily VMT Reduction from TDM	1,968	1,968
Annual VMT Reduction from TDM	718,320	718,320
MT CO2e Reduction from TDM Implementation	(206)	(206)
Total Emissions (with TDM)	11,744	11,664
PV Solar (PDF GHG-1)		
Total Electric Emissions	1,037	1,097

One San Pedro Specific Plan
GHG Emissions Summary

15% onsite/offsite PV Solar	(156)	(165)
Reduced Electric Emissions	881	932

EV Charging Stations (PDF GHG-2)

Total Mobile Emissions	9,669.69	9,533.48
321 Charging Stations	(6,013)	(6,035)
Reduced Mobile Emissions	3,656	3,499

Operational

	Total
Existing	
Area	8.25
Energy	485.47
Mobile	2,439.55
Waste	82.93
Water	92.06
Total	3,108.27
Population	1,156.76
Emissions/SP	2.69

	Project Scenario B				
	Harbor	**PA1**	**PA2**	**PA3**	**Total**
Area	0.8107	7.7811	11.6359	7.4302	27.6579
Energy	38.5771	315.9650	474.9399	318.3280	1,147.8100
Electric	38.5771	294.3804	451.8372	312.0344	1,096.8291
NG	0.0000	21.5846	23.1027	6.2936	50.9809
Mobile	70.4774	804.4628	1,714.4171	909.2783	3,498.6355
Vehicles	192.1468	2,763.6555	4,362.6625	2,215.0104	9,533.4752
Charging Stations	(121.67)	(1959.19)	(2648.25)	(1305.73)	(6034.84)
Waste	8.5041	91.8047	140.4956	84.9552	325.7596
Water	3.3111	21.2201	32.7717	20.5262	77.8291
Total	121.6804	1,241.2337	2,374.2602	1,340.5179	5,077.6921
Amortized Construction					834.2791
Total Operational					5,911.9712

One San Pedro - Significance Determination Supporting Documentation
Emissions Summaries

GHG Construction Emissions

Year	Annual Emissions (MT of CO_2e)				
	Harbor	PA1	PA2	PA3	Total
2023	161				161
2024	172	1,724			1,895
2025	7	2,147			2,154
2006		1,379			1,379
2027		1,360			1,360
2028		1,514			1,514
2029		1,577			1,577
2030		1,598			1,598
2031			2,133		2,133
2037			1,524		1,524
2033			1,430		1,430
2034			1,630	1,846	3,476
2035			839	1,448	2,287
2036				1,533	1,533
2037				1,007	1,007
Total					25,028
Amortized over 30 years					834

One San Pedro Specific Plan
Operational Criteria Pollutant Summary - Mitigated
Max Daily

Existing Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		11.4762	0.4553	39.4781	0.00208	0	0.2181	0.2181	0	0.2181	0.2181
Energy		0.1018	0.8699	0.3702	0.00555	0	0.0703	0.0703	0	0.0703	0.0703
Mobile		6.6366	8.0923	68.7325	0.1469	14.44	0.1216	14.5616	3.8463	0.1133	3.9596
Total		**18.2146**	**9.4175**	**108.5808**	**0.15453**	**14.44**	**0.41**	**14.85**	**3.8463**	**0.4017**	**4.248**

Harbor Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		1.5408	0.0446	3.8739	0.0002	0	0.0215	0.0215	0	0.0215	0.0215
Energy		0	0	0	0	0	0	0	0	0	0
Mobile		0.658	0.6038	5.503	0.0113	1.2022	0.00839	1.2106	0.3203	0.00779	0.328
Total		**2.1988**	**0.6484**	**9.3769**	**0.0115**	**1.2022**	**0.02989**	**1.2321**	**0.3203**	**0.02929**	**0.3495**

PA1 - SA Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		10.7293	0.3563	30.9193	0.00164	0	0.1718	0.1718	0	0.1718	0.1718
Energy		0.00975	0.0886	0.0744	0.00053	0	0.00673	0.00673	0	0.00673	0.00673
Mobile		7.0746	6.4523	63.9644	0.1383	17.0573	0.0874	17.1446	4.5447	0.0812	4.626
Total		**17.81365**	**6.8972**	**94.9581**	**0.14047**	**17.0573**	**0.26593**	**17.32313**	**4.5447**	**0.25973**	**4.80453**

One San Pedro Specific Plan
Operational Criteria Pollutant Summary - Mitigated
Max Daily

PA2 - SA Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		17.1735	0.5697	49.3764	0.00262	0	0.2748	0.2748	0	0.2748	0.2748
Energy		0.0103	0.094	0.079	0.00056	0	0.00715	0.00715	0	0.00715	0.00715
Mobile		10.5775	9.3694	97.5295	0.2067	28.067	0.1044	28.1715	7.4796	0.0973	7.577
Total		**27.7613**	**10.0331**	**146.9849**	**0.20988**	**28.067**	**0.38635**	**28.45345**	**7.4796**	**0.37925**	**7.85895**

PA3 - SA Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		16.4468	0.5488	47.5625	0.00252	0	0.2648	0.2648	0	0.2648	0.2648
Energy		0.00797	0.0725	0.0609	0.00043	0	0.00551	0.00551	0	0.00551	0.00551
Mobile		9.448	8.3262	86.4436	0.1823	24.7257	0.0923	24.818	6.5892	0.086	6.6752
Total		**25.90277**	**8.9475**	**134.067**	**0.18525**	**24.7257**	**0.36261**	**25.08831**	**6.5892**	**0.35631**	**6.94551**

PA1 - SB Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		12.8885	0.4276	37.1047	0.00197	0	0.2062	0.2062	0	0.2062	0.2062
Energy		0.0119	0.108	0.0907	0.00065	0	0.00821	0.00821	0	0.00821	0.00821
Mobile		8.5097	7.7622	76.3274	0.1666	20.5541	0.1042	20.6583	5.4764	0.0969	5.5733
Total		**21.4101**	**8.2978**	**113.5228**	**0.16922**	**20.5541**	**0.31861**	**20.87271**	**5.4764**	**0.31131**	**5.78771**

One San Pedro Specific Plan
Operational Criteria Pollutant Summary - Mitigated
Max Daily

PA2 - SB Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		19.4955	0.6391	55.3912	0.00294	0	0.3083	0.3083	0	0.3083	0.3083
Energy		0.0127	0.1156	0.0971	0.00069	0	0.00879	0.00879	0	0.00879	0.00879
Mobile		12.2612	10.8826	113.3982	0.2408	32.7113	0.1215	32.8329	8.7173	0.1133	8.8306
Total		**31.7694**	**11.6373**	**168.8865**	**0.24443**	**32.7113**	**0.43859**	**33.14999**	**8.7173**	**0.43039**	**9.14769**

PA3 - SB Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		11.7774	0.4082	35.3744	0.00188	0	0.1969	0.1969	0	0.1969	0.1969
Energy		0.00346	0.0315	0.0265	0.00019	0	0.00239	0.00239	0	0.00239	0.00239
Mobile		6.433	5.6358	58.331	0.1222	16.565	0.0621	16.627	4.4144	0.0579	4.4723
Total		**18.21386**	**6.0755**	**93.7319**	**0.12427**	**16.565**	**0.26139**	**16.82629**	**4.4144**	**0.25719**	**4.67159**

One San Pedro Specific Plan
Operational Criteria Pollutant Summary - Mitigated
Winter

Existing Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		11.4762	0.4553	39.4781	2.08E-03		0.2181	0.2181		0.2181	0.2181
Energy		0.1018	0.8699	0.3702	5.55E-03		0.0703	0.0703		0.0703	0.0703
Mobile		6.5201	8.0923	66.9264	0.1405	14.44	0.1216	14.5616	3.8463	0.1133	3.9596
Total		**18.0982**	**9.4175**	**106.7746**	**0.1481**	**14.44**	**0.41**	**14.8501**	**3.8463**	**0.4018**	**4.2481**

Harbor Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		1.5408	0.0446	3.8739	2.00E-04		0.0215	0.0215		0.0215	0.0215
Energy		0	0	0	0		0	0		0	0
Mobile		0.6407	0.6038	5.5068	0.0108	1.2022	8.39E-03	1.2106	0.3203	7.79E-03	0.328
Total		**2.1815**	**0.6484**	**9.3806**	**0.011**	**1.2022**	**0.0299**	**1.2321**	**0.3203**	**0.0293**	**0.3495**

PA1 - SA Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		10.7293	0.3563	30.9193	1.64E-03		0.1718	0.1718		0.1718	0.1718
Energy		9.75E-03	0.0886	0.0744	5.30E-04		6.73E-03	6.73E-03		6.73E-03	6.73E-03
Mobile		6.901	6.4523	63.7974	0.1326	17.0573	0.0874	17.1446	4.5447	0.0812	4.626
Total		**17.6401**	**6.8972**	**94.7911**	**0.1348**	**17.0573**	**0.2659**	**17.3232**	**4.5447**	**0.2598**	**4.8045**

One San Pedro Specific Plan
Operational Criteria Pollutant Summary - Mitigated
Winter

PA2 - SA Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		17.1735	0.5697	49.3764	2.62E-03		0.2748	0.2748		0.2748	0.2748
Energy		0.0103	0.094	0.079	5.60E-04		7.15E-03	7.15E-03		7.15E-03	7.15E-03
Mobile		10.3373	9.3694	97.7194	0.1983	28.067	0.1044	28.1715	7.4796	0.0973	7.577
Total		**27.5211**	**10.0331**	**147.1748**	**0.2015**	**28.067**	**0.3864**	**28.4534**	**7.4796**	**0.3793**	**7.859**

PA3 - SA Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		16.4468	0.5488	47.5625	2.52E-03		0.2648	0.2648		0.2648	0.2648
Energy		7.97E-03	0.0725	0.0609	4.30E-04		5.51E-03	5.51E-03		5.51E-03	5.51E-03
Mobile		9.2261	8.3262	86.7071	0.1749	24.7257	0.0923	24.818	6.5892	0.086	6.6752
Total		**25.6808**	**8.9475**	**134.3305**	**0.1778**	**24.7257**	**0.3626**	**25.0882**	**6.5892**	**0.3563**	**6.9455**

PA1 - SB Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		12.8885	0.4276	37.1047	1.97E-03		0.2062	0.2062		0.2062	0.2062
Energy		0.0119	0.108	0.0907	6.50E-04		8.21E-03	8.21E-03		8.21E-03	8.21E-03
Mobile		8.3016	7.7622	76.1536	0.1598	20.5541	0.1042	20.6583	5.4764	0.0969	5.5733
Total		**21.202**	**8.2978**	**113.349**	**0.1624**	**20.5541**	**0.3186**	**20.8727**	**5.4764**	**0.3113**	**5.7877**

One San Pedro Specific Plan
Operational Criteria Pollutant Summary - Mitigated
Winter

PA2 - SB Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		19.4955	0.6391	55.3912	2.94E-03		0.3083	0.3083		0.3083	0.3083
Energy		0.0127	0.1156	0.0971	6.90E-04		8.79E-03	8.79E-03		8.79E-03	8.79E-03
Mobile		11.9865	10.8826	113.5701	0.231	32.7113	0.1215	32.8329	8.7173	0.1133	8.8306
Total		**31.4946**	**11.6372**	**169.0584**	**0.2347**	**32.7113**	**0.4386**	**33.15**	**8.7173**	**0.4304**	**9.1477**

PA3 - SB Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		11.7774	0.4082	35.3744	1.88E-03		0.1969	0.1969		0.1969	0.1969
Energy		3.46E-03	0.0315	0.0265	1.90E-04		2.39E-03	2.39E-03		2.39E-03	2.39E-03
Mobile		6.2762	5.6358	58.5842	0.1173	16.565	0.0621	16.627	4.4144	0.0579	4.4723
Total		**18.0571**	**6.0754**	**93.9851**	**0.1194**	**16.565**	**0.2614**	**16.8263**	**4.4144**	**0.2572**	**4.6716**

One San Pedro Specific Plan
Operational Criteria Pollutant Summary - Mitigated
Summer

Existing Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		11.4762	0.4553	39.4781	2.08E-03		0.2181	0.2181		0.2181	0.2181
Energy		0.1018	0.8699	0.3702	5.55E-03		0.0703	0.0703		0.0703	0.0703
Mobile		6.6366	7.5101	68.7325	0.1469	14.44	0.1215	14.5616	3.8463	0.1132	3.9595
Total		**18.2146**	**8.8353**	**108.5808**	**0.1545**	**14.44**	**0.41**	**14.85**	**3.8463**	**0.4017**	**4.248**

Harbor Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		1.5408	0.0446	3.8739	2.00E-04		0.0215	0.0215		0.0215	0.0215
Energy		0	0	0	0		0	0		0	0
Mobile		0.658	0.5593	5.503	0.0113	1.2022	8.39E-03	1.2106	0.3203	7.78E-03	0.328
Total		**2.1987**	**0.6039**	**9.3769**	**0.0115**	**1.2022**	**0.0299**	**1.2321**	**0.3203**	**0.0293**	**0.3495**

PA1 - SA Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		10.7293	0.3563	30.9193	1.64E-03		0.1718	0.1718		0.1718	0.1718
Energy		9.75E-03	0.0886	0.0744	5.30E-04		6.73E-03	6.73E-03		6.73E-03	6.73E-03
Mobile		7.0746	5.9835	63.9644	0.1383	17.0573	0.0874	17.1446	4.5447	0.0812	4.6259
Total		**17.8136**	**6.4284**	**94.958**	**0.1404**	**17.0573**	**0.2659**	**17.3231**	**4.5447**	**0.2597**	**4.8044**

One San Pedro Specific Plan
Operational Criteria Pollutant Summary - Mitigated
Summer

PA2 - SA Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		17.1735	0.5697	49.3764	2.62E-03		0.2748	0.2748		0.2748	0.2748
Energy		0.0103	0.094	0.079	5.60E-04		7.15E-03	7.15E-03		7.15E-03	7.15E-03
Mobile		10.5775	8.6816	97.5295	0.2067	28.067	0.1044	28.1714	7.4796	0.0973	7.5769
Total		**27.7613**	**9.3453**	**146.9849**	**0.2099**	**28.067**	**0.3864**	**28.4534**	**7.4796**	**0.3793**	**7.8589**

PA3 - SA Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		16.4468	0.5488	47.5625	2.52E-03		0.2648	0.2648		0.2648	0.2648
Energy		7.97E-03	0.0725	0.0609	4.30E-04		5.51E-03	5.51E-03		5.51E-03	5.51E-03
Mobile		9.448	7.715	86.4436	0.1823	24.7257	0.0922	24.8179	6.5892	0.086	6.6752
Total		**25.9027**	**8.3362**	**134.067**	**0.1852**	**24.7257**	**0.3625**	**25.0882**	**6.5892**	**0.3562**	**6.9454**

PA1 - SB Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		12.8885	0.4276	37.1047	1.97E-03		0.2062	0.2062		0.2062	0.2062
Energy		0.0119	0.108	0.0907	6.50E-04		8.21E-03	8.21E-03		8.21E-03	8.21E-03
Mobile		8.5097	7.1985	76.3274	0.1666	20.5541	0.1042	20.6582	5.4764	0.0968	5.5733
Total		**21.4101**	**7.734**	**113.5228**	**0.1692**	**20.5541**	**0.3185**	**20.8726**	**5.4764**	**0.3112**	**5.7876**

One San Pedro Specific Plan
Operational Criteria Pollutant Summary - Mitigated
Summer

PA2 - SB Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		19.4955	0.6391	55.3912	2.94E-03		0.3083	0.3083		0.3083	0.3083
Energy		0.0127	0.1156	0.0971	6.90E-04		8.79E-03	8.79E-03		8.79E-03	8.79E-03
Mobile		12.2612	10.0838	113.3982	0.2408	32.7113	0.1215	32.8328	8.7173	0.1132	8.8305
Total		**31.7694**	**10.8384**	**168.8865**	**0.2445**	**32.7113**	**0.4386**	**33.1499**	**8.7173**	**0.4303**	**9.1476**

PA3 - SB Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		11.7774	0.4082	35.3744	1.88E-03		0.1969	0.1969		0.1969	0.1969
Energy		3.46E-03	0.0315	0.0265	1.90E-04		2.39E-03	2.39E-03		2.39E-03	2.39E-03
Mobile		6.433	5.2219	58.331	0.1222	16.565	0.062	16.627	4.4144	0.0578	4.4723
Total		**18.2139**	**5.6616**	**93.7319**	**0.1243**	**16.565**	**0.2613**	**16.8263**	**4.4144**	**0.2571**	**4.6716**

One San Pedro Specific Plan
Landscaping Mitigation Quantification

Regional Operational En Mitigated

Plan Area	ROG	NOx	CO	SO_2	PM10	PM2.5
Scenario A (lbs/day)						
Harbor	2	1	8	0	1	0
PA1	18	7	86	0	17	5
PA2	27	10	132	0	28	8
PA3	25	9	120	0	25	7
Total	72	26	346	1	72	20
Net Emissions						
Existing	18	9	109	0	15	4
Proposed Project SA	54.28	17	237	0	57	15
Scenario B (lbs/day)						
Harbor	2	1	8	0	1	0
PA1	21	8	102	0	21	6
PA2	31	11	152	0	33	9
PA3	18	6	83	0	17	5
Total	72	26	346	1	72	20
Net Emissions						
Existing	18	9	109	0	15	4
Proposed Project SB	54.19	17	237	0	57	15
Maximum (lbs/day)						
Scenario A	54	17	237	<1	57	15
Scenario B	54	17	237	<1	57	15
Threshold	55	55	550	150	150	55
Exceed Threshold	No	No	No	No	No	No

Source: See Appendix AQ

One San Pedro Specific Plan
Landscaping Mitigation Quantification

Landscaping Emissions

	ROG	NOx	CO	SO_2	PM10	PM2.5
CAlEEMod Output	**Summer**					
Harbor	0.1163	0.0446	3.8739	2.00E-04	0.0215	0.0215
PA1SA	0.9287	0.3563	30.9193	1.64E-03	0.1718	0.1718
PA2SA	1.4825	0.5697	49.3764	2.62E-03	0.2748	0.2748
PA3SA	1.4279	0.5488	47.5625	2.52E-03	0.2648	0.2648
PA1SB	1.1146	0.4276	37.1047	1.97E-03	0.2062	0.2062
PA2SB	1.6636	0.6391	55.3912	2.94E-03	0.3083	0.3083
PA3SB	1.0614	0.4082	35.3744	1.88E-03	0.1969	0.1969
CAlEEMod Output	**Winter**					
Harbor	0.1163	0.0446	3.8739	2.00E-04	0.0215	0.0215
PA1SA	0.9287	0.3563	30.9193	1.64E-03	0.1718	0.1718
PA2SA	1.4825	0.5697	49.3764	2.62E-03	0.2748	0.2748
PA3SA	1.4279	0.5488	47.5625	2.52E-03	0.2648	0.2648
PA1SB	1.1146	0.4276	37.1047	1.97E-03	0.2062	0.2062
PA2SB	1.6636	0.6391	55.3912	2.94E-03	0.3083	0.3083
PA3SB	1.0614	0.4082	35.3744	1.88E-03	0.1969	0.1969
CAlEEMod Output	**Max**					
Harbor	0.1163	0.0446	3.8739	0.0002	0.0215	0.0215
PA1SA	0.9287	0.3563	30.9193	0.00164	0.1718	0.1718
PA2SA	1.4825	0.5697	49.3764	0.00262	0.2748	0.2748
PA3SA	1.4279	0.5488	47.5625	0.00252	0.2648	0.2648
PA1SB	1.1146	0.4276	37.1047	0.00197	0.2062	0.2062
PA2SB	1.6636	0.6391	55.3912	0.00294	0.3083	0.3083
PA3SB	1.0614	0.4082	35.3744	0.00188	0.1969	0.1969
% Electric	**30%** (Emissions Reductions)					
Harbor	0.03489	0.01338	1.16217	0.00006	0.00645	0.00645
PA1SA	0.27861	0.10689	9.27579	0.000492	0.05154	0.05154
PA2SA	0.44475	0.17091	14.81292	0.000786	0.08244	0.08244
PA3SA	0.42837	0.16464	14.26875	0.000756	0.07944	0.07944
PA1SB	0.33438	0.12828	11.13141	0.000591	0.06186	0.06186
PA2SB	0.49908	0.19173	16.61736	0.000882	0.09249	0.09249
PA3SB	0.31842	0.12246	10.61232	0.000564	0.05907	0.05907

One San Pedro Specific Plan
Construction Regional Criteria Pollutant Summary - Scenario A - Mitigated

Max Regional Daily Construction
Scenario A

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
By Year							
2023		0.9001	13.1006	36.7366	0.10096	2.4362	0.6864
2024		2.9458	34.1455	132.9652	0.2987	6.0858	1.8084
2025		3.2195	33.9731	132.7098	0.2964	7.2463	2.0951
2026		2.2345	10.024	49.3112	0.1172	6.375	1.7991
2027		2.1537	9.9185	48.4627	0.1155	6.3731	1.7973
2028		6.8806	10.4959	57.7439	0.13682	7.5211	2.1155
2029		6.7938	10.4009	57	0.13532	7.5189	2.1135
2030		6.7114	10.3169	56.3587	0.14284	7.5169	2.1116
2031		3.7379	46.705	138.3952	0.3582	7.8627	2.3457
2032		3.7308	18.568	101.952	0.19942	7.4128	2.2854
2033		1.794	9.4693	46.8193	0.1205	6.3353	1.7831
2034		13.332	41.3624	58.4364	0.1958	8.0956	2.2067
2035		13.282	10.1794	58.1196	0.14483	7.9259	2.1604
2036		16.3688	6.6099	21.5945	0.068	9.3272	2.5347
2037		16.3688	6.6099	21.5945	0.068	9.3272	2.5347
By Phase							
Harbor		1.64198	13.1006	36.7366	0.10096	2.4362	0.6864
PA1		6.8806	34.1455	132.9652	0.2987	7.5211	2.1155
PA2		13.332	46.705	138.3952	0.3582	7.8627	2.3457
PA3		16.3688	41.3624	32.3167	0.1958	9.3272	2.5347
Overlap By Year							
2024		4.58778	35.6166	141.1599	0.31126	6.6035	1.9581
2025		4.3272	34.1157	134.7623	0.29705	6.1643	1.8295
2034		14.7638	51.5791	90.7531	0.34132	15.5833	4.3125
2035		14.5833	16.6682	77.1656	0.21283	15.4123	4.2649

One San Pedro Specific Plan
Construction Regional Criteria Pollutant Summary - Scenario A - Mitigated

Emissions By Year and Planning Area

Scenario A

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
2023	Harbor	0.9001	13.1006	36.7366	0.10096	2.4362	0.6864
2024	Harbor	1.64198	1.4711	8.1947	0.01256	0.5177	0.1497
	P1	2.9458	34.1455	132.9652	0.2987	6.0858	1.8084
2025	Harbor	1.4135	0.1426	2.0525	0.00065	0.0787	0.0212
	PA1	3.2195	33.9731	132.7098	0.2964	7.2463	2.0951
2026	PA1	2.2345	10.024	49.3112	0.1172	6.375	1.7991
2027	PA1	2.1537	9.9185	48.4627	0.1155	6.3731	1.7973
2028	PA1	6.8806	10.4959	57.7439	0.13682	7.5211	2.1155
2029	PA1	6.7938	10.4009	57	0.13532	7.5189	2.1135
2030	PA1	6.7114	10.3169	56.3587	0.14284	7.5169	2.1116
2031	PA2	3.7379	46.705	138.3952	0.3582	7.8627	2.3457
2032	PA2	3.7308	18.568	101.952	0.19942	7.4128	2.2854
2033	PA2	1.794	9.4693	46.8193	0.1205	6.3353	1.7831
2034	PA2	13.332	10.2167	58.4364	0.14552	7.4877	2.1058
	PA3	1.4318	41.3624	32.3167	0.1958	8.0956	2.2067
2035	PA2	13.282	10.1794	58.1196	0.14483	7.4864	2.1045
	PA3	1.3013	6.4888	19.046	0.068	7.9259	2.1604
2036	PA3	16.3688	6.6099	21.5945	0.068	9.3272	2.5347
2037	PA3	16.3688	6.6099	21.5945	0.068	9.3272	2.5347
Phasing Overlaps by year							
2024	Harbor BC,AC,P1Demo	3.41768	12.2734	91.9732	0.14165	2.4495	0.7514
2024	Harbor BC,AC,P1Site Prep	1.87138	2.2305	19.0465	0.02798	0.7645	0.2322
2024	Harbor BC,AC,P1 Grading	4.58778	35.6166	141.1599	0.31126	6.6035	1.9581
2025	Harbor AC, P1 Grading	4.3272	34.1157	134.7623	0.29705	6.1643	1.8295
2025	Harbor AC, P1 Utilities	3.9682	12.8531	122.6546	0.20172	1.0612	0.5107
2034	PA2 PC,AC, PA3 Demo	13.6169	15.2968	70.3211	0.18122	9.7244	2.5803
	PA2 BC, AC, PA3 Site Prep	13.3423	10.2614	59.1355	0.14552	7.5213	2.1058
	PA2 BC, AC, PA3 Grading	14.3666	51.5791	90.7531	0.34132	14.7694	4.1635
	PA2 BC,AC, PA3 Utilities	13.6444	11.6661	72.2105	0.17052	7.8354	2.2235
	PA2 BC,AC, PA3 BC,Paving	14.7638	17.2735	80.7751	0.21442	15.5833	4.3125
2035	PA2 BC, AC, PA3 BC	14.5833	16.6682	77.1656	0.21283	15.4123	4.2649

One San Pedro Specific Plan
Construction Regional Criteria Pollutant Summary - Scenario A - Mitigated

Emissions by Phase, Planning Area, and Year

Scenario A

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
			lbs/day					
2023	Harbor	Site Prep - 2023	0.0516	0.1862	2.6537	0.00368	0.0392	0.01458
		Grading - 2023	0.8808	13.1006	36.7366	0.10096	2.4362	0.6864
		Utilities - 2023	0.9001	5.549	29.552	0.05217	0.5267	0.2484
		BC - 2023	0.23506	1.3356	6.2155	0.012	0.4391	0.1286
		Paving - 2023	0.4642	6.3115	16.545	0.02317	0.3149	0.1095
2024	PA1	Demolition - 2024	1.7757	10.8023	83.7785	0.12909	1.9318	0.6017
		Site Prep - 2024	0.2294	0.7594	10.8518	0.01542	0.2468	0.0825
		Grading - 2024	2.9458	34.1455	132.9652	0.2987	6.0858	1.8084
	Harbor	BC - 2024	0.22708	1.3269	6.1262	0.01189	0.439	0.1285
		AC - 2024	1.4149	0.1442	2.0685	0.00067	0.0787	0.0212
2025	PA1	Grading -2025	2.9137	33.9731	132.7098	0.2964	6.0856	1.8083
		BC - 2025	2.3229	10.1437	50.3113	0.1189	6.3766	1.8006
		Paving - 2025	0.8966	5.4143	40.62	0.0572	0.8697	0.2945
		Utilities - 2025	2.5547	12.7105	120.6021	0.20107	0.9825	0.4895
	Harbor	AC - 2025	1.4135	0.1426	2.0525	0.00065	0.0787	0.0212
2026	PA1	BC-2026	2.2345	10.024	49.3112	0.1172	6.375	1.7991
2027	PA1	BC - 2027	2.1537	9.9185	48.4627	0.1155	6.3731	1.7973
2028	PA1	BC-2028	2.08	9.8286	47.7612	0.1141	6.3711	1.7955
		AC - P1SA - 2028	4.8006	0.6673	9.9827	0.02272	1.15	0.32
2029	PA1	BC - 2029	2.0074	9.7452	47.14	0.1128	6.3693	1.7938
		AC - P1SA - 2029	4.7864	0.6557	9.86	0.02252	1.1496	0.3197
2030	PA1	BC -2030	1.9385	9.6713	46.6047	0.1205	6.3676	1.7922
		AC - P1SA - 2030	4.7729	0.6456	9.754	0.02234	1.1493	0.3194

One San Pedro Specific Plan
Construction Regional Criteria Pollutant Summary - Scenario A - Mitigated

Emissions by Phase, Planning Area, and Year

Scenario A

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
			lbs/day					
2031	PA2	Demolition - 2031	2.5977	16.3979	81.6065	0.16691	2.4602	0.7701
		Site Prep - 2031	0.2081	0.7396	10.6502	0.0181	0.2464	0.0821
		Grading - 2031	3.0275	46.705	138.3952	0.3582	7.8627	2.3457
		Utilities -2031	3.7379	17.0582	101.9999	0.19951	1.2202	0.7272
2032	PA2	BC - 2032	1.8472	9.5149	47.1639	0.1213	6.3366	1.7843
		Utilities - 2032	3.7308	17.0537	101.952	0.19942	1.22	0.727
		Paving - 2032	1.5988	9.0531	38.7022	0.06781	1.0762	0.5011
2033	PA2	BC - 2033	1.794	9.4693	46.8193	0.1205	6.3353	1.7831
2034	PA2	BC - 2034	1.7464	9.4274	46.5035	0.1197	6.3341	1.782
		AC - P2SA - 2034	11.5856	0.7893	11.9329	0.02582	1.1536	0.3238
	PA3	Demolition - 2034	0.2849	5.0801	11.8847	0.0357	2.2367	0.4745
		Site Prep - 2034	0.0103	0.0447	0.6991	0	0.0336	0
		Grading - 2034	1.0346	41.3624	32.3167	0.1958	7.2817	2.0577
		Utilities - 2034	0.3124	1.4494	13.7741	0.025	0.3477	0.1177
		BC - 2034	1.3539	6.5341	19.3824	0.0689	7.9274	2.1618
		Paving - 2034	0.0779	0.5227	2.9563	0	0.1682	0.0449
2035	PA2	BC-2035	1.7047	9.3941	46.2399	0.1191	6.333	1.7809
		AC - P2SA - 2035	11.5773	0.7853	11.8797	0.02573	1.1534	0.3236
	PA3	BC - 2035	1.3013	6.4888	19.046	0.068	7.9259	2.1604
2036	PA3	BC - 2036	1.3013	6.4888	19.046	0.068	7.9259	2.1604
		AC - P3SA - 2036	15.0675	0.1211	2.5485	0	1.4013	0.3743
2037	PA3	BC-2037	1.3013	6.4888	19.046	0.068	7.9259	2.1604
		AC - P3SA - 2037	15.0675	0.1211	2.5485	0	1.4013	0.3743

One San Pedro Specific Plan
Construction Localized Criteria Pollutant Summary - Scenario A Mitigated

Max Local Daily Construction
Scenario A

	NOx	CO	PM10 Total	PM2.5 Total
	lbs/day			
By Year				
2023	7.3599	33.3329	0.5848	0.1485
2024	11.8858	123.4146	1.2416	0.3902
2025	11.8858	123.4146	1.2416	0.3902
2026	10.024	49.3112	6.375	1.7991
2027	5.341	33.1693	0.0851	0.0851
2028	6.0083	43.152	1.2351	0.4051
2029	5.8561	40.499	0.101	0.101
2030	5.8561	40.499	0.101	0.101
2031	16.9858	127.0164	1.2493	0.547
2032	16.9858	100.5896	0.547	0.547
2033	5.4946	34.4535	0.0898	0.0898
2034	6.1813	44.2264	1.4499	0.2424
2035	6.1813	44.2264	0.1109	0.1109
2036	0.6588	4.3512	0.0104	0.0104
2037	0.6588	4.3512	0.0104	0.0104
By Phase				
Harbor	7.3599	33.3329	0.5848	0.1485
PA1	11.8858	123.4146	6.375	1.7991
PA2	16.9858	127.0164	1.2493	0.547
PA3	3.4782	21.8517	1.4499	0.2424
Overlap By Year				
2024	13.3415	131.3732	1.6806	0.5187
2025	12.7208	125.247	1.2416	0.3902
2034	9.6595	66.0781	1.5608	0.3533
2035	6.8401	48.5776	0.1213	0.1213

One San Pedro Specific Plan
Construction Localized Criteria Pollutant Summary - Scenario A Mitigated

Emissions By Year and Planning Area

Scenario A

		NOx	CO	PM10 Total	PM2.5 Total
		lbs/day			
2023	Harbor	7.3599	33.3329	0.5848	0.1485
2024	Harbor	1.4557	7.9586	0.439	0.1285
	P1	11.8858	123.4146	1.2416	0.3902
2025	Harbor	0.1288	1.8324	0	0
	PA1	11.8858	123.4146	1.2416	0.3902
2026	PA1	10.024	49.3112	6.375	1.7991
2027	PA1	5.341	33.1693	0.0851	0.0851
2028	PA1	6.0083	43.152	1.2351	0.4051
2029	PA1	5.8561	40.499	0.101	0.101
2030	PA1	5.8561	40.499	0.101	0.101
2031	PA2	16.9858	127.0164	1.2493	0.547
2032	PA2	16.9858	100.5896	0.547	0.547
2033	PA2	5.4946	34.4535	0.0898	0.0898
2034	PA2	6.1813	44.2264	0.1109	0.1109
	PA3	3.4782	21.8517	1.4499	0.2424
2035	PA2	6.1813	44.2264	0.1109	0.1109
	PA3	0.6588	4.3512	0.0104	0.0104
2036	PA3	0.6588	4.3512	0.0104	0.0104
2037	PA3	0.6588	4.3512	0.0104	0.0104
Phasing Overlaps by year					
2024	arbor BC,AC,P1Demo	10.2453	88.6586	1.2023	0.4063
2024	or BC,AC,P1Site Prep	2.1711	18.1387	0.461	0.1505
2024	or BC,AC,P1 Grading	13.3415	131.3732	1.6806	0.5187
2025	arbor AC, P1 Grading	12.0146	125.247	1.2416	0.3902
2025	arbor AC, P1 Utilities	12.7208	120.5605	0.3082	0.3082
2034	A2 PC,AC, PA3 Demo	7.3798	54.767	1.5608	0.3533
	PA2 BC, AC, PA3 Site Prep	6.226	44.9255	0.1445	0.1109
	PA2 BC, AC, PA3 Grading	9.6595	66.0781	1.1328	0.2814
	PA2 BC,AC, PA3 Utilities	7.6025	57.4144	0.1447	0.1447
	PA2 BC,AC, PA3 BC,Paving	7.3477	51.2199	0.1213	0.1213
2035	PA2 BC, AC, PA3 BC	6.8401	48.5776	0.1213	0.1213

One San Pedro Specific Plan
Construction Localized Criteria Pollutant Summary - Scenario A Mitigated

Emissions by Phase, Planning Area, and Year

Scenario A

			NOx	CO	PM10 Total	PM2.5 Total
		lbs/day				
2023	Harbor	Site Prep - 2023	0.1788	2.545	0.0055	0.0055
		Grading - 2023	3.3137	33.3329	0.5848	0.1376
		Utilities - 2023	5.4676	28.3562	0.1556	0.1485
		BC - 2023	1.0484	0.00761	0	0
		Paving - 2023	6.3115	16.545	0.3149	0.1095
2024	PA1	Demolition - 2024	8.7896	80.7	0.7633	0.2778
		Site Prep - 2024	0.7154	10.1801	0.022	0.022
		Grading - 2024	11.8858	123.4146	1.2416	0.3902
	Harbor	BC - 2024	1.3269	6.1262	0.439	0.1285
		AC - 2024	0.1288	1.8324	0	0
2025	PA1	Grading -2025	11.8858	123.4146	1.2416	0.3902
		BC - 2025	5.341	33.1693	0.0851	0.0851
		Paving - 2025	5.2761	38.4337	0.083	0.083
		Utilities - 2025	12.592	118.7281	0.3082	0.3082
	Harbor	AC - 2025	0.1288	1.8324	0	0
2026	PA1	BC-2026	10.024	49.3112	6.375	1.7991
2027	PA1	BC - 2027	5.341	33.1693	0.0851	0.0851
2028	PA1	BC-2028	5.341	33.1693	0.0851	0.0851
		AC - P1SA - 2028	0.6673	9.9827	1.15	0.32
2029	PA1	BC - 2029	5.341	33.1693	0.0851	0.0851
		AC - P1SA - 2029	0.5151	7.3297	0.0159	0.0159
2030	PA1	BC -2030	5.341	33.1693	0.0851	0.0851
		AC - P1SA - 2030	0.5151	7.3297	0.0159	0.0159

One San Pedro Specific Plan
Construction Localized Criteria Pollutant Summary - Scenario A Mitigated

Emissions by Phase, Planning Area, and Year

Scenario A

			NOx	CO	PM10 Total	PM2.5 Total
			lbs/day			
2031	PA2	Demolition - 2031	13.6715	79.067	1.1502	0.4047
		Site Prep - 2031	10.1801	0.0165	0	0
		Grading - 2031	14.7312	127.0164	1.2493	0.3979
		Utilities -2031	16.9858	100.5896	0.547	0.547
2032	PA2	BC - 2032	5.4946	34.4535	0.0898	0.0898
		Utilities - 2032	16.9858	100.5896	0.547	0.547
		Paving - 2032	8.9739	37.1128	0.291	0.291
2033	PA2	BC - 2033	5.4946	34.4535	0.0898	0.0898
2034	PA2	BC - 2034	5.4946	34.4535	0.0898	0.0898
		AC - P2SA - 2034	0.6867	9.7729	0.0211	0.0211
	PA3	Demolition - 2034	1.1985	10.5406	1.4499	0.2424
		Site Prep - 2034	0.0447	0.6991	0.0336	0
		Grading - 2034	3.4782	21.8517	1.0219	0.1705
		Utilities - 2034	1.4212	13.188	0.0338	0.0338
		BC - 2034	0.6588	4.3512	0.0104	0.0104
		Paving - 2034	0.5076	2.6423	0	0
2035	PA2	BC-2035	5.4946	34.4535	0.0898	0.0898
		AC - P2SA - 2035	0.6867	9.7729	0.0211	0.0211
	PA3	BC - 2035	0.6588	4.3512	0.0104	0.0104
2036	PA3	BC - 2036	0.6588	4.3512	0.0104	0.0104
		AC - P3SA - 2036	0	0	0	0
2037	PA3	BC-2037	0.6588	4.3512	0.0104	0.0104
		AC - P3SA - 2037	0	0	0	0

One San Pedro Specific Plan
Construction Regional Criteria Pollutant Summary - Scenario B Mitigated

Max Regional Daily Construction
Scenario B

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
By Year							
2023		0.9001	13.1006	36.7366	0.10096	2.4362	0.6864
2024		2.9458	34.1455	132.9652	0.2987	6.0858	1.8084
2025		3.2195	33.9731	132.7098	0.2964	7.2463	2.0951
2026		2.2345	10.024	49.3112	0.1172	6.375	1.7991
2027		2.1537	9.9185	48.4627	0.1155	6.3731	1.7973
2028		7.7758	10.4959	57.7439	0.13682	7.5211	2.1155
2029		7.689	10.4009	57	0.13532	7.5189	2.1135
2030		7.6066	10.3169	56.3587	0.14284	7.5169	2.1116
2031		3.7379	46.705	138.3952	0.3582	7.8627	2.3457
2032		3.7308	18.568	101.952	0.19942	7.4128	2.2854
2033		1.794	9.4693	46.8193	0.1205	6.3353	1.7831
2034		14.9011	41.3624	58.4364	0.1958	8.0956	2.2067
2035		13.282	10.1794	58.1196	0.14483	7.9259	2.1604
2036		11.5195	6.6099	21.5945	0.068	9.3272	2.5347
2037		11.5195	6.6099	21.5945	0.068	9.3272	2.5347
By Phase							
Harbor		1.64198	13.1006	36.7366	0.10096	2.4362	0.6864
PA1		7.7758	34.1455	132.9652	0.2987	7.5211	2.1155
PA2		14.9011	46.705	138.3952	0.3582	7.8627	2.3457
PA3		11.5195	41.3624	32.3167	0.1958	9.3272	2.5347
Overlap By Year							
2024		4.58778	35.6166	141.1599	0.31126	6.6035	1.9581
2025		4.3272	34.1157	134.7623	0.29705	6.1643	1.8295
2034		16.3329	51.5791	90.7531	0.34132	15.5833	4.3125
2035		14.5833	16.6682	77.1656	0.21283	15.4123	4.2649

One San Pedro Specific Plan
Construction Regional Criteria Pollutant Summary - Scenario B Mitigated

Emissions By Year and Planning Area

Scenario B

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
2023	Harbor	0.9001	13.1006	36.7366	0.10096	2.4362	0.6864
2024	Harbor	1.64198	1.4711	8.1947	0.01256	0.5177	0.1497
	P1	2.9458	34.1455	132.9652	0.2987	6.0858	1.8084
2025	Harbor	1.4135	0.1426	2.0525	0.00065	0.0787	0.0212
	PA1	3.2195	33.9731	132.7098	0.2964	7.2463	2.0951
2026	PA1	2.2345	10.024	49.3112	0.1172	6.375	1.7991
2027	PA1	2.1537	9.9185	48.4627	0.1155	6.3731	1.7973
2028	PA1	7.7758	10.4959	57.7439	0.13682	7.5211	2.1155
2029	PA1	7.689	10.4009	57	0.13532	7.5189	2.1135
2030	PA1	7.6066	10.3169	56.3587	0.14284	7.5169	2.1116
2031	PA2	3.7379	46.705	138.3952	0.3582	7.8627	2.3457
2032	PA2	3.7308	18.568	101.952	0.19942	7.4128	2.2854
2033	PA2	1.794	9.4693	46.8193	0.1205	6.3353	1.7831
2034	PA2	14.9011	10.2167	58.4364	0.14552	7.4877	2.1058
	PA3	1.4318	41.3624	32.3167	0.1958	8.0956	2.2067
2035	PA2	13.282	10.1794	58.1196	0.14483	7.4864	2.1045
	PA3	1.3013	6.4888	19.046	0.068	7.9259	2.1604
2036	PA3	11.5195	6.6099	21.5945	0.068	9.3272	2.5347
2037	PA3	11.5195	6.6099	21.5945	0.068	9.3272	2.5347
Phasing Overlaps by year							
2024	Harbor BC,AC,P1Demo	3.41768	12.2734	91.9732	0.14165	2.4495	0.7514
2024	Harbor BC,AC,P1Site Prep	1.87138	2.2305	19.0465	0.02798	0.7645	0.2322
2024	Harbor BC,AC,P1 Grading	4.58778	35.6166	141.1599	0.31126	6.6035	1.9581
2025	Harbor AC, P1 Grading	4.3272	34.1157	134.7623	0.29705	6.1643	1.8295
2025	Harbor AC, P1 Utilities	3.9682	12.8531	122.6546	0.20172	1.0612	0.5107
2034	PA2 PC,AC, PA3 Demo	15.186	15.2968	70.3211	0.18122	9.7244	2.5803
	PA2 BC, AC, PA3 Site Prep	14.9114	10.2614	59.1355	0.14552	7.5213	2.1058
	PA2 BC, AC, PA3 Grading	15.9357	51.5791	90.7531	0.34132	14.7694	4.1635
	PA2 BC,AC, PA3 Utilities	15.2135	11.6661	72.2105	0.17052	7.8354	2.2235
	PA2 BC,AC, PA3 BC,Paving	16.3329	17.2735	80.7751	0.21442	15.5833	4.3125
2035	PA2 BC, AC, PA3 BC	14.5833	16.6682	77.1656	0.21283	15.4123	4.2649

One San Pedro Specific Plan
Construction Regional Criteria Pollutant Summary - Scenario B Mitigated

Emissions by Phase, Planning Area, and Year

Scenario B

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
			lbs/day					
2023	Harbor	Site Prep - 2023	0.0516	0.1862	2.6537	0.00368	0.0392	0.01458
		Grading - 2023	0.8808	13.1006	36.7366	0.10096	2.4362	0.6864
		Utilities - 2023	0.9001	5.549	29.552	0.05217	0.5267	0.2484
		BC - 2023	0.23506	1.3356	6.2155	0.012	0.4391	0.1286
		Paving - 2023	0.4642	6.3115	16.545	0.02317	0.3149	0.1095
2024	PA1	Demolition - 2024	1.7757	10.8023	83.7785	0.12909	1.9318	0.6017
		Site Prep - 2024	0.2294	0.7594	10.8518	0.01542	0.2468	0.0825
		Grading - 2024	2.9458	34.1455	132.9652	0.2987	6.0858	1.8084
	Harbor	BC - 2024	0.22708	1.3269	6.1262	0.01189	0.439	0.1285
		AC - 2024	1.4149	0.1442	2.0685	0.00067	0.0787	0.0212
2025	PA1	Grading -2025	2.9137	33.9731	132.7098	0.2964	6.0856	1.8083
		BC - 2025	2.3229	10.1437	50.3113	0.1189	6.3766	1.8006
		Paving - 2025	0.8966	5.4143	40.62	0.0572	0.8697	0.2945
		Utilities - 2025	2.5547	12.7105	120.6021	0.20107	0.9825	0.4895
	Harbor	AC - 2025	1.4135	0.1426	2.0525	0.00065	0.0787	0.0212
2026	PA1	BC-2026	2.2345	10.024	49.3112	0.1172	6.375	1.7991
2027	PA1	BC - 2027	2.1537	9.9185	48.4627	0.1155	6.3731	1.7973
2028	PA1	BC-2028	2.08	9.8286	47.7612	0.1141	6.3711	1.7955
		AC - P1SB - 2028	5.6958	0.6673	9.9827	0.02272	1.15	0.32
2029	PA1	BC - 2029	2.0074	9.7452	47.14	0.1128	6.3693	1.7938
		AC - P1SB - 2029	5.6816	0.6557	9.86	0.02252	1.1496	0.3197
2030	PA1	BC -2030	1.9385	9.6713	46.6047	0.1205	6.3676	1.7922
		AC - P1SB - 2030	5.6681	0.6456	9.754	0.02234	1.1493	0.3194

One San Pedro Specific Plan
Construction Regional Criteria Pollutant Summary - Scenario B Mitigated

Emissions by Phase, Planning Area, and Year

Scenario B

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
			lbs/day					
2031	PA2	Demolition - 2031	2.5977	16.3979	81.6065	0.16691	2.4602	0.7701
		Site Prep - 2031	0.2081	0.7396	10.6502	0.0181	0.2464	0.0821
		Grading - 2031	3.0275	46.705	138.3952	0.3582	7.8627	2.3457
		Utilities -2031	3.7379	17.0582	101.9999	0.19951	1.2202	0.7272
2032	PA2	BC - 2032	1.8472	9.5149	47.1639	0.1213	6.3366	1.7843
		Utilities - 2032	3.7308	17.0537	101.952	0.19942	1.22	0.727
		Paving - 2032	1.5988	9.0531	38.7022	0.06781	1.0762	0.5011
2033	PA2	BC - 2033	1.794	9.4693	46.8193	0.1205	6.3353	1.7831
2034	PA2	BC - 2034	1.7464	9.4274	46.5035	0.1197	6.3341	1.782
		AC - P2SB - 2034	13.1547	0.7893	11.9329	0.02582	1.1536	0.3238
	PA3	Demolition - 2034	0.2849	5.0801	11.8847	0.0357	2.2367	0.4745
		Site Prep - 2034	0.0103	0.0447	0.6991	0	0.0336	0
		Grading - 2034	1.0346	41.3624	32.3167	0.1958	7.2817	2.0577
		Utilities - 2034	0.3124	1.4494	13.7741	0.025	0.3477	0.1177
		BC - 2034	1.3539	6.5341	19.3824	0.0689	7.9274	2.1618
		Paving - 2034	0.0779	0.5227	2.9563	0	0.1682	0.0449
2035	PA2	BC-2035	1.7047	9.3941	46.2399	0.1191	6.333	1.7809
		AC - P2SA - 2035	11.5773	0.7853	11.8797	0.02573	1.1534	0.3236
	PA3	BC - 2035	1.3013	6.4888	19.046	0.068	7.9259	2.1604
2036	PA3	BC - 2036	1.3013	6.4888	19.046	0.068	7.9259	2.1604
		AC - P3SB - 2036	10.2182	0.1211	2.5485	0	1.4013	0.3743
2037	PA3	BC-2037	1.3013	6.4888	19.046	0.068	7.9259	2.1604
		AC - P3SB - 2037	10.2182	0.1211	2.5485	0	1.4013	0.3743

One San Pedro Specific Plan
Construction Localized Criteria Pollutant Summary - Scenario B Mitigated

Max Local Daily Construction
Scenario B

	NOx	CO	PM10 Total	PM2.5 Total
	lbs/day			
By Year				
2023	7.3599	33.3329	0.5848	0.1485
2024	11.8858	123.4146	1.2416	0.3902
2025	11.8858	123.4146	1.2416	0.3902
2026	10.024	49.3112	6.375	1.7991
2027	5.341	33.1693	0.0851	0.0851
2028	5.8561	40.499	0.101	0.101
2029	5.8561	40.499	0.101	0.101
2030	5.8561	40.499	0.101	0.101
2031	14.7312	127.0164	1.2493	0.4047
2032	16.9858	100.5896	0.547	0.547
2033	5.4946	34.4535	0.0898	0.0898
2034	6.1813	44.2264	1.4499	0.2424
2035	18.4641	35.1402	0.1109	0.1109
2036	0.6588	4.3512	0.0104	0.0104
2037	0.7799	6.8997	1.4117	0.3847
By Phase				
Harbor	7.3599	33.3329	0.5848	0.1485
PA1	11.8858	123.4146	6.375	1.7991
PA2	18.4641	127.0164	1.2493	0.547
PA3	3.4782	21.8517	1.4499	0.3847
Overlap By Year				
2024	13.3415	131.3732	1.6806	0.5187
2025	12.7208	125.247	1.2416	0.3902
2034	9.6595	66.0781	1.5608	0.3533
2035	19.1229	39.4914	0.1213	0.1213

One San Pedro Specific Plan
Construction Localized Criteria Pollutant Summary - Scenario B Mitigated

Emissions By Year and Planning Area

Scenario B

		NOx	CO	PM10 Total	PM2.5 Total
		lbs/day			
2023	Harbor	7.3599	33.3329	0.5848	0.1485
2024	Harbor	1.4557	7.9586	0.439	0.1285
	P1	11.8858	123.4146	1.2416	0.3902
2025	Harbor	0.1288	1.8324	0	0
	PA1	11.8858	123.4146	1.2416	0.3902
2026	PA1	10.024	49.3112	6.375	1.7991
2027	PA1	5.341	33.1693	0.0851	0.0851
2028	PA1	5.8561	40.499	0.101	0.101
2029	PA1	5.8561	40.499	0.101	0.101
2030	PA1	5.8561	40.499	0.101	0.101
2031	PA2	14.7312	127.0164	1.2493	0.4047
2032	PA2	16.9858	100.5896	0.547	0.547
2033	PA2	5.4946	34.4535	0.0898	0.0898
2034	PA2	6.1813	44.2264	0.1109	0.1109
	PA3	3.4782	21.8517	1.4499	0.2424
2035	PA2	18.4641	35.1402	0.1109	0.1109
	PA3	0.6588	4.3512	0.0104	0.0104
2036	PA3	0.6588	4.3512	0.0104	0.0104
2037	PA3	0.7799	6.8997	1.4117	0.3847
Phasing Overlaps by year					
2024	Harbor BC,AC,P1Demo	10.2453	88.6586	1.2023	0.4063
2024	Harbor BC,AC,P1Site Prep	2.1711	18.1387	0.461	0.1505
2024	Harbor BC,AC,P1 Grading	13.3415	131.3732	1.6806	0.5187
2025	Harbor AC, P1 Grading	12.0146	125.247	1.2416	0.3902
2025	Harbor AC, P1 Utilities	12.7208	120.5605	0.3082	0.3082
2034	PA2 PC,AC, PA3 Demo	7.3798	54.767	1.5608	0.3533
	PA2 BC, AC, PA3 Site Prep	6.226	44.9255	0.1445	0.1109
	PA2 BC, AC, PA3 Grading	9.6595	66.0781	1.1328	0.2814
	PA2 BC,AC, PA3 Utilities	7.6025	57.4144	0.1447	0.1447
	PA2 BC,AC, PA3 BC,Paving	7.3477	51.2199	0.1213	0.1213
2035	PA2 BC, AC, PA3 BC	19.1229	39.4914	0.1213	0.1213

One San Pedro Specific Plan
Construction Localized Criteria Pollutant Summary - Scenario B Mitigated

Emissions by Phase, Planning Area, and Year

Scenario B

			NOx	CO	PM10 Total	PM2.5 Total
			lbs/day			
2023	Harbor	Site Prep - 2023	0.1788	2.545	0.0055	0.0055
		Grading - 2023	3.3137	33.3329	0.5848	0.1376
		Utilities - 2023	5.4676	28.3562	0.1556	0.1485
		BC - 2023	1.0484	0.00761	0	0
		Paving - 2023	6.3115	16.545	0.3149	0.1095
2024	PA1	Demolition - 2024	8.7896	80.7	0.7633	0.2778
		Site Prep - 2024	0.7154	10.1801	0.022	0.022
		Grading - 2024	11.8858	123.4146	1.2416	0.3902
	Harbor	BC - 2024	1.3269	6.1262	0.439	0.1285
		AC - 2024	0.1288	1.8324	0	0
2025	PA1	Grading -2025	11.8858	123.4146	1.2416	0.3902
		BC - 2025	5.341	33.1693	0.0851	0.0851
		Paving - 2025	5.2761	38.4337	0.083	0.083
		Utilities - 2025	12.592	118.7281	0.3082	0.3082
	Harbor	AC - 2025	0.1288	1.8324	0	0
2026	PA1	BC-2026	10.024	49.3112	6.375	1.7991
2027	PA1	BC - 2027	5.341	33.1693	0.0851	0.0851
2028	PA1	BC-2028	5.341	33.1693	0.0851	0.0851
		AC - P1SB - 2028	0.5151	7.3297	0.0159	0.0159
2029	PA1	BC - 2029	5.341	33.1693	0.0851	0.0851
		AC - P1SB - 2029	0.5151	7.3297	0.0159	0.0159
2030	PA1	BC -2030	5.341	33.1693	0.0851	0.0851
		AC - P1SB - 2030	0.5151	7.3297	0.0159	0.0159

One San Pedro Specific Plan
Construction Localized Criteria Pollutant Summary - Scenario B Mitigated

Emissions by Phase, Planning Area, and Year

Scenario B

			NOx	CO	PM10 Total	PM2.5 Total
			lbs/day			
2031	PA2	Site Prep - 2031	13.6715	79.067	1.1502	0.4047
		Grading - 2031	10.1801	0.0165	0	0
		Utilities -2031	14.7312	127.0164	1.2493	0.3979
2032	PA2	BC - 2032	5.4946	34.4535	0.0898	0.0898
		Utilities - 2032	16.9858	100.5896	0.547	0.547
		Paving - 2032	8.9739	37.1128	0.291	0.291
2033	PA2	BC - 2033	5.4946	34.4535	0.0898	0.0898
2034	PA2	BC - 2034	5.4946	34.4535	0.0898	0.0898
		AC - P2SB - 2034	0.6867	9.7729	0.0211	0.0211
	PA3	Demolition - 2034	1.1985	10.5406	1.4499	0.2424
		Site Prep - 2034	0.0447	0.6991	0.0336	0
		Grading - 2034	3.4782	21.8517	1.0219	0.1705
		Utilities - 2034	1.4212	13.188	0.0338	0.0338
		BC - 2034	0.6588	4.3512	0.0104	0.0104
		Paving - 2034	0.5076	2.6423	0	0
2035	PA2	BC-2035	5.4946	34.4535	0.0898	0.0898
		AC - P2SA - 2035	12.9695	0.6867	0.0211	0.0211
	PA3	BC - 2035	0.6588	4.3512	0.0104	0.0104
2036	PA3	BC - 2036	0.6588	4.3512	0.0104	0.0104
		AC - P3SB - 2036	0	0	0	0
2037	PA3	BC-2037	0.6588	4.3512	0.0104	0.0104
		AC - P3SB - 2037	0.1211	2.5485	1.4013	0.3743

One San Pedro Specific Plan
AERMOD Emissions - Mitigated

Onsite Emissions

	Unmitigated	Days
H- Site Prep	0.0055	9
H- Grading	0.0822	9
H-Utilities Trenching	0.1556	9
H-Building Construction	0.0125	451
H- Paving	0.0338	5
H - Architectural Coating	0	225
PA1 - Demolition	0.1912	121
PA1 - Site Prep	0.022	61
PA1 - Grading	0.2871	121
PA1 - Utilities Trenching	0.3082	121
PA1 - Building Construction	0.0851	1395
PA1 - Paving	0.00429	20
PA1 - Architectural Coating	0.0159	698
PA2 - Demolition	0.2717	76
PA2 - Site Prep	0.022	38
PA2 - Grading	0.2948	76
PA2 - Utilities Trenching	0.547	76
PA2 - Building Construction	0.0898	878
PA2 - Paving	0.291	20
PA2 - Architectural Coating	0.0211	439
PA3 - Demolition	0.027	58
PA3 - Site Prep	0	29
PA3 - Grading	0.0674	58
PA3 - Utilities Trenching	0.0338	58
PA3 - Building Construction	0.0104	672
PA3 - Paving	0	20
PA3 - Architectural Coating	0.0211	336

Offsite Emissions

	lbs/day	days	lbs/phase	Miles	lbs/mile
H - Grading	0.0636	9	0.5734966	20	0.0286748
H - Building Const	0.00098	451	0.4418448	6.9	0.0640355
PA1 - Demo	0.0121	121	1.4681333	20	0.0734067
PA1 - Grading	0.1447	121	17.556933	20	0.8778467
PA1 - Building Const	0.0186	1395	25.9532	6.9	3.7613333
PA2 - Demo	0.0176	76	1.3438118	20	0.0671906
PA2 - Grading	0.2129	76	16.255541	20	0.8127771
PA2 - Building Const	0.0176	878	15.453835	6.9	2.2396863
PA3 - Demo	0.0258	58	1.5085412	20	0.0754271
PA3 - Grading	0.2529	58	14.787212	20	0.7393606
PA3 - Building Const	0.0254	672	17.079259	6.9	2.4752549

One San Pedro Specific Plan
Operational LST Emmissions

	Nox	CO	PM10	PM2.5
Operational lbs/day				
Harbor	0.0446	3.8739	0.0215	0.0215
	SA1			
PA1	0.4449	30.9937	0.17853	0.17853
PA2	0.6637	49.4554	0.28195	0.28195
PA3	0.6213	47.6234	0.27031	0.27031
	SA2			
PA1	0.5356	37.1954	0.21441	0.21441
PA2	0.7547	55.4883	0.31709	0.31709
PA3	0.4397	35.4009	0.19929	0.19929

	Nox	CO	PM10	PM2.5
Harbor	0.000234	0.020338	0.000113	0.000113
PA1	0.002336	0.162714	0.000937	0.000937
PA2	0.003484	0.259636	0.00148	0.00148
PA3	0.003262	0.250019	0.001419	0.001419

Assumptions and Constants:

365	days per year
453.59237	conversion from lbs to grams
24	hrs per day ops
60	minutes per hour
60	seconds per minute

One San Pedro Specific Plan
PA1 Construction - Mitigated
CalEEMod Summary

Max Daily - PA1

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Demolition - 2024	1.7757	10.8023	83.7785	0.12909	1.7233	0.20845	1.9318	0.3942	0.20754	0.6017
Onsite	1.4964	8.7896	80.7	0.1214	0.5721	0.1912	0.7633	0.0866	0.1912	0.2778
Offsite	0.2793	2.0127	3.0785	0.00769	1.1512	0.01725	1.1685	0.3076	0.01634	0.3239
Site Prep - 2024	0.2294	0.7594	10.8518	0.01542	0.2236	0.02329	0.2468	0.0593	0.02319	0.0825
Onsite	0.1651	0.7154	10.1801	0.0135	0	0.022	0.022	0	0.022	0.022
Offsite	0.0643	0.044	0.6717	0.00192	0.2236	0.00129	0.2248	0.0593	0.00119	0.0605
Grading - 2024	2.9458	34.1455	132.9652	0.2987	5.6447	0.44113	6.0858	1.3743	0.43409	1.8084
Onsite	2.2149	11.8858	123.4146	0.1864	0.9545	0.2871	1.2416	0.1031	0.2871	0.3902
Offsite	0.7309	22.2597	9.5506	0.1123	4.6902	0.15403	4.8442	1.2712	0.14699	1.4182
Grading -2025	2.9137	33.9731	132.7098	0.2964	5.6448	0.44098	6.0856	1.3743	0.43398	1.8083
Onsite	2.2149	11.8858	123.4146	0.1864	0.9545	0.2871	1.2416	0.1031	0.2871	0.3902
Offsite	0.6988	22.0873	9.2952	0.11	4.6903	0.15388	4.844	1.2712	0.14688	1.4181
Utilities - 2025	2.5547	12.7105	120.6021	0.20107	0.6707	0.31188	0.9825	0.1779	0.31158	0.4895
Onsite	2.3738	12.592	118.7281	0.1955	0	0.3082	0.3082	0	0.3082	0.3082
Offsite	0.1809	0.1185	1.874	0.00557	0.6707	0.00368	0.6743	0.1779	0.00338	0.1813
BC - 2025	2.3229	10.1437	50.3113	0.1189	6.242	0.1346	6.3766	1.6692	0.1313	1.8006
Onsite	0.7005	5.341	33.1693	0.055	0	0.0851	0.0851	0	0.0851	0.0851
Offsite	1.6224	4.8027	17.142	0.0639	6.242	0.0495	6.2915	1.6692	0.0462	1.7155
BC-2026	2.2345	10.024	49.3112	0.1172	6.242	0.133	6.375	1.6692	0.1298	1.7991
Onsite	0.7005	5.341	33.1693	0.055	0	0.0851	0.0851	0	0.0851	0.0851
Offsite	1.534	4.683	16.1419	0.0622	6.242	0.0479	6.2899	1.6692	0.0447	1.714
BC - 2027	2.1537	9.9185	48.4627	0.1155	6.242	0.1311	6.3731	1.6692	0.1281	1.7973
Onsite	0.7005	5.341	33.1693	0.055	0	0.0851	0.0851	0	0.0851	0.0851
Offsite	1.4532	4.5775	15.2934	0.0605	6.242	0.046	6.288	1.6692	0.043	1.7122
BC-2028	2.08	9.8286	47.7612	0.1141	6.2421	0.1291	6.3711	1.6692	0.1262	1.7955
Onsite	0.7005	5.341	33.1693	0.055	0	0.0851	0.0851	0	0.0851	0.0851
Offsite	1.3795	4.4876	14.5919	0.0591	6.2421	0.044	6.286	1.6692	0.0411	1.7104
BC - 2029	2.0074	9.7452	47.14	0.1128	6.2421	0.1272	6.3693	1.6692	0.1245	1.7938
Onsite	0.7005	5.341	33.1693	0.055	0	0.0851	0.0851	0	0.0851	0.0851
Offsite	1.3069	4.4042	13.9707	0.0578	6.2421	0.0421	6.2842	1.6692	0.0394	1.7087

One San Pedro Specific Plan
PA1 Construction - Mitigated
CalEEMod Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
BC -2030	1.9385	9.6713	46.6047	0.1205	6.2421	0.1255	6.3676	1.6692	0.1229	1.7922
Onsite	0.7005	5.341	33.1693	0.0639	0	0.0851	0.0851	0	0.0851	0.0851
Offsite	1.238	4.3303	13.4354	0.0566	6.2421	0.0404	6.2825	1.6692	0.0378	1.7071
Paving - 2025	0.8966	5.4143	40.62	0.0572	0.7824	0.08729	0.8697	0.2075	0.08695	0.2945
Onsite	0.6856	5.2761	38.4337	0.0507	0	0.083	0.083	0	0.083	0.083
Offsite	0.211	0.1382	2.1863	0.0065	0.7824	0.00429	0.7867	0.2075	0.00395	0.2115
AC - P1SA - 2028	4.8006	0.6673	9.9827	0.02272	1.1289	0.02103	1.15	0.2994	0.02062	0.32
Onsite	4.5435	0.5151	7.3297	0.0141	0	0.0159	0.0159	0	0.0159	0.0159
Offsite	0.2571	0.1522	2.653	0.00862	1.1289	0.00513	1.1341	0.2994	0.00472	0.3041
AC - P1SA - 2029	4.7864	0.6557	9.86	0.02252	1.1289	0.02068	1.1496	0.2994	0.0203	0.3197
Onsite	4.5435	0.5151	7.3297	0.0141	0	0.0159	0.0159	0	0.0159	0.0159
Offsite	0.2429	0.1406	2.5303	0.00842	1.1289	0.00478	1.1337	0.2994	0.0044	0.3038
AC - P1SA - 2030	4.7729	0.6456	9.754	0.02234	1.1289	0.02036	1.1493	0.2994	0.02001	0.3194
Onsite	4.5435	0.5151	7.3297	0.0141	0	0.0159	0.0159	0	0.0159	0.0159
Offsite	0.2294	0.1305	2.4243	0.00824	1.1289	0.00446	1.1334	0.2994	0.00411	0.3035
AC - P1SB - 2028	5.6958	0.6673	9.9827	0.02272	1.1289	0.02103	1.15	0.2994	0.02062	0.32
Onsite	5.4387	0.5151	7.3297	0.0141	0	0.0159	0.0159	0	0.0159	0.0159
Offsite	0.2571	0.1522	2.653	0.00862	1.1289	0.00513	1.1341	0.2994	0.00472	0.3041
AC - P1SB - 2029	5.6816	0.6557	9.86	0.02252	1.1289	0.02068	1.1496	0.2994	0.0203	0.3197
Onsite	5.4387	0.5151	7.3297	0.0141	0	0.0159	0.0159	0	0.0159	0.0159
Offsite	0.2429	0.1406	2.5303	0.00842	1.1289	0.00478	1.1337	0.2994	0.0044	0.3038
AC - P1SB - 2030	5.6681	0.6456	9.754	0.02234	1.1289	0.02036	1.1493	0.2994	0.02001	0.3194
Onsite	5.4387	0.5151	7.3297	0.0141	0	0.0159	0.0159	0	0.0159	0.0159
Offsite	0.2294	0.1305	2.4243	0.00824	1.1289	0.00446	1.1334	0.2994	0.00411	0.3035

One San Pedro Specific Plan
PA1 Construction - Mitigated
CalEEMod Summary

Demolition - 2024

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Fugitive Dust	0	0	0	0	0.5721	0	0.5721	0.0866	0	0.0866
Off-Road	1.4964	8.7896	80.7	0.1214	0	0.1912	0.1912	0	0.1912	0.1912
Hauling	0.0222	1.8368	0.3919	0	0.257	0.0121	0.2691	0.0704	0.0116	0.082
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2571	0.1759	2.6866	0.00769	0.8942	0.00515	0.8994	0.2372	0.00474	0.2419
Total	1.7757	10.8023	83.7785	0.12909	1.7233	0.20845	1.9318	0.3942	0.20754	0.6017

Site Prep - 2024

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.1651	0.7154	10.1801	0.0135	0	0.022	0.022	0	0.022	0.022
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.0643	0.044	0.6717	0.00192	0.2236	0.00129	0.2248	0.0593	0.00119	0.0605
Total	0.2294	0.7594	10.8518	0.01542	0.2236	0.02329	0.2468	0.0593	0.02319	0.0825

Grading - 2024

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Fugitive Dust	0	0	0	0	0.9545	0	0.9545	0.1031	0	0.1031
Off-Road	2.2149	11.8858	123.4146	0.1864	0	0.2871	0.2871	0	0.2871	0.2871
Hauling	0.2649	21.9408	4.6811	0.0984	3.0694	0.1447	3.2141	0.8414	0.1384	0.9798
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.466	0.3189	4.8695	0.0139	1.6208	0.00933	1.6301	0.4298	0.00859	0.4384
Total	2.9458	34.1455	132.9652	0.2987	5.6447	0.44113	6.0858	1.3743	0.43409	1.8084

Grading -2025

One San Pedro Specific Plan
PA1 Construction - Mitigated
CalEEMod Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day										
Fugitive Dust	0	0	0	0	0.9545	0	0.9545	0.1031	0	0.1031
Off-Road	2.2149	11.8858	123.4146	0.1864	0	0.2871	0.2871	0	0.2871	0.2871
Hauling	0.2617	21.801	4.7664	0.0965	3.0695	0.145	3.2144	0.8414	0.1387	0.9801
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.4371	0.2863	4.5288	0.0135	1.6208	0.00888	1.6296	0.4298	0.00818	0.438
Total	2.9137	33.9731	132.7098	0.2964	5.6448	0.44098	6.0856	1.3743	0.43398	1.8083

Utilities - 2025

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day										
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	2.3738	12.592	118.7281	0.1955	0	0.3082	0.3082	0	0.3082	0.3082
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1809	0.1185	1.874	0.00557	0.6707	0.00368	0.6743	0.1779	0.00338	0.1813
Total	2.5547	12.7105	120.6021	0.20107	0.6707	0.31188	0.9825	0.1779	0.31158	0.4895

BC - 2025

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day										
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.7005	5.341	33.1693	0.055	0	0.0851	0.0851	0	0.0851	0.0851
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.1031	3.8077	1.4006	0.0171	0.6085	0.0186	0.6271	0.1752	0.0178	0.193
Worker	1.5193	0.995	15.7414	0.0468	5.6335	0.0309	5.6644	1.494	0.0284	1.5225
Total	2.3229	10.1437	50.3113	0.1189	6.242	0.1346	6.3766	1.6692	0.1313	1.8006

BC-2026

One San Pedro Specific Plan
PA1 Construction - Mitigated
CalEEMod Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day										
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.7005	5.341	33.1693	0.055	0	0.0851	0.0851	0	0.0851	0.0851
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.1005	3.7802	1.3808	0.0168	0.6085	0.0186	0.6271	0.1752	0.0178	0.193
Worker	1.4335	0.9028	14.7611	0.0454	5.6335	0.0293	5.6628	1.494	0.0269	1.521
Total	2.2345	10.024	49.3112	0.1172	6.242	0.133	6.375	1.6692	0.1298	1.7991

BC - 2027

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day										
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.7005	5.341	33.1693	0.055	0	0.0851	0.0851	0	0.0851	0.0851
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0983	3.7527	1.3646	0.0164	0.6085	0.0185	0.627	0.1752	0.0177	0.1929
Worker	1.3549	0.8248	13.9288	0.0441	5.6335	0.0275	5.661	1.494	0.0253	1.5193
Total	2.1537	9.9185	48.4627	0.1155	6.242	0.1311	6.3731	1.6692	0.1281	1.7973

BC-2028

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day										
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.7005	5.341	33.1693	0.055	0	0.0851	0.0851	0	0.0851	0.0851
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0965	3.7283	1.3533	0.0161	0.6086	0.0184	0.6269	0.1752	0.0176	0.1928
Worker	1.283	0.7593	13.2386	0.043	5.6335	0.0256	5.6591	1.494	0.0235	1.5176
Total	2.08	9.8286	47.7612	0.1141	6.2421	0.1291	6.3711	1.6692	0.1262	1.7955

BC - 2029

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

One San Pedro Specific Plan
PA1 Construction - Mitigated
CalEEMod Summary

lbs/day										
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.7005	5.341	33.1693	0.055	0	0.0851	0.0851	0	0.0851	0.0851
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0948	3.7027	1.3442	0.0158	0.6086	0.0182	0.6268	0.1752	0.0174	0.1927
Worker	1.2121	0.7015	12.6265	0.042	5.6335	0.0239	5.6574	1.494	0.022	1.516
Total	2.0074	9.7452	47.14	0.1128	6.2421	0.1272	6.3693	1.6692	0.1245	1.7938

BC -2030

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day										
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.7005	5.341	33.1693	0.0639	0	0.0851	0.0851	0	0.0851	0.0851
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0935	3.6793	1.338	0.0155	0.6086	0.0181	0.6267	0.1752	0.0173	0.1926
Worker	1.1445	0.651	12.0974	0.0411	5.6335	0.0223	5.6558	1.494	0.0205	1.5145
Total	1.9385	9.6713	46.6047	0.1205	6.2421	0.1255	6.3676	1.6692	0.1229	1.7922

Paving - 2025

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day										
Off-Road	0.6856	5.2761	38.4337	0.0507	0	0.083	0.083	0	0.083	0.083
Paving	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.211	0.1382	2.1863	0.0065	0.7824	0.00429	0.7867	0.2075	0.00395	0.2115
Total	0.8966	5.4143	40.62	0.0572	0.7824	0.08729	0.8697	0.2075	0.08695	0.2945

AC - P1SA - 2028

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day										

One San Pedro Specific Plan
PA1 Construction - Mitigated
CalEEMod Summary

Arch. Coat	4.4246	0	0	0	0	0	0	0	0	0
Off-Road	0.1189	0.5151	7.3297	0.0141	0	0.0159	0.0159	0	0.0159	0.0159
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2571	0.1522	2.653	0.00862	1.1289	0.00513	1.1341	0.2994	0.00472	0.3041
Total	4.8006	0.6673	9.9827	0.02272	1.1289	0.02103	1.15	0.2994	0.02062	0.32

AC - P1SA - 2029

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Arch. Coating	4.4246	0	0	0	0	0	0	0	0	0
Off-Road	0.1189	0.5151	7.3297	0.0141	0	0.0159	0.0159	0	0.0159	0.0159
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2429	0.1406	2.5303	0.00842	1.1289	0.00478	1.1337	0.2994	0.0044	0.3038
Total	4.7864	0.6557	9.86	0.02252	1.1289	0.02068	1.1496	0.2994	0.0203	0.3197

AC - P1SA - 2030

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Arch. Coating	4.4246	0	0	0	0	0	0	0	0	0
Off-Road	0.1189	0.5151	7.3297	0.0141	0	0.0159	0.0159	0	0.0159	0.0159
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2294	0.1305	2.4243	0.00824	1.1289	0.00446	1.1334	0.2994	0.00411	0.3035
Total	4.7729	0.6456	9.754	0.02234	1.1289	0.02036	1.1493	0.2994	0.02001	0.3194

AC - P1SB - 2028

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Arch. Coating	5.3198	0	0	0	0	0	0	0	0	0

One San Pedro Specific Plan
PA1 Construction - Mitigated
CalEEMod Summary

Off-Road	0.1189	0.5151	7.3297	0.0141	0	0.0159	0.0159	0	0.0159	0.0159
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2571	0.1522	2.653	0.00862	1.1289	0.00513	1.1341	0.2994	0.00472	0.3041
Total	5.6958	0.6673	9.9827	0.02272	1.1289	0.02103	1.15	0.2994	0.02062	0.32

AC - P1SB - 2029

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Arch. Coating	5.3198	0	0	0	0	0	0	0	0	0
Off-Road	0.1189	0.5151	7.3297	0.0141	0	0.0159	0.0159	0	0.0159	0.0159
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2429	0.1406	2.5303	0.00842	1.1289	0.00478	1.1337	0.2994	0.0044	0.3038
Total	5.6816	0.6557	9.86	0.02252	1.1289	0.02068	1.1496	0.2994	0.0203	0.3197

AC - P1SB - 2030

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Arch. Coating	5.3198	0	0	0	0	0	0	0	0	0
Off-Road	0.1189	0.5151	7.3297	0.0141	0	0.0159	0.0159	0	0.0159	0.0159
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2294	0.1305	2.4243	0.00824	1.1289	0.00446	1.1334	0.2994	0.00411	0.3035
Total	5.6681	0.6456	9.754	0.02234	1.1289	0.02036	1.1493	0.2994	0.02001	0.3194

One San Pedro Specific Plan
PA1 Construction - Mitigated
CalEEMod Winter

Construction for Scenario A and B were modeled together. As construction schedule and equipipment does not change between scenarios, the only differes is the amount of architectural coating application. Therefore the architectural coating phases for each Scenario are called out as a separate phase in the CalEEMod modeling. Therefore, the Summaries in the CalEEMod output will overestimate emissions from architectural coating as the model assumes both scenarios are being coated at the same time.

One San Pedro Specific Plan
PA1 Construction - Mitigated
CalEEMod Winter

Demolition - 2024 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					0.5721	0	0.5721	0.0866	0	0.0866
Off-Road	1.4964	8.7896	80.7	0.1214		0.1912	0.1912		0.1912	0.1912
Hauling	0.0214	1.8368	0.3919	8.2400e-003	0.257	1.21E-02	0.2691	0.0704	1.16E-02	0.082
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2571	0.1759	2.4716	7.29E-03	0.8942	5.15E-03	0.8994	0.2372	4.74E-03	0.2419
Total	1.7749	10.8023	83.5635	0.12869	1.7233	0.20845	1.9318	0.3942	0.20754	0.6017

Site Prep - 2024 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					0	0	0	0	0	0
Off-Road	0.1651	0.7154	10.1801	0.0135		0.022	0.022		0.022	0.022
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.0643	0.044	0.6179	1.82E-03	0.2236	1.29E-03	0.2248	0.0593	1.19E-03	0.0605
Total	0.2294	0.7594	10.798	0.01532	0.2236	0.02329	0.2468	0.0593	0.02319	0.0825

Grading - 2024 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					0.9545	0	0.9545	0.1031	0	0.1031
Off-Road	2.2109	11.8858	123.1741	0.186		0.2865	0.2865		0.2865	0.2865
Hauling	0.255	21.9408	4.6811	0.0984	3.0694	0.1447	3.2141	0.8414	0.1384	0.9798
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.466	0.3189	4.4798	0.0132	1.6208	9.33E-03	1.6301	0.4298	8.59E-03	0.4384
Total	2.9319	34.1455	132.335	0.2976	5.6447	0.44053	6.0852	1.3743	0.43349	1.8078

Grading -2025 Winter

One San Pedro Specific Plan
PA1 Construction - Mitigated
CalEEMod Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						0.9545	0	0.9545	0.1031	0	0.1031
Off-Road		2.2109	11.8858	123.1741	0.186		0.2865	0.2865		0.2865	0.2865
Hauling		0.2519	21.801	4.7664	0.0965	3.0695	0.145	3.2144	0.8414	0.1387	0.9801
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.4371	0.2863	4.1696	0.0128	1.6208	8.88E-03	1.6296	0.4298	8.18E-03	0.438
Total		2.8999	33.9731	132.1101	0.2953	5.6448	0.44038	6.085	1.3743	0.43338	1.8077

Utilities - 2025 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		2.3738	12.592	118.7281	0.1955		0.3082	0.3082		0.3082	0.3082
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1809	0.1185	1.7253	5.28E-03	0.6707	3.68E-03	0.6743	0.1779	3.38E-03	0.1813
Total		2.5547	12.7105	120.4534	0.20078	0.6707	0.31188	0.9825	0.1779	0.31158	0.4895

BC - 2025 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.7005	5.341	33.1538	0.0549		0.0851	0.0851		0.0851	0.0851
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.099	3.8077	1.4006	0.0171	0.6085	0.0186	0.6271	0.1752	0.0178	0.193
Worker		1.5193	0.995	14.4928	0.0443	5.6335	0.0309	5.6644	1.494	0.0284	1.5225
Total		2.3188	10.1437	49.0472	0.1163	6.242	0.1346	6.3766	1.6692	0.1313	1.8006

BC-2026 Winter

One San Pedro Specific Plan
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		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.7005	5.341	33.1538	0.0549		0.0851	0.0851		0.0851	0.0851
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.0963	3.7802	1.3808	0.0168	0.6085	0.0186	0.6271	0.1752	0.0178	0.193
Worker		1.4335	0.9028	13.5981	0.043	5.6335	0.0293	5.6628	1.494	0.0269	1.521
Total		2.2303	10.024	48.1327	0.1147	6.242	0.133	6.375	1.6692	0.1298	1.7991

BC - 2027 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.7005	5.341	33.1538	0.0549		0.0851	0.0851		0.0851	0.0851
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.094	3.7527	1.3646	0.0164	0.6085	0.0185	0.627	0.1752	0.0177	0.1929
Worker		1.3549	0.8248	12.8376	0.0418	5.6335	0.0275	5.661	1.494	0.0253	1.5193
Total		2.1494	9.9185	47.356	0.1131	6.242	0.1311	6.3731	1.6692	0.1281	1.7973

BC-2028 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.7005	5.341	33.1538	0.0549		0.0851	0.0851		0.0851	0.0851
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.0921	3.7283	1.3533	0.0161	0.6086	0.0184	0.6269	0.1752	0.0176	0.1928
Worker		1.283	0.7593	12.207	0.0408	5.6335	0.0256	5.6591	1.494	0.0235	1.5176
Total		2.0756	9.8286	46.7141	0.1118	6.2421	0.1291	6.3711	1.6692	0.1262	1.7955

BC - 2029 Winter

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

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lbs/day										
Fugitive Dust										
Off-Road	0.7005	5.341	33.1538	0.0549		0.0851	0.0851		0.0851	0.0851
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0903	3.7027	1.3442	0.0158	0.6086	0.0182	0.6268	0.1752	0.0174	0.1927
Worker	1.2121	0.7015	11.6461	0.0398	5.6335	0.0239	5.6574	1.494	0.022	1.516
Total	2.0029	9.7452	46.1441	0.1105	6.2421	0.1272	6.3693	1.6692	0.1245	1.7938

BC -2030 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day											
Fugitive Dust											
Off-Road	0.7005	5.341	33.1538	0.0638		0.0851	0.0851		0.0851	0.0851
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0889	3.6793	1.338	0.0155	0.6086	0.0181	0.6267	0.1752	0.0173	0.1926
Worker	1.1445	0.651	11.1613	0.039	5.6335	0.0223	5.6558	1.494	0.0205	1.5145
Total	1.9339	9.6713	45.6531	0.1183	6.2421	0.1255	6.3676	1.6692	0.1229	1.7922

Paving - 2025 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day											
Off-Road	0.6856	5.2761	38.4337	0.0507		0.083	0.083		0.083	0.083
Paving	0					0	0		0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.211	0.1382	2.0129	6.16E-03	0.7824	4.29E-03	0.7867	0.2075	3.95E-03	0.2115
Total	0.8966	5.4143	40.4466	0.05686	0.7824	0.08729	0.8697	0.2075	0.08695	0.2945

AC - P1SA - 2028 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day											

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Arch. Coat	4.4246					0	0		0	0
Off-Road	0.1189	0.5151	7.3297	0.0141		0.0159	0.0159		0.0159	0.0159
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2571	0.1522	2.4462	8.17E-03	1.1289	5.13E-03	1.1341	0.2994	4.72E-03	0.3041
Total	4.8006	0.6673	9.7759	0.02227	1.1289	0.02103	1.15	0.2994	0.02062	0.32

AC - P1SA - 2029 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		4.4246					0	0		0	0
Off-Road		0.1189	0.5151	7.3297	0.0141		0.0159	0.0159		0.0159	0.0159
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2429	0.1406	2.3338	7.98E-03	1.1289	4.78E-03	1.1337	0.2994	4.40E-03	0.3038
Total		4.7864	0.6557	9.6635	0.02208	1.1289	0.02068	1.1496	0.2994	0.0203	0.3197

AC - P1SA - 2030 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		4.4246					0	0		0	0
Off-Road		0.1189	0.5151	7.3297	0.0141		0.0159	0.0159		0.0159	0.0159
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2294	0.1305	2.2367	7.81E-03	1.1289	4.46E-03	1.1334	0.2994	4.11E-03	0.3035
Total		4.7729	0.6456	9.5664	0.02191	1.1289	0.02036	1.1493	0.2994	0.02001	0.3194

AC - P1SB - 2028 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		4.4246					0	0		0	0

One San Pedro Specific Plan
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Off-Road		0.1189	0.5151	7.3297	0.0141	0	0.0159	0.0159	0	0.0159	0.0159
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2571	0.1522	2.4462	0.00817	1.1289	0.00513	1.1341	0.2994	0.00472	0.3041
Total		4.8006	0.6673	9.7759	0.02227	1.1289	0.02103	1.15	0.2994	0.02062	0.32

AC - P1SB - 2029 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		4.4246					0	0		0	0
Off-Road		0.1189	0.5151	7.3297	0.0141	0	0.0159	0.0159	0	0.0159	0.0159
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2429	0.1406	2.3338	0.00798	1.1289	0.00478	1.1337	0.2994	0.0044	0.3038
Total		4.7864	0.6557	9.6635	0.02208	1.1289	0.02068	1.1496	0.2994	0.0203	0.3197

AC - P1SB - 2030 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		5.3198					0	0		0	0
Off-Road		0.1189	0.5151	7.3297	0.0141	0	0.0159	0.0159	0	0.0159	0.0159
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2294	0.1305	2.2367	0.00781	1.1289	0.00446	1.1334	0.2994	0.00411	0.3035
Total		5.6681	0.6456	9.5664	0.02191	1.1289	0.02036	1.1493	0.2994	0.02001	0.3194

One San Pedro Specific Plan
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CalEEMod Summer

Demolition - 2024 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						0.5721	0	0.5721	0.0866	0	0.0866
Off-Road		1.4964	8.7896	80.7	0.1214		0.1912	0.1912		0.1912	0.1912
Hauling		0.0222	1.764	0.3894	8.2300e-003	0.257	1.21E-02	0.2691	0.0704	1.16E-02	0.082
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2385	0.1593	2.6866	7.69E-03	0.8942	5.15E-03	0.8994	0.2372	4.74E-03	0.2419
Total		1.7571	10.7129	83.776	0.12909	1.7233	0.20845	1.9318	0.3942	0.20754	0.6017

Site Prep - 2024 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						0	0	0	0	0	0
Off-Road		0.1651	0.7154	10.1801	0.0135		0.022	0.022		0.022	0.022
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0596	0.0398	0.6717	1.92E-03	0.2236	1.29E-03	0.2248	0.0593	1.19E-03	0.0605
Total		0.2247	0.7552	10.8518	0.01542	0.2236	0.02329	0.2468	0.0593	0.02319	0.0825

Grading - 2024 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						0.9545	0	0.9545	0.1031	0	0.1031
Off-Road		2.2149	11.8814	123.4146	0.1864		0.2871	0.2871		0.2871	0.2871
Hauling		0.2649	21.0717	4.6514	0.0984	3.0694	0.1446	3.2139	0.8414	0.1383	0.9796
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.4323	0.2887	4.8695	0.0139	1.6208	9.33E-03	1.6301	0.4298	8.59E-03	0.4384
Total		2.9121	33.2418	132.9355	0.2987	5.6447	0.44103	6.0856	1.3743	0.43399	1.8082

Grading -2025 Summer

One San Pedro Specific Plan
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CalEEMod Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						0.9545	0	0.9545	0.1031	0	0.1031
Off-Road		2.2149	11.8814	123.4146	0.1864		0.2871	0.2871		0.2871	0.2871
Hauling		0.2617	20.9371	4.7369	0.0965	3.0695	0.1448	3.2143	0.8414	0.1386	0.9799
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.4041	0.2593	4.5288	0.0135	1.6208	8.88E-03	1.6296	0.4298	8.18E-03	0.438
Total		2.8807	33.0778	132.6803	0.2964	5.6448	0.44078	6.0855	1.3743	0.43388	1.8081

Utilities - 2025 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		2.3738	12.592	118.7281	0.1955		0.3082	0.3082		0.3082	0.3082
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1672	0.1073	1.874	5.57E-03	0.6707	3.68E-03	0.6743	0.1779	3.38E-03	0.1813
Total		2.541	12.6993	120.6021	0.20107	0.6707	0.31188	0.9825	0.1779	0.31158	0.4895

BC - 2025 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.7002	5.3175	33.1693	0.055		0.0851	0.0851		0.0851	0.0851
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.1031	3.6365	1.3572	0.0171	0.6085	0.0185	0.627	0.1752	0.0177	0.1929
Worker		1.4047	0.9013	15.7414	0.0468	5.6335	0.0309	5.6644	1.494	0.0284	1.5225
Total		2.208	9.8553	50.2679	0.1189	6.242	0.1345	6.3765	1.6692	0.1312	1.8005

BC-2026 Summer

One San Pedro Specific Plan
PA1 Construction - Mitigated
CalEEMod Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.7002	5.3175	33.1693	0.055		0.0851	0.0851		0.0851	0.0851
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.1005	3.6099	1.3379	0.0167	0.6085	0.0185	0.627	0.1752	0.0177	0.1929
Worker		1.3207	0.8179	14.7611	0.0454	5.6335	0.0293	5.6628	1.494	0.0269	1.521
Total		2.1214	9.7453	49.2683	0.1171	6.242	0.1329	6.3749	1.6692	0.1297	1.799

BC - 2027 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.7002	5.3175	33.1693	0.055		0.0851	0.0851		0.0851	0.0851
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.0983	3.5832	1.3222	0.0164	0.6085	0.0184	0.6269	0.1752	0.0176	0.1928
Worker		1.2445	0.7474	13.9288	0.0441	5.6335	0.0275	5.661	1.494	0.0253	1.5193
Total		2.043	9.6481	48.4203	0.1155	6.242	0.131	6.373	1.6692	0.128	1.7972

BC-2028 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.7002	5.3175	33.1693	0.055		0.0851	0.0851		0.0851	0.0851
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.0965	3.5595	1.3113	0.0161	0.6086	0.0183	0.6268	0.1752	0.0175	0.1927
Worker		1.1753	0.6882	13.2386	0.043	5.6335	0.0256	5.6591	1.494	0.0235	1.5176
Total		1.972	9.5652	47.7192	0.1141	6.2421	0.129	6.371	1.6692	0.1261	1.7954

BC - 2029 Summer

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

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lbs/day										
Fugitive Dust										
Off-Road	0.7002	5.3175	33.1693	0.055		0.0851	0.0851		0.0851	0.0851
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0948	3.5347	1.3025	0.0158	0.6086	0.0182	0.6267	0.1752	0.0174	0.1926
Worker	1.1075	0.6361	12.6265	0.042	5.6335	0.0239	5.6574	1.494	0.022	1.516
Total	1.9025	9.4883	47.0983	0.1128	6.2421	0.1272	6.3692	1.6692	0.1245	1.7937

BC -2030 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day											
Fugitive Dust											
Off-Road	0.7002	5.3175	33.1693	0.0639		0.0851	0.0851		0.0851	0.0851	
Hauling	0	0	0	0	0	0	0	0	0	0	
Vendor	0.0935	3.512	1.2968	0.0155	0.6086	0.018	0.6266	0.1752	0.0172	0.1925	
Worker	1.0433	0.5905	12.0974	0.0411	5.6335	0.0223	5.6558	1.494	0.0205	1.5145	
Total	1.837	9.42	46.5635	0.1205	6.2421	0.1254	6.3675	1.6692	0.1228	1.7921	

Paving - 2025 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day											
Off-Road	0.6844	5.2489	38.3969	0.0506		0.083	0.083		0.083	0.083	
Paving	0					0	0		0	0	
Hauling	0	0	0	0	0	0	0	0	0	0	
Vendor	0	0	0	0	0	0	0	0	0	0	
Worker	0.1951	0.1252	2.1863	6.50E-03	0.7824	4.29E-03	0.7867	0.2075	3.95E-03	0.2115	
Total	0.8795	5.3741	40.5832	0.0571	0.7824	0.08729	0.8697	0.2075	0.08695	0.2945	

AC - P1SA - 2028 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
lbs/day											

One San Pedro Specific Plan
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CalEEMod Summer

Arch. Coat	4.4246					0	0		0	0
Off-Road	0.1189	0.5151	7.3297	0.0141		0.0159	0.0159		0.0159	0.0159
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2355	0.1379	2.653	8.62E-03	1.1289	5.13E-03	1.1341	0.2994	4.72E-03	0.3041
Total	4.779	0.653	9.9827	0.02272	1.1289	0.02103	1.15	0.2994	0.02062	0.32

AC - P1SA - 2029 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		4.4246					0	0		0	0
Off-Road		0.1189	0.5151	7.3297	0.0141		0.0159	0.0159		0.0159	0.0159
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2219	0.1275	2.5303	8.42E-03	1.1289	4.78E-03	1.1337	0.2994	4.40E-03	0.3038
Total		4.7654	0.6426	9.86	0.02252	1.1289	0.02068	1.1496	0.2994	0.0203	0.3197

AC - P1SA - 2030 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		4.4246					0	0		0	0
Off-Road		0.1189	0.5151	7.3297	0.0141		0.0159	0.0159		0.0159	0.0159
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2091	0.1183	2.4243	8.24E-03	1.1289	4.46E-03	1.1334	0.2994	4.11E-03	0.3035
Total		4.7526	0.6334	9.754	0.02234	1.1289	0.02036	1.1493	0.2994	0.02001	0.3194

AC - P1SB - 2028 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		5.3198					0	0		0	0

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Off-Road		0.1189	0.5151	7.3297	0.0141	0	0.0159	0.0159	0	0.0159	0.0159
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2355	0.1379	2.653	0.00862	1.1289	0.00513	1.1341	0.2994	0.00472	0.3041
Total		5.6742	0.653	9.9827	0.02272	1.1289	0.02103	1.15	0.2994	0.02062	0.32

AC - P1SB - 2029 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		5.3198					0	0		0	0
Off-Road		0.1189	0.5151	7.3297	0.0141	0	0.0159	0.0159	0	0.0159	0.0159
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2219	0.1275	2.5303	0.00842	1.1289	0.00478	1.1337	0.2994	0.0044	0.3038
Total		5.6606	0.6426	9.86	0.02252	1.1289	0.02068	1.1496	0.2994	0.0203	0.3197

AC - P1SB - 2030 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		5.3198					0	0		0	0
Off-Road		0.1189	0.5151	7.3297	0.0141	0	0.0159	0.0159	0	0.0159	0.0159
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2091	0.1183	2.4243	0.00824	1.1289	0.00446	1.1334	0.2994	0.00411	0.3035
Total		5.6478	0.6334	9.754	0.02234	1.1289	0.02036	1.1493	0.2994	0.02001	0.3194

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Max Daily - PA3

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Demolition - 2031	2.5977	16.3979	81.6065	0.16691	2.1675	0.29267	2.4602	0.4784	0.2917	0.7701
Onsite	2.3943	13.6715	79.067	0.1496	0.8785	0.2717	1.1502	0.133	0.2717	0.4047
Offsite	0.2034	2.7264	2.5395	0.01731	1.289	0.02097	1.31	0.3454	0.02	0.3654
Site Prep - 2031	0.2081	0.7396	10.6502	0.0181	0.2236	0.02284	0.2464	0.0593	0.02278	0.0821
Onsite	0.1651	0.7154	10.1801	0.0165	0	0.022	0.022	0	0.022	0.022
Offsite	0.043	0.0242	0.4701	0.0016	0.2236	0.00084	0.2244	0.0593	0.00078	0.0601
Grading - 2031	3.0275	46.705	138.3952	0.3582	7.3489	0.51381	7.8627	1.8414	0.50412	2.3457
Onsite	2.3355	14.7312	127.0164	0.2149	0.9545	0.2948	1.2493	0.1031	0.2948	0.3979
Offsite	0.692	31.9738	11.3788	0.1433	6.3944	0.21901	6.6134	1.7383	0.20932	1.9478
BC - 2032	1.8472	9.5149	47.1639	0.1213	6.21	0.1265	6.3366	1.66	0.1241	1.7843
Onsite	0.736	5.4946	34.4535	0.0674	0	0.0898	0.0898	0	0.0898	0.0898
Offsite	1.1112	4.0203	12.7104	0.0539	6.21	0.0367	6.2468	1.66	0.0343	1.6945
BC - 2033	1.794	9.4693	46.8193	0.1205	6.21	0.1252	6.3353	1.66	0.123	1.7831
Onsite	0.736	5.4946	34.4535	0.0674	0	0.0898	0.0898	0	0.0898	0.0898
Offsite	1.058	3.9747	12.3658	0.0531	6.21	0.0354	6.2455	1.66	0.0332	1.6933
BC - 2034	1.7464	9.4274	46.5035	0.1197	6.2101	0.124	6.3341	1.66	0.1219	1.782
Onsite	0.736	5.4946	34.4535	0.0674	0	0.0898	0.0898	0	0.0898	0.0898
Offsite	1.0104	3.9328	12.05	0.0523	6.2101	0.0342	6.2443	1.66	0.0321	1.6922
BC-2035	1.7047	9.3941	46.2399	0.1191	6.2101	0.1229	6.333	1.66	0.1209	1.7809
Onsite	0.736	5.4946	34.4535	0.0674	0	0.0898	0.0898	0	0.0898	0.0898
Offsite	0.9687	3.8995	11.7864	0.0517	6.2101	0.0331	6.2432	1.66	0.0311	1.6911
Paving - 2032	1.5988	9.0531	38.7022	0.06781	0.7824	0.29377	1.0762	0.2075	0.29355	0.5011
Onsite	1.4566	8.9739	37.1128	0.0623	0	0.291	0.291	0	0.291	0.291
Offsite	0.1422	0.0792	1.5894	0.00551	0.7824	0.00277	0.7852	0.2075	0.00255	0.2101
Utilities -2031	3.7379	17.0582	101.9999	0.19951	0.6707	0.54953	1.2202	0.1779	0.54933	0.7272
Onsite	3.6089	16.9858	100.5896	0.1947	0	0.547	0.547	0	0.547	0.547
Offsite	0.129	0.0724	1.4103	0.00481	0.6707	0.00253	0.6732	0.1779	0.00233	0.1802
Utilities - 2032	3.7308	17.0537	101.952	0.19942	0.6707	0.54937	1.22	0.1779	0.54918	0.727
Onsite	3.6089	16.9858	100.5896	0.1947	0	0.547	0.547	0	0.547	0.547
Offsite	0.1219	0.0679	1.3624	0.00472	0.6707	0.00237	0.673	0.1779	0.00218	0.18

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
AC - P2SA - 2034	11.5856	0.7893	11.9329	0.02582	1.1289	0.02463	1.1536	0.2994	0.02435	0.3238
Onsite	11.4004	0.6867	9.7729	0.0181	0	0.0211	0.0211	0	0.0211	0.0211
Offsite	0.1852	0.1026	2.16	0.00772	1.1289	0.00353	1.1325	0.2994	0.00325	0.3027
AC - P2SA - 2035	11.5773	0.7853	11.8797	0.02573	1.1289	0.02443	1.1534	0.2994	0.02417	0.3236
Onsite	11.4004	0.6867	9.7729	0.0181	0	0.0211	0.0211	0	0.0211	0.0211
Offsite	0.1769	0.0986	2.1068	0.00763	1.1289	0.00333	1.1323	0.2994	0.00307	0.3025
AC - P2SB - 2034	13.1547	0.7893	11.9329	0.02582	1.1289	0.02463	1.1536	0.2994	0.02435	0.3238
Onsite	12.9695	0.6867	9.7729	0.0181	0	0.0211	0.0211	0	0.0211	0.0211
Offsite	0.1852	0.1026	2.16	0.00772	1.1289	0.00353	1.1325	0.2994	0.00325	0.3027
AC - P2SB - 2035	13.1464	0.7853	11.8797	0.02573	1.1289	0.02443	1.1534	0.2994	0.02417	0.3236
Onsite	12.9695	0.6867	9.7729	0.0181	0	0.0211	0.0211	0	0.0211	0.0211
Offsite	0.1769	0.0986	2.1068	0.00763	1.1289	0.00333	1.1323	0.2994	0.00307	0.3025

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Demolition - 2031

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0.8785	0	0.8785	0.133	0	0.133
Off-Road	2.3943	13.6715	79.067	0.1496	0	0.2717	0.2717	0	0.2717	0.2717
Hauling	0.0314	2.6298	0.6592	0.0109	0.3948	0.0176	0.4124	0.1082	0.0169	0.1251
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.172	0.0966	1.8803	0.00641	0.8942	0.00337	0.8976	0.2372	0.0031	0.2403
Total	2.5977	16.3979	81.6065	0.16691	2.1675	0.29267	2.4602	0.4784	0.2917	0.7701

Site Prep - 2031

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.1651	0.7154	10.1801	0.0165	0	0.022	0.022	0	0.022	0.022
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.043	0.0242	0.4701	0.0016	0.2236	0.00084	0.2244	0.0593	0.00078	0.0601
Total	0.2081	0.7396	10.6502	0.0181	0.2236	0.02284	0.2464	0.0593	0.02278	0.0821

Grading - 2031

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0.9545	0	0.9545	0.1031	0	0.1031
Off-Road	2.3355	14.7312	127.0164	0.2149	0	0.2948	0.2948	0	0.2948	0.2948
Hauling	0.3802	31.7987	7.9707	0.1317	4.7736	0.2129	4.9865	1.3085	0.2037	1.5123
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.3118	0.1751	3.4081	0.0116	1.6208	0.00611	1.6269	0.4298	0.00562	0.4355
Total	3.0275	46.705	138.3952	0.3582	7.3489	0.51381	7.8627	1.8414	0.50412	2.3457

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BC - 2032

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.736	5.4946	34.4535	0.0674	0	0.0898	0.0898	0	0.0898	0.0898
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0871	3.4501	1.2665	0.0142	0.5765	0.0168	0.5933	0.166	0.016	0.1821
Worker	1.0241	0.5702	11.4439	0.0397	5.6335	0.0199	5.6535	1.494	0.0183	1.5124
Total	1.8472	9.5149	47.1639	0.1213	6.21	0.1265	6.3366	1.66	0.1241	1.7843

BC - 2033

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.736	5.4946	34.4535	0.0674	0	0.0898	0.0898	0	0.0898	0.0898
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0866	3.4361	1.2686	0.014	0.5765	0.0167	0.5932	0.166	0.016	0.182
Worker	0.9714	0.5386	11.0972	0.0391	5.6335	0.0187	5.6523	1.494	0.0172	1.5113
Total	1.794	9.4693	46.8193	0.1205	6.21	0.1252	6.3353	1.66	0.123	1.7831

BC - 2034

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.736	5.4946	34.4535	0.0674	0	0.0898	0.0898	0	0.0898	0.0898
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0863	3.4206	1.2712	0.0138	0.5766	0.0166	0.5931	0.166	0.0159	0.1819
Worker	0.9241	0.5122	10.7788	0.0385	5.6335	0.0176	5.6512	1.494	0.0162	1.5103
Total	1.7464	9.4274	46.5035	0.1197	6.2101	0.124	6.3341	1.66	0.1219	1.782

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BC-2035

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.736	5.4946	34.4535	0.0674	0	0.0898	0.0898	0	0.0898	0.0898
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.086	3.4073	1.2734	0.0136	0.5766	0.0165	0.593	0.166	0.0158	0.1818
Worker	0.8827	0.4922	10.513	0.0381	5.6335	0.0166	5.6502	1.494	0.0153	1.5093
Total	1.7047	9.3941	46.2399	0.1191	6.2101	0.1229	6.333	1.66	0.1209	1.7809

Paving - 2032

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Off-Road	1.4566	8.9739	37.1128	0.0623	0	0.291	0.291	0	0.291	0.291
Paving	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1422	0.0792	1.5894	0.00551	0.7824	0.00277	0.7852	0.2075	0.00255	0.2101
Total	1.5988	9.0531	38.7022	0.06781	0.7824	0.29377	1.0762	0.2075	0.29355	0.5011

Utilities -2031

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	3.6089	16.9858	100.5896	0.1947	0	0.547	0.547	0	0.547	0.547
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.129	0.0724	1.4103	0.00481	0.6707	0.00253	0.6732	0.1779	0.00233	0.1802
Total	3.7379	17.0582	101.9999	0.19951	0.6707	0.54953	1.2202	0.1779	0.54933	0.7272

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Utilities - 2032

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	3.6089	16.9858	100.5896	0.1947	0	0.547	0.547	0	0.547	0.547
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1219	0.0679	1.3624	0.00472	0.6707	0.00237	0.673	0.1779	0.00218	0.18
Total	3.7308	17.0537	101.952	0.19942	0.6707	0.54937	1.22	0.1779	0.54918	0.727

AC - P2SA - 2034

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Arch. Coat	11.2419	0	0	0	0	0	0	0	0	0
Off-Road	0.1585	0.6867	9.7729	0.0181	0	0.0211	0.0211	0	0.0211	0.0211
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1852	0.1026	2.16	0.00772	1.1289	0.00353	1.1325	0.2994	0.00325	0.3027
Total	11.5856	0.7893	11.9329	0.02582	1.1289	0.02463	1.1536	0.2994	0.02435	0.3238

AC - P2SA - 2035

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Arch. Coating	11.2419	0	0	0	0	0	0	0	0	0
Off-Road	0.1585	0.6867	9.7729	0.0181	0	0.0211	0.0211	0	0.0211	0.0211
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1769	0.0986	2.1068	0.00763	1.1289	0.00333	1.1323	0.2994	0.00307	0.3025
Total	11.5773	0.7853	11.8797	0.02573	1.1289	0.02443	1.1534	0.2994	0.02417	0.3236

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AC - P2SB - 2034

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Arch. Coating	12.811	0	0	0	0	0	0	0	0	0
Off-Road	0.1585	0.6867	9.7729	0.0181	0	0.0211	0.0211	0	0.0211	0.0211
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1852	0.1026	2.16	0.00772	1.1289	0.00353	1.1325	0.2994	0.00325	0.3027
Total	13.1547	0.7893	11.9329	0.02582	1.1289	0.02463	1.1536	0.2994	0.02435	0.3238

AC - P2SB - 2035

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Arch. Coating	12.811	0	0	0	0	0	0	0	0	0
Off-Road	0.1585	0.6867	9.7729	0.0181	0	0.0211	0.0211	0	0.0211	0.0211
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1769	0.0986	2.1068	0.00763	1.1289	0.00333	1.1323	0.2994	0.00307	0.3025
Total	13.1464	0.7853	11.8797	0.02573	1.1289	0.02443	1.1534	0.2994	0.02417	0.3236

One San Pedro Specific Plan
PA2 Construction - Mitigated
CalEEMod Winter

Construction for Scenario A and B were modeled together. As construction schedule and equipipment does not change between scenarios, the only differes is the amount of architectural coating application. Therefore the architectural coating phases for each Scenario are called out as a separate phase in the CalEEMod modeling. Therefore, the Summaries in the CalEEMod output will overestimate emissions from architectural coating as the model assumes both scenarios are being coated at the same time.

One San Pedro Specific Plan
PA2 Construction - Mitigated
CalEEMod Winter

Demolition - 2031 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					0.8785	0	0.8785	0.133	0	0.133
Off-Road	2.3943	13.6715	79.067	0.1496		0.2717	0.2717		0.2717	0.2717
Hauling	0.0302	2.6298	0.6592	1.09E-02	0.3948	1.76E-02	0.4124	0.1082	1.69E-02	0.1251
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.172	0.0966	1.7349	6.07E-03	0.8942	3.37E-03	0.8976	0.2372	3.10E-03	0.2403
Total	2.5965	16.3979	81.4611	0.16657	2.1675	0.29267	2.4602	0.4784	0.2917	0.7701

Site Prep - 2031 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					0	0	0	0	0	0
Off-Road	0.1651	0.7154	10.1801	0.0165		0.022	0.022		0.022	0.022
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.043	0.0242	0.4337	1.52E-03	0.2236	8.40E-04	0.2244	0.0593	7.80E-04	0.0601
Total	0.2081	0.7396	10.6138	0.01802	0.2236	0.02284	0.2464	0.0593	0.02278	0.0821

Grading - 2031 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					0.9545	0	0.9545	0.1031	0	0.1031
Off-Road	2.3355	14.7312	127.0164	0.2149		0.2948	0.2948		0.2948	0.2948
Hauling	0.3648	31.7987	7.9707	0.1317	4.7736	0.2129	4.9865	1.3085	0.2037	1.5123
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.3118	0.1751	3.1445	0.011	1.6208	6.11E-03	1.6269	0.4298	5.62E-03	0.4355
Total	3.0121	46.705	138.1316	0.3576	7.3489	0.51381	7.8627	1.8414	0.50412	2.3457

One San Pedro Specific Plan
PA2 Construction - Mitigated
CalEEMod Winter

BC - 2032 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust										
Off-Road	0.736	5.4946	34.4535	0.0674		0.0898	0.0898		0.0898	0.0898
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0826	3.4501	1.2665	0.0142	0.5765	0.0168	0.5933	0.166	0.016	0.1821
Worker	1.0241	0.5702	10.5605	0.0376	5.6335	0.0199	5.6535	1.494	0.0183	1.5124
Total	1.8427	9.5149	46.2805	0.1192	6.21	0.1265	6.3366	1.66	0.1241	1.7843

BC - 2033 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust										
Off-Road	0.736	5.4946	34.4535	0.0674		0.0898	0.0898		0.0898	0.0898
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0821	3.4361	1.2686	0.014	0.5765	0.0167	0.5932	0.166	0.016	0.182
Worker	0.9714	0.5386	10.2422	0.037	5.6335	0.0187	5.6523	1.494	0.0172	1.5113
Total	1.7895	9.4693	45.9643	0.1184	6.21	0.1252	6.3353	1.66	0.123	1.7831

BC - 2034 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust										
Off-Road	0.736	5.4946	34.4535	0.0674		0.0898	0.0898		0.0898	0.0898
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0817	3.4206	1.2712	0.0138	0.5766	0.0166	0.5931	0.166	0.0159	0.1819
Worker	0.9241	0.5122	9.9501	0.0365	5.6335	0.0176	5.6512	1.494	0.0162	1.5103
Total	1.7418	9.4274	45.6748	0.1177	6.2101	0.124	6.3341	1.66	0.1219	1.782

One San Pedro Specific Plan
PA2 Construction - Mitigated
CalEEMod Winter

BC-2035 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust										
Off-Road	0.736	5.4946	34.4535	0.0674		0.0898	0.0898		0.0898	0.0898
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.0813	3.4073	1.2734	0.0136	0.5766	0.0165	0.593	0.166	0.0158	0.1818
Worker	0.8827	0.4922	9.7062	0.0361	5.6335	0.0166	5.6502	1.494	0.0153	1.5093
Total	1.7	9.3941	45.4331	0.1171	6.2101	0.1229	6.333	1.66	0.1209	1.7809

Paving - 2032 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Off-Road	1.4566	8.9739	37.1128	0.0623		0.291	0.291		0.291	0.291
Paving	0					0	0		0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1422	0.0792	1.4667	5.22E-03	0.7824	2.77E-03	0.7852	0.2075	2.55E-03	0.2101
Total	1.5988	9.0531	38.5795	0.06752	0.7824	0.29377	1.0762	0.2075	0.29355	0.5011

Utilities -2031 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust										
Off-Road	3.6089	16.9858	100.5896	0.1947		0.547	0.547		0.547	0.547
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.129	0.0724	1.3012	4.56E-03	0.6707	2.53E-03	0.6732	0.1779	2.33E-03	0.1802
Total	3.7379	17.0582	101.8908	0.19926	0.6707	0.54953	1.2202	0.1779	0.54933	0.7272

One San Pedro Specific Plan
PA2 Construction - Mitigated
CalEEMod Winter

Utilities - 2032 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		3.6089	16.9858	100.5896	0.1947		0.547	0.547		0.547	0.547
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1219	0.0679	1.2572	4.48E-03	0.6707	2.37E-03	0.673	0.1779	2.18E-03	0.18
Total		3.7308	17.0537	101.8468	0.19918	0.6707	0.54937	1.22	0.1779	0.54918	0.727

AC - P2SA - 2034 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coat		11.2419					0	0		0	0
Off-Road		0.1585	0.6867	9.7729	0.0181		0.0211	0.0211		0.0211	0.0211
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1852	0.1026	1.994	7.32E-03	1.1289	3.53E-03	1.1325	0.2994	3.25E-03	0.3027
Total		11.5856	0.7893	11.7669	0.02542	1.1289	0.02463	1.1536	0.2994	0.02435	0.3238

AC - P2SA - 2035 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		11.2419					0	0		0	0
Off-Road		0.1585	0.6867	9.7729	0.0181		0.0211	0.0211		0.0211	0.0211
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1769	0.0986	1.9451	7.23E-03	1.1289	3.33E-03	1.1323	0.2994	3.07E-03	0.3025
Total		11.5773	0.7853	11.718	0.02533	1.1289	0.02443	1.1534	0.2994	0.02417	0.3236

One San Pedro Specific Plan
PA2 Construction - Mitigated
CalEEMod Winter

AC - P2SB - 2034 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		12.811					0	0		0	0
Off-Road		0.1585	0.6867	9.7729	0.0181	0	0.0211	0.0211	0	0.0211	0.0211
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1852	0.1026	1.994	0.00732	1.1289	0.00353	1.1325	0.2994	0.00325	0.3027
Total		13.1547	0.7893	11.7669	0.02542	1.1289	0.02463	1.1536	0.2994	0.02435	0.3238

AC - P2SB - 2035 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		12.811					0	0		0	0
Off-Road		0.1585	0.6867	9.7729	0.0181	0	0.0211	0.0211	0	0.0211	0.0211
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1769	0.0986	1.9451	0.00723	1.1289	0.00333	1.1323	0.2994	0.00307	0.3025
Total		13.1464	0.7853	11.718	0.02533	1.1289	0.02443	1.1534	0.2994	0.02417	0.3236

One San Pedro Specific Plan
PA2 Construction - Mitigated
CalEEMod Summer

Demolition - 2031 Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					0.8785	0	0.8785	0.133	0	0.133
Off-Road	2.3943	13.6715	79.067	0.1496		0.2717	0.2717		0.2717	0.2717
Hauling	0.0314	2.525	0.6556	1.09E-02	0.3948	1.76E-02	0.4124	0.1082	1.68E-02	0.1251
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1565	0.0877	1.8803	6.41E-03	0.8942	3.37E-03	0.8976	0.2372	3.10E-03	0.2403
Total	2.5822	16.2842	81.6029	0.16691	2.1675	0.29267	2.4602	0.4784	0.2916	0.7701

Site Prep - 2031 Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					0	0	0	0	0	0
Off-Road	0.1651	0.7154	10.1801	0.0165		0.022	0.022		0.022	0.022
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.0391	0.0219	0.4701	1.60E-03	0.2236	8.40E-04	0.2244	0.0593	7.80E-04	0.0601
Total	0.2042	0.7373	10.6502	0.0181	0.2236	0.02284	0.2464	0.0593	0.02278	0.0821

Grading - 2031 Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					0.9545	0	0.9545	0.1031	0	0.1031
Off-Road	2.3355	14.7312	127.0164	0.2149		0.2948	0.2948		0.2948	0.2948
Hauling	0.3802	30.5317	7.9271	0.1316	4.7736	0.2128	4.9863	1.3085	0.2036	1.5121
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2836	0.1589	3.4081	0.0116	1.6208	6.11E-03	1.6269	0.4298	5.62E-03	0.4355
Total	2.9993	45.4218	138.3516	0.3581	7.3489	0.51371	7.8625	1.8414	0.50402	2.3455

One San Pedro Specific Plan
PA2 Construction - Mitigated
CalEEMod Summer

BC - 2032 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.736	5.4946	34.4535	0.0674		0.0898	0.0898		0.0898	0.0898
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.0871	3.2922	1.2277	0.0142	0.5765	0.0167	0.5932	0.166	0.016	0.182
Worker		0.9295	0.5176	11.4439	0.0397	5.6335	0.0199	5.6535	1.494	0.0183	1.5124
Total		1.7526	9.3044	47.1251	0.1213	6.21	0.1264	6.3365	1.66	0.1241	1.7842

BC - 2033 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.736	5.4946	34.4535	0.0674		0.0898	0.0898		0.0898	0.0898
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.0866	3.2783	1.2299	0.0139	0.5765	0.0166	0.5932	0.166	0.0159	0.1819
Worker		0.8796	0.4891	11.0972	0.0391	5.6335	0.0187	5.6523	1.494	0.0172	1.5113
Total		1.7022	9.262	46.7806	0.1204	6.21	0.1251	6.3353	1.66	0.1229	1.783

BC - 2034 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.736	5.4946	34.4535	0.0674		0.0898	0.0898		0.0898	0.0898
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.0863	3.2629	1.2325	0.0137	0.5766	0.0165	0.5931	0.166	0.0158	0.1818
Worker		0.8348	0.4653	10.7788	0.0385	5.6335	0.0176	5.6512	1.494	0.0162	1.5103
Total		1.6571	9.2228	46.4648	0.1196	6.2101	0.1239	6.3341	1.66	0.1218	1.7819

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CalEEMod Summer

BC-2035 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.736	5.4946	34.4535	0.0674		0.0898	0.0898		0.0898	0.0898
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.086	3.2498	1.2347	0.0136	0.5766	0.0164	0.593	0.166	0.0157	0.1817
Worker		0.7953	0.4472	10.513	0.0381	5.6335	0.0166	5.6502	1.494	0.0153	1.5093
Total		1.6173	9.1916	46.2012	0.1191	6.2101	0.1228	6.333	1.66	0.1208	1.7808

Paving - 2032 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Off-Road		1.4566	8.9739	37.1128	0.0623		0.291	0.291		0.291	0.291
Paving		0					0	0		0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1291	0.0719	1.5894	5.51E-03	0.7824	2.77E-03	0.7852	0.2075	2.55E-03	0.2101
Total		1.5857	9.0458	38.7022	0.06781	0.7824	0.29377	1.0762	0.2075	0.29355	0.5011

Utilities -2031 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		3.6089	16.9858	100.5896	0.1947		0.547	0.547		0.547	0.547
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1174	0.0657	1.4103	4.81E-03	0.6707	2.53E-03	0.6732	0.1779	2.33E-03	0.1802
Total		3.7263	17.0515	101.9999	0.19951	0.6707	0.54953	1.2202	0.1779	0.54933	0.7272

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CalEEMod Summer

Utilities - 2032 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		3.6089	16.9858	100.5896	0.1947		0.547	0.547		0.547	0.547
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1107	0.0616	1.3624	4.72E-03	0.6707	2.37E-03	0.673	0.1779	2.18E-03	0.18
Total		3.7196	17.0474	101.952	0.19942	0.6707	0.54937	1.22	0.1779	0.54918	0.727

AC - P2SA - 2034 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coat		11.2419					0	0		0	0
Off-Road		0.1585	0.6867	9.7729	0.0181		0.0211	0.0211		0.0211	0.0211
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1673	0.0932	2.16	7.72E-03	1.1289	3.53E-03	1.1325	0.2994	3.25E-03	0.3027
Total		11.5677	0.7799	11.9329	0.02582	1.1289	0.02463	1.1536	0.2994	0.02435	0.3238

AC - P2SA - 2035 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		11.2419					0	0		0	0
Off-Road		0.1585	0.6867	9.7729	0.0181		0.0211	0.0211		0.0211	0.0211
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1594	0.0896	2.1068	7.63E-03	1.1289	3.33E-03	1.1323	0.2994	3.07E-03	0.3025
Total		11.5598	0.7763	11.8797	0.02573	1.1289	0.02443	1.1534	0.2994	0.02417	0.3236

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CalEEMod Summer

AC - P2SB - 2034 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		12.811					0	0		0	0
Off-Road		0.1585	0.6867	9.7729	0.0181	0	0.0211	0.0211	0	0.0211	0.0211
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1673	0.0932	2.16	0.00772	1.1289	0.00353	1.1325	0.2994	0.00325	0.3027
Total		13.1368	0.7799	11.9329	0.02582	1.1289	0.02463	1.1536	0.2994	0.02435	0.3238

AC - P2SB - 2035 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		12.811					0	0		0	0
Off-Road		0.1585	0.6867	9.7729	0.0181	0	0.0211	0.0211	0	0.0211	0.0211
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1594	0.0896	2.1068	0.00763	1.1289	0.00333	1.1323	0.2994	0.00307	0.3025
Total		13.1289	0.7763	11.8797	0.02573	1.1289	0.02443	1.1534	0.2994	0.02417	0.3236

One San Pedro Specific Plan
PA3 Construction - Mitigated
CalEEMod Summary

Max Daily - PA3

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Demolition - 2034	0.2849	5.0801	11.8847	0.0357	2.1834	0.0528	2.2367	0.4224	0.0517	0.4745
Onsite	0.2101	1.1985	10.5406	0.0202	1.4229	0.027	1.4499	0.2154	0.027	0.2424
Offsite	0.0748	3.8816	1.3441	0.0155	0.7605	0.0258	0.7868	0.207	0.0247	0.2321
Site Prep - 2034	0.0103	0.0447	0.6991	0	0.0335	0	0.0336	0	0	0
Onsite	0.0103	0.0447	0.6363	0	0	0	0	0	0	0
Offsite	0	0	0.0628	0	0.0335	0	0.0336	0	0	0
Grading - 2034	1.0346	41.3624	32.3167	0.1958	6.9608	0.3203	7.2817	1.7478	0.3094	2.0577
Onsite	0.5367	3.4782	21.8517	0.0443	0.9545	0.0674	1.0219	0.1031	0.0674	0.1705
Offsite	0.4979	37.8842	10.465	0.1515	6.0063	0.2529	6.2598	1.6447	0.242	1.8872
BC - 2034	1.3539	6.5341	19.3824	0.0689	7.87	0.0572	7.9274	2.1073	0.0544	2.1618
Onsite	0.0855	0.6588	4.3512	0	0	0.0104	0.0104	0	0.0104	0.0104
Offsite	1.2684	5.8753	15.0312	0.0689	7.87	0.0468	7.917	2.1073	0.044	2.1514
BC - 2035	1.3013	6.4888	19.046	0.068	7.87	0.0559	7.9259	2.1073	0.0532	2.1604
Onsite	0.0855	0.6588	4.3512	0	0	0.0104	0.0104	0	0.0104	0.0104
Offsite	1.2158	5.83	14.6948	0.068	7.87	0.0455	7.9155	2.1073	0.0428	2.15
BC - 2036	1.3013	6.4888	19.046	0.068	7.87	0.0559	7.9259	2.1073	0.0532	2.1604
Onsite	0.0855	0.6588	4.3512	0	0	0.0104	0.0104	0	0.0104	0.0104
Offsite	1.2158	5.83	14.6948	0.068	7.87	0.0455	7.9155	2.1073	0.0428	2.15
BC-2037	1.3013	6.4888	19.046	0.068	7.87	0.0559	7.9259	2.1073	0.0532	2.1604
Onsite	0.0855	0.6588	4.3512	0	0	0.0104	0.0104	0	0.0104	0.0104
Offsite	1.2158	5.83	14.6948	0.068	7.87	0.0455	7.9155	2.1073	0.0428	2.15
Utilities - 2034	0.3124	1.4494	13.7741	0.025	0.313	0.0338	0.3477	0.083	0.0338	0.1177
Onsite	0.2615	1.4212	13.188	0.025	0	0.0338	0.0338	0	0.0338	0.0338
Offsite	0.0509	0.0282	0.5861	0	0.313	0	0.3139	0.083	0	0.0839
Paving - 2034	0.0779	0.5227	2.9563	0	0.1677	0	0.1682	0.0445	0	0.0449
Onsite	0.0506	0.5076	2.6423	0	0	0	0	0	0	0
Offsite	0.0273	0.0151	0.314	0	0.1677	0	0.1682	0.0445	0	0.0449
Paving - 2035	0.0766	0.5221	2.9481	0	0.1677	0	0.1682	0.0445	0	0.0449
Onsite	0.0506	0.5076	2.6423	0	0	0	0	0	0	0
Offsite	0.026	0.0145	0.3058	0	0.1677	0	0.1682	0.0445	0	0.0449

One San Pedro Specific Plan
PA3 Construction - Mitigated
CalEEMod Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
AC - P3SA - 2036	15.0675	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743
Onsite	14.8507	0	0	0	0	0	0	0	0	0
Offsite	0.2168	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743
AC - P3SA - 2037	15.0675	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743
Onsite	14.8507	0	0	0	0	0	0	0	0	0
Offsite	0.2168	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743
AC - P3SB - 2036	10.2182	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743
Onsite	10.0014	0	0	0	0	0	0	0	0	0
Offsite	0.2168	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743
AC - P3SB - 2037	10.2182	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743
Onsite	10.0014	0	0	0	0	0	0	0	0	0
Offsite	0.2168	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743

One San Pedro Specific Plan
PA3 Construction - Mitigated
CalEEMod Summary

Demolition - 2034

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	1.4229	0	1.4229	0.2154	0	0.2154
Off-Road	0.2101	1.1985	10.5406	0.0202	0	0.027	0.027	0	0.027	0.027
Hauling	0.0475	3.8665	1.0301	0.0155	0.5928	0.0258	0.6186	0.1625	0.0247	0.1872
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.0273	0.0151	0.314	0	0.1677	0	0.1682	0.0445	0	0.0449
Total	0.2849	5.0801	11.8847	0.0357	2.1834	0.0528	2.2367	0.4224	0.0517	0.4745

Site Prep - 2034

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.0103	0.0447	0.6363	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0	0	0.0628	0	0.0335	0	0.0336	0	0	0
Total	0.0103	0.0447	0.6991	0	0.0335	0	0.0336	0	0	0

Grading - 2034

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0.9545	0	0.9545	0.1031	0	0.1031
Off-Road	0.5367	3.4782	21.8517	0.0443	0	0.0674	0.0674	0	0.0674	0.0674
Hauling	0.4652	37.866	10.0882	0.1515	5.8051	0.2529	6.058	1.5913	0.242	1.8333
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.0327	0.0182	0.3768	0	0.2012	0	0.2018	0.0534	0	0.0539
Total	1.0346	41.3624	32.3167	0.1958	6.9608	0.3203	7.2817	1.7478	0.3094	2.0577

One San Pedro Specific Plan
PA3 Construction - Mitigated
CalEEMod Summary

BC - 2034

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.0855	0.6588	4.3512	0	0	0.0104	0.0104	0	0.0104	0.0104
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.1323	5.2449	1.9491	0.0211	0.884	0.0254	0.9095	0.2546	0.0243	0.2789
Worker	1.1361	0.6304	13.0821	0.0478	6.986	0.0214	7.0075	1.8527	0.0197	1.8725
Total	1.3539	6.5341	19.3824	0.0689	7.87	0.0572	7.9274	2.1073	0.0544	2.1618

BC - 2035

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.0855	0.6588	4.3512	0	0	0.0104	0.0104	0	0.0104	0.0104
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.1319	5.2245	1.9526	0.0208	0.884	0.0253	0.9093	0.2546	0.0242	0.2787
Worker	1.0839	0.6055	12.7422	0.0472	6.986	0.0202	7.0062	1.8527	0.0186	1.8713
Total	1.3013	6.4888	19.046	0.068	7.87	0.0559	7.9259	2.1073	0.0532	2.1604

BC - 2036

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.0855	0.6588	4.3512	0	0	0.0104	0.0104	0	0.0104	0.0104
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.1319	5.2245	1.9526	0.0208	0.884	0.0253	0.9093	0.2546	0.0242	0.2787
Worker	1.0839	0.6055	12.7422	0.0472	6.986	0.0202	7.0062	1.8527	0.0186	1.8713
Total	1.3013	6.4888	19.046	0.068	7.87	0.0559	7.9259	2.1073	0.0532	2.1604

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PA3 Construction - Mitigated
CalEEMod Summary

BC-2037

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.0855	0.6588	4.3512	0	0	0.0104	0.0104	0	0.0104	0.0104
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.1319	5.2245	1.9526	0.0208	0.884	0.0253	0.9093	0.2546	0.0242	0.2787
Worker	1.0839	0.6055	12.7422	0.0472	6.986	0.0202	7.0062	1.8527	0.0186	1.8713
Total	1.3013	6.4888	19.046	0.068	7.87	0.0559	7.9259	2.1073	0.0532	2.1604

Utilities - 2034

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.2615	1.4212	13.188	0.025	0	0.0338	0.0338	0	0.0338	0.0338
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.0509	0.0282	0.5861	0	0.313	0	0.3139	0.083	0	0.0839
Total	0.3124	1.4494	13.7741	0.025	0.313	0.0338	0.3477	0.083	0.0338	0.1177

Paving - 2034

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Off-Road	0.0506	0.5076	2.6423	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.0273	0.0151	0.314	0	0.1677	0	0.1682	0.0445	0	0.0449

One San Pedro Specific Plan
PA3 Construction - Mitigated
CalEEMod Summary

Total	0.0779	0.5227	2.9563	0	0.1677	0	0.1682	0.0445	0	0.0449

Paving - 2035

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Off-Road	0.0506	0.5076	2.6423	0	0	0	0	0	0	0
Paving	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.026	0.0145	0.3058	0	0.1677	0	0.1682	0.0445	0	0.0449
Total	0.0766	0.5221	2.9481	0	0.1677	0	0.1682	0.0445	0	0.0449

AC - P3SA - 2036

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Arch. Coat	14.8507	0	0	0	0	0	0	0	0	0
Off-Road	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2168	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743
Total	15.0675	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743

AC - P3SA - 2037

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Arch. Coating	14.8507	0	0	0	0	0	0	0	0	0
Off-Road	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0

One San Pedro Specific Plan
PA3 Construction - Mitigated
CalEEMod Summary

Worker	0.2168	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743
Total	15.0675	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743

AC - P3SB - 2036

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Arch. Coating	10.0014	0	0	0	0	0	0	0	0	0
Off-Road	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2168	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743
Total	10.2182	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743

AC - P3SB - 2037

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Arch. Coating	10.0014	0	0	0	0	0	0	0	0	0
Off-Road	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.2168	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743
Total	10.2182	0.1211	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743

One San Pedro Specific Plan
PA3 Construction - Mitigated
CalEEMod Winter

Construction for Scenario A and B were modeled together. As construction schedule and equipipment does not change between scenarios, the only differes is the amount of architectural coating application. Therefore the architectural coating phases for each Scenario are called out as a separate phase in the CalEEMod modeling. Therefore, the Summaries in the CalEEMod output will overestimate emissions from architectural coating as the model assumes both scenarios are being coated at the same time.

One San Pedro Specific Plan
PA3 Construction - Mitigated
CalEEMod Winter

Demolition - 2034 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					1.4229	0	1.4229	0.2154	0	0.2154
Off-Road	0.2101	1.1985	10.5406	0.0202		0.027	0.027		0.027	0.027
Hauling	0.0454	3.8665	1.0301	1.55E-02	0.5928	2.58E-02	0.6186	0.1625	2.47E-02	0.1872
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.0273	0.0151	0.2898	1.0900e-003	0.1677	5.1000e-004	0.1682	0.0445	4.7000e-004	0.0449
Total	0.2828	5.0801	11.8605	0.0357	2.1834	0.0528	2.2367	0.4224	0.0517	0.4745

Site Prep - 2034 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					0	0	0	0	0	0
Off-Road	0.0103	0.0447	0.6363	1.0300e-003		1.3800e-003	1.3800e-003		1.3800e-003	1.3800e-003
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	5.4500e-003	3.0300e-003	0.058	2.2000e-004	0.0335	1.0000e-004	0.0336	8.8900e-003	9.0000e-005	8.9900e-003
Total	0.0103	0.0447	0.6943	0	0.0335	0	0.0336	0	0	0

Grading - 2034 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					0.9545	0	0.9545	0.1031	0	0.1031
Off-Road	0.5367	3.4782	21.8517	0.0443		0.0674	0.0674		0.0674	0.0674
Hauling	0.4447	37.866	10.0882	0.1515	5.8051	0.2529	6.058	1.5913	0.242	1.8333
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.0327	0.0182	0.3478	1.3000e-003	0.2012	6.2000e-004	0.2018	0.0534	5.7000e-004	0.0539
Total	1.0141	41.3624	32.2877	0.1958	6.9608	0.3203	7.2817	1.7478	0.3094	2.0577

One San Pedro Specific Plan
PA3 Construction - Mitigated
CalEEMod Winter

BC - 2034 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.0855	0.6588	4.3512	7.7700e-003		0.0104	0.0104		0.0104	0.0104
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.1252	5.2449	1.9491	0.0211	0.884	0.0254	0.9095	0.2546	0.0243	0.2789
Worker		1.1361	0.6304	12.0765	0.0453	6.986	0.0214	7.0075	1.8527	0.0197	1.8725
Total		1.3468	6.5341	18.3768	0.0664	7.87	0.0572	7.9274	2.1073	0.0544	2.1618

BC - 2035 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.0855	0.6588	4.3512	7.7700e-003		0.0104	0.0104		0.0104	0.0104
Hauling											
Vendor		0.1247	5.2245	1.9526	0.0208	0.884	0.0253	0.9093	0.2546	0.0242	0.2787
Worker		1.0839	0.6055	11.7644	0.0447	6.986	0.0202	7.0062	1.8527	0.0186	1.8713
Total		1.2941	6.4888	18.0682	0.0655	7.87	0.0559	7.9259	2.1073	0.0532	2.1604

BC - 2036 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.0855	0.6588	4.3512	7.7700e-003		0.0104	0.0104		0.0104	0.0104
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.1247	5.2245	1.9526	0.0208	0.884	0.0253	0.9093	0.2546	0.0242	0.2787
Worker		1.0839	0.6055	11.7644	0.0447	6.986	0.0202	7.0062	1.8527	0.0186	1.8713
Total		1.2941	6.4888	18.0682	0.0655	7.87	0.0559	7.9259	2.1073	0.0532	2.1604

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BC-2037 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.0855	0.6588	4.3512	7.7700e-003		0.0104	0.0104		0.0104	0.0104
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.1247	5.2245	1.9526	0.0208	0.884	0.0253	0.9093	0.2546	0.0242	0.2787
Worker		1.0839	0.6055	11.7644	0.0447	6.986	0.0202	7.0062	1.8527	0.0186	1.8713
Total		1.2941	6.4888	18.0682	0.0655	7.87	0.0559	7.9259	2.1073	0.0532	2.1604

Utilities - 2034 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.2615	1.4212	13.188	0.025		0.0338	0.0338		0.0338	0.0338
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0509	0.0282	0.541	2.0300e-003	0.313	9.6000e-004	0.3139	0.083	8.8000e-004	0.0839
Total		0.3124	1.4494	13.729	0.025	0.313	0.0338	0.3477	0.083	0.0338	0.1177

Paving - 2034 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Off-Road		0.0506	0.5076	2.6423	4.2800e-003		5.7100e-003	5.7100e-003		5.7100e-003	5.7100e-003
Paving		0					0	0		0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0273	0.0151	0.2898	1.0900e-003	0.1677	5.1000e-004	0.1682	0.0445	4.7000e-004	0.0449

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Total		0.0779	0.5227	2.9321	0	0.1677	0	0.1682	0.0445	0	0.0449

Paving - 2035 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Off-Road		0.0506	0.5076	2.6423	4.2800e-003		5.7100e-003	5.7100e-003		5.7100e-003	5.7100e-003
Paving		0					0	0		0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.026	0.0145	0.2824	1.0700e-003	0.1677	4.8000e-004	0.1682	0.0445	4.5000e-004	0.0449
Total		0.0766	0.5221	2.9247	0	0.1677	0	0.1682	0.0445	0	0.0449

AC - P3SA - 2036 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coat		14.8507					0	0		0	0
Off-Road		0	0	0	0	0	0	0		0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2168	0.1211	2.3529	8.9400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743
Total		15.0675	0.1211	2.3529	0	1.3972	0	1.4013	0.3706	0	0.3743

AC - P3SA - 2037 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		14.8507					0	0		0	0
Off-Road		0	0	0	0	0	0	0	0	0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0

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Worker		0.2168	0.1211	2.3529	8.9400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743
Total		15.0675	0.1211	2.3529	0	1.3972	0	1.4013	0.3706	0	0.3743

AC - P3SB - 2036 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		10.0014					0	0		0	0
Off-Road		0	0	0	0	0	0	0	0	0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2168	0.1211	2.3529	8.9400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743
Total		10.2182	0.1211	2.3529	0	1.3972	0	1.4013	0.3706	0	0.3743

AC - P3SB - 2037 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		10.0014					0	0		0	0
Off-Road		0	0	0	0	0	0	0	0	0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.2168	0.1211	2.3529	8.9400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743
Total		10.2182	0.1211	2.3529	0	1.3972	0	1.4013	0.3706	0	0.3743

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Demolition - 2034 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						1.4229	0	1.4229	0.2154	0	0.2154
Off-Road		0.2101	1.1985	10.5406	0.0202		0.027	0.027		0.027	0.027
Hauling		0.0475	3.7112	1.0242	1.55E-02	0.5928	2.58E-02	0.6186	0.1625	2.47E-02	0.1872
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0246	0.0137	0.314	1.1500e-003	0.1677	5.1000e-004	0.1682	0.0445	4.7000e-004	0.0449
Total		0.2822	4.9234	11.8788	0.0357	2.1834	0.0528	2.2367	0.4224	0.0517	0.4745

Site Prep - 2034 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						0	0	0	0	0	0
Off-Road		0.0103	0.0447	0.6363	1.0300e-003		1.3800e-003	1.3800e-003		1.3800e-003	1.3800e-003
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		4.9300e-003	2.7500e-003	0.0628	2.3000e-004	0.0335	1.0000e-004	0.0336	8.8900e-003	9.0000e-005	8.9900e-003
Total		0.0103	0.0447	0.6991	0	0.0335	0	0.0336	0	0	0

Grading - 2034 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						0.9545	0	0.9545	0.1031	0	0.1031
Off-Road		0.5367	3.4782	21.8517	0.0443		0.0674	0.0674		0.0674	0.0674
Hauling		0.4652	36.3448	10.0303	0.1515	5.8051	0.2527	6.0578	1.5913	0.2418	1.8332
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0296	0.0165	0.3768	1.3800e-003	0.2012	6.2000e-004	0.2018	0.0534	5.7000e-004	0.0539
Total		1.0315	39.8395	32.2588	0.1958	6.9608	0.3201	7.2815	1.7478	0.3092	2.0576

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BC - 2034 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.0855	0.6588	4.3512	7.7700e-003		0.0104	0.0104		0.0104	0.0104
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.1323	5.0032	1.8898	0.0211	0.884	0.0253	0.9094	0.2546	0.0242	0.2788
Worker		1.0264	0.5727	13.0821	0.0478	6.986	0.0214	7.0075	1.8527	0.0197	1.8725
Total		1.2442	6.2347	19.3231	0.0689	7.87	0.0571	7.9273	2.1073	0.0543	2.1617

BC - 2035 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.0855	0.6588	4.3512	7.7700e-003		0.0104	0.0104		0.0104	0.0104
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.1319	4.983	1.8933	0.0208	0.884	0.0252	0.9092	0.2546	0.0241	0.2787
Worker		0.9767	0.5501	12.7422	0.0472	6.986	0.0202	7.0062	1.8527	0.0186	1.8713
Total		1.1941	6.1919	18.9867	0.068	7.87	0.0558	7.9258	2.1073	0.0531	2.1604

BC - 2036 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.0855	0.6588	4.3512	7.7700e-003		0.0104	0.0104		0.0104	0.0104
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.1319	4.983	1.8933	0.0208	0.884	0.0252	0.9092	0.2546	0.0241	0.2787
Worker		0.9767	0.5501	12.7422	0.0472	6.986	0.0202	7.0062	1.8527	0.0186	1.8713
Total		1.1941	6.1919	18.9867	0.068	7.87	0.0558	7.9258	2.1073	0.0531	2.1604

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BC-2037 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.0855	0.6588	4.3512	7.7700e-003		0.0104	0.0104		0.0104	0.0104
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0.1319	4.983	1.8933	0.0208	0.884	0.0252	0.9092	0.2546	0.0241	0.2787
Worker		0.9767	0.5501	12.7422	0.0472	6.986	0.0202	7.0062	1.8527	0.0186	1.8713
Total		1.1941	6.1919	18.9867	0.068	7.87	0.0558	7.9258	2.1073	0.0531	2.1604

Utilities - 2034 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.2615	1.4212	13.188	0.025		0.0338	0.0338		0.0338	0.0338
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.046	0.0257	0.5861	2.1400e-003	0.313	9.6000e-004	0.3139	0.083	8.8000e-004	0.0839
Total		0.3075	1.4469	13.7741	0.025	0.313	0.0338	0.3477	0.083	0.0338	0.1177

Paving - 2034 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Off-Road		0.0506	0.5076	2.6423	4.2800e-003		5.7100e-003	5.7100e-003		5.7100e-003	5.7100e-003
Paving		0					0	0		0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0246	0.0137	0.314	1.1500e-003	0.1677	5.1000e-004	0.1682	0.0445	4.7000e-004	0.0449

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Total		0.0752	0.5213	2.9563	0	0.1677	0	0.1682	0.0445	0	0.0449

Paving - 2035 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Off-Road		0.0506	0.5076	2.6423	4.2800e-003		5.7100e-003	5.7100e-003		5.7100e-003	5.7100e-003
Paving		0					0	0		0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0234	0.0132	0.3058	1.1300e-003	0.1677	4.8000e-004	0.1682	0.0445	4.5000e-004	0.0449
Total		0.074	0.5208	2.9481	0	0.1677	0	0.1682	0.0445	0	0.0449

AC - P3SA - 2036 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coat		14.8507					0	0		0	0
Off-Road		0	0	0	0	0	0	0	0	0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1953	0.11	2.5485	9.4400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743
Total		15.046	0.11	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743

AC - P3SA - 2037 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		14.8507					0	0		0	0
Off-Road		0	0	0	0	0	0	0	0	0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0

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Worker		0.1953	0.11	2.5485	9.4400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743
Total		15.046	0.11	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743

AC - P3SB - 2036 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		10.0014					0	0		0	0
Off-Road		0	0	0	0	0	0	0	0	0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1953	0.11	2.5485	9.4400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743
Total		10.1967	0.11	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743

AC - P3SB - 2037 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		10.0014					0	0		0	0
Off-Road		0	0	0	0	0	0	0	0	0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1953	0.11	2.5485	9.4400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743
Total		10.1967	0.11	2.5485	0	1.3972	0	1.4013	0.3706	0	0.3743

One San Pedro Specific Plan
Harbor Construction - Mitigated
CalEEMod Summary

Max Daily - Harbor

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Site Prep - 2023	0.0516	0.1862	2.6537	0.00368	0.0335	0.0057	0.0392	0.00889	0.00569	0.01458
Onsite	0.0413	0.1788	2.545	0.00338	0	0.0055	0.0055	0	0.0055	0.0055
Offsite	0.0103	0.0074	0.1087	0.0003	0.0335	0.0002	0.0337	0.00889	0.00019	0.00908
Grading - 2023	0.8808	13.1006	36.7366	0.10096	2.2878	0.14836	2.4362	0.541	0.14546	0.6864
Onsite	0.6317	3.3137	33.3329	0.0529	0.5026	0.0822	0.5848	0.0554	0.0822	0.1376
Offsite	0.2491	9.7869	3.4037	0.04806	1.7852	0.06616	1.8514	0.4856	0.06326	0.5488
Utilities - 2023	0.9001	5.549	29.552	0.05217	0.3689	0.15783	0.5267	0.0978	0.15055	0.2484
Onsite	0.7866	5.4676	28.3562	0.0489	0	0.1556	0.1556	0	0.1485	0.1485
Offsite	0.1135	0.0814	1.1958	0.00327	0.3689	0.00223	0.3711	0.0978	0.00205	0.0999
BC - 2023	0.23506	1.3356	6.2155	0.012	0.4232	0.01583	0.4391	0.11302	0.0156	0.1286
Onsite	0.1089	1.0484	4.8705	0.00761	0	0.0125	0.0125	0	0.0125	0.0125
Offsite	0.12616	0.2872	1.345	0.00439	0.4232	0.00333	0.4266	0.11302	0.0031	0.1161
BC - 2024	0.22708	1.3269	6.1262	0.01189	0.4232	0.01574	0.439	0.11302	0.01551	0.1285
Onsite	0.1089	1.0484	4.8705	0.00761	0	0.0125	0.0125	0	0.0125	0.0125
Offsite	0.11818	0.2785	1.2557	0.00428	0.4232	0.00324	0.4265	0.11302	0.00301	0.116
Paving - 2023	0.4642	6.3115	16.545	0.02317	0.2794	0.03549	0.3149	0.0741	0.03535	0.1095
Onsite	0.3782	6.2498	15.6391	0.0207	0	0.0338	0.0338	0	0.0338	0.0338
Offsite	0.086	0.0617	0.9059	0.00247	0.2794	0.00169	0.2811	0.0741	0.00155	0.0757
AC - 2024	1.4149	0.1442	2.0685	0.00067	0.0782	0.00045	0.0787	0.0208	0.00042	0.0212
Onsite	1.3924	0.1288	1.8324	0	0	0	0	0	0	0
Offsite	0.0225	0.0154	0.2361	0.00067	0.0782	0.00045	0.0787	0.0208	0.00042	0.0212
AC - 2025	1.4135	0.1426	2.0525	0.00065	0.0782	0.00043	0.0787	0.0208	0.0004	0.0212
Onsite	1.3924	0.1288	1.8324	0	0	0	0	0	0	0
Offsite	0.0211	0.0138	0.2201	0.00065	0.0782	0.00043	0.0787	0.0208	0.0004	0.0212

One San Pedro Specific Plan
Harbor Construction - Mitigated
CalEEMod Summary

Site Prep - 2023

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.0413	0.1788	2.545	0.00338	0	0.0055	0.0055	0	0.0055	0.0055
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	1.03E-02	7.40E-03	1.09E-01	3.00E-04	3.35E-02	2.00E-04	3.37E-02	8.89E-03	1.90E-04	9.08E-03
Total	0.0516	0.1862	2.6537	0.00368	0.0335	0.0057	0.0392	0.00889	0.00569	0.01458

Grading - 2023

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0.5026	0	0.5026	0.0554	0	0.0554
Off-Road	0.6317	3.3137	33.3329	0.0529	0	0.0822	0.0822	0	0.0822	0.0822
Hauling	0.1184	9.6932	2.0267	0.0443	1.3604	0.0636	1.4241	0.3729	0.0609	0.4338
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	1.31E-01	9.37E-02	1.38E+00	3.76E-03	4.25E-01	2.56E-03	4.27E-01	1.13E-01	2.36E-03	1.15E-01
Total	0.8808	13.1006	36.7366	0.10096	2.2878	0.14836	2.4362	0.541	0.14546	0.6864

Utilities - 2023

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.7866	5.4676	28.3562	0.0489	0	0.1556	0.1556	0	0.1485	0.1485
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	1.14E-01	8.14E-02	1.20E+00	3.27E-03	3.69E-01	2.23E-03	3.71E-01	9.78E-02	2.05E-03	9.99E-02
Total	0.9001	5.549	29.552	0.05217	0.3689	0.15783	0.5267	0.0978	0.15055	0.2484

One San Pedro Specific Plan
Harbor Construction - Mitigated
CalEEMod Summary

BC - 2023

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.1089	1.0484	4.8705	0.00761	0	0.0125	0.0125	0	0.0125	0.0125
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.00576	0.2009	0.0767	0.00093	0.032	0.00097	0.033	0.00922	0.00093	0.0102
Worker	1.20E-01	8.63E-02	1.27E+00	3.46E-03	3.91E-01	2.36E-03	3.94E-01	1.04E-01	2.17E-03	1.06E-01
Total	0.23506	1.3356	6.2155	0.012	0.4232	0.01583	0.4391	0.11302	0.0156	0.1286

BC - 2024

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust	0	0	0	0	0	0	0	0	0	0
Off-Road	0.1089	1.0484	4.8705	0.00761	0	0.0125	0.0125	0	0.0125	0.0125
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0.00558	0.2014	0.0751	0.00092	0.032	0.00098	0.033	0.00922	0.00093	0.0102
Worker	1.13E-01	7.71E-02	1.18E+00	3.36E-03	3.91E-01	2.26E-03	3.94E-01	1.04E-01	2.08E-03	1.06E-01
Total	0.22708	1.3269	6.1262	0.01189	0.4232	0.01574	0.439	0.11302	0.01551	0.1285

Paving - 2023

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Off-Road	0.3782	6.2498	15.6391	0.0207	0	0.0338	0.0338	0	0.0338	0.0338
Paving	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	8.60E-02	6.17E-02	9.06E-01	2.47E-03	2.79E-01	1.69E-03	2.81E-01	7.41E-02	1.55E-03	7.57E-02
Total	0.4642	6.3115	16.545	0.02317	0.2794	0.03549	0.3149	0.0741	0.03535	0.1095

One San Pedro Specific Plan
Harbor Construction - Mitigated
CalEEMod Winter

Site Prep - 2023 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					0	0	0	0	0	0
Off-Road	0.0413	0.1788	2.545	3.38E-03		5.50E-03	5.50E-03		5.50E-03	5.50E-03
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.0103	7.40E-03	0.0999	2.80E-04	0.0335	2.00E-04	0.0337	8.89E-03	1.90E-04	9.08E-03
Total	0.0516	0.1862	2.6449	0.00366	0.0335	0.0057	0.0392	0.00889	0.00569	0.01458

Grading - 2023 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust					0.5026	0	0.5026	0.0554	0	0.0554
Off-Road	0.6317	3.3137	33.3329	0.0529		0.0822	0.0822		0.0822	0.0822
Hauling	0.114	9.6932	2.0267	0.0443	0.3604	0.0636	1.4241	0.3729	0.0609	0.4338
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1307	0.0937	1.2657	3.56E-03	0.4248	2.56E-03	0.4273	0.1127	2.36E-03	0.115
Total	0.8764	13.1006	36.6253	0.10076	1.2878	0.14836	2.4362	0.541	0.14546	0.6864

Utilities - 2023 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust										
Off-Road	0.7866	5.4676	28.3562	0.0489		0.1556	0.1556		0.1485	0.1485
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.1135	0.0814	1.0992	3.09E-03	0.3689	2.23E-03	0.3711	0.0978	2.05E-03	0.0999
Total	0.9001	5.549	29.4554	0.05199	0.3689	0.15783	0.5267	0.0978	0.15055	0.2484

One San Pedro Specific Plan
Harbor Construction - Mitigated
CalEEMod Winter

BC - 2023 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust										
Off-Road	0.1089	1.0484	4.8705	7.61E-03		0.0125	0.0125		0.0125	0.0125
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	5.56E-03	0.2009	0.0767	9.30E-04	0.032	9.70E-04	0.033	9.22E-03	9.30E-04	0.0102
Worker	0.1204	0.0863	1.1658	3.28E-03	0.3912	2.36E-03	0.3936	0.1038	2.17E-03	0.1059
Total	0.23486	1.3356	6.113	0.01182	0.4232	0.01583	0.4391	0.11302	0.0156	0.1286

BC - 2024 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Fugitive Dust										
Off-Road	0.1089	1.0484	4.8705	7.61E-03		0.0125	0.0125		0.0125	0.0125
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	5.37E-03	0.2014	0.0751	9.20E-04	0.032	9.80E-04	0.033	9.22E-03	9.30E-04	0.0102
Worker	0.1126	0.0771	1.0861	3.19E-03	0.3912	2.26E-03	0.3935	0.1038	2.08E-03	0.1058
Total	0.22687	1.3269	6.0317	0.01172	0.4232	0.01574	0.439	0.11302	0.01551	0.1285

Paving - 2023 Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	lbs/day									
Off-Road	0.3782	6.2498	15.6391	0.0207		0.0338	0.0338		0.0338	0.0338
Paving	0					0	0		0	0
Hauling	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0
Worker	0.086	0.0617	0.8327	2.34E-03	0.2794	1.69E-03	0.2811	0.0741	1.55E-03	0.0757
Total	0.4642	6.3115	16.4718	0.02304	0.2794	0.03549	0.3149	0.0741	0.03535	0.1095

One San Pedro Specific Plan
Harbor Construction - Mitigated
CalEEMod Winter

AC - 2024 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coat		1.3627					0	0		0	0
Off-Road		0.0297	0.1288	1.8324	3.5200e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0225	0.0154	0.2172	6.40E-04	0.0782	4.50E-04	0.0787	0.0208	4.20E-04	0.0212
Total		1.4149	0.1442	2.0496	0.00064	0.0782	0.00045	0.0787	0.0208	0.00042	0.0212

AC - 2025 Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		1.3627					0	0		0	0
Off-Road		0.0297	0.1288	1.8324	3.5200e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0211	0.0138	0.2026	6.20E-04	0.0782	4.30E-04	0.0787	0.0208	4.00E-04	0.0212
Total		1.4135	0.1426	2.035	0.00062	0.0782	0.00043	0.0787	0.0208	0.0004	0.0212

One San Pedro Specific Plan
Harbor Construction - Mitigated
CalEEMod Summer

Site Prep - 2023 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						0	0	0	0	0	0
Off-Road		0.0413	0.1788	2.545	3.38E-03		5.50E-03	5.50E-03		5.50E-03	5.50E-03
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		9.61E-03	6.70E-03	0.1087	3.00E-04	0.0335	2.00E-04	0.0337	8.89E-03	1.90E-04	9.08E-03
Total		0.05091	0.1855	2.6537	0.00368	0.0335	0.0057	0.0392	0.00889	0.00569	0.01458

Grading - 2023 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust						0.5026	0	0.5026	0.0554	0	0.0554
Off-Road		0.6317	3.3137	33.3329	0.0529		0.0822	0.0822		0.0822	0.0822
Hauling		0.1184	9.3092	2.0135	0.0443	1.3604	0.0635	1.424	0.3729	0.0608	0.4337
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1217	0.0848	1.377	3.76E-03	0.4248	2.56E-03	0.4273	0.1127	2.36E-03	0.115
Total		0.8718	12.7077	36.7234	0.10096	2.2878	0.14826	2.4361	0.541	0.14536	0.6863

Utilities - 2023 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.7866	5.4676	28.3562	0.0489		0.1556	0.1556		0.1485	0.1485
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.1057	0.0737	1.1958	3.27E-03	0.3689	2.23E-03	0.3711	0.0978	2.05E-03	0.0999
Total		0.8923	5.5413	29.552	0.05217	0.3689	0.15783	0.5267	0.0978	0.15055	0.2484

One San Pedro Specific Plan
Harbor Construction - Mitigated
CalEEMod Summer

BC - 2023 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.1089	1.0484	4.8705	7.61E-03		0.0125	0.0125		0.0125	0.0125
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		5.76E-03	0.1919	0.0744	9.30E-04	0.032	9.60E-04	0.033	9.22E-03	9.20E-04	0.0101
Worker		0.1121	0.0781	1.2683	3.46E-03	0.3912	2.36E-03	0.3936	0.1038	2.17E-03	0.1059
Total		0.22676	1.3184	6.2132	0.012	0.4232	0.01582	0.4391	0.11302	0.01559	0.1285

BC - 2024 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Fugitive Dust											
Off-Road		0.1089	1.0484	4.8705	7.61E-03		0.0125	0.0125		0.0125	0.0125
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		5.58E-03	0.1923	0.0728	9.20E-04	0.032	9.70E-04	0.033	9.22E-03	9.30E-04	0.0102
Worker		0.1045	0.0698	1.1806	3.36E-03	0.3912	2.26E-03	0.3935	0.1038	2.08E-03	0.1058
Total		0.21898	1.3105	6.1239	0.01189	0.4232	0.01573	0.439	0.11302	0.01551	0.1285

Paving - 2023 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Off-Road		0.3782	6.2498	15.6391	0.0207		0.0338	0.0338		0.0338	0.0338
Paving		0					0	0		0	0
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0801	0.0558	0.9059	2.47E-03	0.2794	1.69E-03	0.2811	0.0741	1.55E-03	0.0757
Total		0.4583	6.3056	16.545	0.02317	0.2794	0.03549	0.3149	0.0741	0.03535	0.1095

One San Pedro Specific Plan
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CalEEMod Summer

AC - 2024 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coat		1.3627					0	0		0	0
Off-Road		0.0297	0.1288	1.8324	3.5200e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0209	0.014	0.2361	6.70E-04	0.0782	4.50E-04	0.0787	0.0208	4.20E-04	0.0212
Total		1.4133	0.1428	2.0685	0.00067	0.0782	0.00045	0.0787	0.0208	0.00042	0.0212

AC - 2025 Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		lbs/day									
Arch. Coating		1.3627					0	0		0	0
Off-Road		0.0297	0.1288	1.8324	3.5200e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003
Hauling		0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0
Worker		0.0195	0.0125	0.2201	6.50E-04	0.0782	4.30E-04	0.0787	0.0208	4.00E-04	0.0212
Total		1.4119	0.1413	2.0525	0.00065	0.0782	0.00043	0.0787	0.0208	0.0004	0.0212

One San Pedro Specific Plan
Report Tables - NEPA - Unmitigated Construction

Proposed Project

Overall Construction Emissions[1]

	ROG[2]	NO_X	CO		PM_{10}	$PM_{2.5}$
Scenario A						
Harbor	<1	1	1	<1	<1	<1
Phase 1	1	9	13	<1	1	<1
Phase 2	2	7	13	<1	1	<1
Phase 3	2	3	6	<1	1	<1
Harbor + Phase 1	1	10	13	<1	1	<1
Phase 2 + Phase 3	2	5	10	<1	1	<1
Scenario B						
Harbor	<1	1	1	<1	<1	<1
Phase 1	1	9	13	<1	1	<1
Phase 2	2	7	13	<1	1	<1
Phase 3	2	3	6	<1	1	<1
Harbor + Phase 1	1	10	13	<1	1	<1
Phase 2 + Phase 3	2	5	10	<1	1	<1
Max Annual - Scenario A	2	9	13	0	1	<1
Max Annual - Scenario B	2	9	13	<1	1	<1
De Minimis Levels[3]	*10*	*10*	*100*		*100*	*70*
Exceed De Minimis Levels?	**No**	**No**	**No**		**No**	**No**

1 Grading phases incorporate anticipated emissions reductions from compliance with SCAQMD Rule 403 to reduce fugitive dust.

2 In accordance with the CalEEMod User's Guide, the term, Reactive Organic Gas (ROG) is used for the purposes of comparing ROG values to VOC significance thresholds. The User's Guide specifies that both terms refer to precursors to ozone and may be used interchangeably and the CalEEMod reports figures under the header ROG.

3 De Minimis levels correspond to the level of nonattainment and maintenance and are provided by USEPA at https://www.epa.gov/general-conformity/de-minimis-tables.

Source: CalEEMod v.2022

Proposed Project Alternative Annual Construction and Operational Overlap Criteria Pollutant Emissions (tons per year)

Plan Area[1]	VOC	NOx	CO	SO_2	PM_{10}	$PM_{2.5}$
Scenario A (tons/year)						
Construction of OSP Specific Plan Site Phases 2 and 3; Operation of 327 Harbor Site and OSP Specif						
Construction of OSP Specific Plan Site Phase	2	5	10	<1	1	<1
Operation of 327 Harbor Site and OSP Specif	4	1	17	<1	3	1
Total	**6**	**7**	**27**	**<1**	**5**	**1**
Construction of OSP Specific Plan Site Phase 3; Operation of 327 Harbor Site and OSP Specific Plan						
Construction of OSP Specific Plan Site Phase	2	3	6	<1	1	<1
Operation of 327 Harbor Site and OSP Specif	8	3	41	<1	8	2
Total	**11**	**6**	**47**	**<1**	**9**	**2**
Scenario B (tons/year)						
Construction of OSP Specific Plan Site Phases 2 and 3; Operation of 327 Harbor Site and OSP Specif						
Construction of OSP Specific Plan Site Phase	2	5	10	<1	1	<1
Operation of 327 Harbor Site and OSP Specif	4	2	20	<1	4	1
Total	**7**	**7**	**30**	**<1**	**5**	**1**
Construction of OSP Specific Plan Site Phase 3; Operation of 327 Harbor Site and OSP Specific Plan						
Construction of OSP Specific Plan Site Phase	2	3	6	<1	1	<1
Operation of 327 Harbor Site and OSP Specif	10	4	48	<1	10	3
Total	**11**	**7**	**54**	**<1**	**11**	**3**
Max Scenario A	11	7	47	<1	9	2
Max Scenario B	11	7	54	<1	11	3
Existing	*3*	*2*	*17*	<1	*3*	*1*
Net Scenario A	**7**	**5**	**30**	**<1**	**7**	**2**
Net Scenario B	**8**	**5**	**37**	**<1**	**8**	**2**
De Minimis Levels	10	10	70	100		
Exceed Threshold?	**No**	**Yes**	**No**	**No**		

NOX = nitrogen oxides, VOC = volatile organic compounds, PM_{10} = particulate matter with a diameter of 10 microns or less; $PM_{2.5}$ = particulate matter with a diameter of 2.5 microns or less; SO_2 = sulfur dioxide; CO = carbon monoxide

Note: Totals may be rounded based on the totals presented in the CalEEMod outputs.

[1]. Note that the 327 Harbor Site is referred to as "327 Harbor" in the CalEEMod outputs.

Source: See Appendix AQ

One San Pedro Specific Plan
Report Tables - NEPA - Unmitigated Construction

Historic Preservation Alternative

Overall Construction Emissions[1]

	ROG[2]	NO_X	CO		PM_{10}	$PM_{2.5}$
Harbor	<1	1	1	<1	<1	<1
Phase 1	1	3	3	<1	<1	<1
Phase 2	1	3	3	<1	<1	<1
Phase 3	1	2	3	<1	<1	<1
Max Annual	1	3	3	0	<1	<1
De Minimis Levels [3]	*10*	*10*	*100*		*100*	*70*
Exceed De Minimis Levels?	**No**	**No**	**No**		**No**	**No**

1 Grading phases incorporate anticipated emissions reductions from compliance with SCAQMD Rule 403 to reduce fugitive dust.

2 In accordance with the CalEEMod User's Guide, the term, Reactive Organic Gas (ROG) is used for the purposes of comparing ROG values to VOC significance thresholds. The User's Guide specifies that both terms refer to precursors to ozone and may be used interchangeably and the CalEEMod reports figures under the header ROG.

3 De Minimis levels correspond to the level of nonattainment and maintenance and are provided by USEPA at https://www.epa.gov/general-conformity/de-minimis-tables.

Source: CalEEMod v.2022

One San Pedro Specific Plan
Report Tables - NEPA - Unmitigated Construction

Partial Preservation Alternative

Overall Construction Emissions[1]

	ROG[2]	NO_X	CO		PM_{10}	$PM_{2.5}$
Harbor	<1	1	1	<1	<1	<1
Phase 1	2	8	10	<1	1	<1
Phase 2	1	6	7	<1	1	<1
Phase 3	2	5	8	<1	1	<1
Harbor + Phase 1	1	8	11	<1	1	<1
Phase 1 + Phase 2	1	6	8	<1	1	<1
Phase 2 + Phase 3	2	7	11	<1	1	<1
Max Annual	2	8	11	<1	1	<1
De Minimis Levels[3]	*10*	*10*	*100*		*100*	*70*
Exceed De Minimis Levels?	**No**	**No**	**No**		**No**	**No**

1 Grading phases incorporate anticipated emissions reductions from compliance with SCAQMD Rule 403 to reduce fugitive dust.

2 In accordance with the CalEEMod User's Guide, the term, Reactive Organic Gas (ROG) is used for the purposes of comparing ROG values to VOC significance thresholds. The User's Guide specifies that both terms refer to precursors to ozone and may be used interchangeably and the CalEEMod reports figures under the header ROG.

3 De Minimis levels correspond to the level of nonattainment and maintenance and are provided by USEPA at https://www.epa.gov/general-conformity/de-minimis-tables.

Source: CalEEMod v.2022

Partial Preservation Alternative Annual Construction and Operational Overlap Criteria Pollutant Emissions (tons per year)

Plan Area[1]	VOC	NOx	CO	SO_2	PM_{10}	$PM_{2.5}$
Construction of OSP Specific Plan Site Phases 2 and 3; Operation of 327 Harbor Site and OSP Specif						
Construction of OSP Specific Plan Site Phase	2	7	11	<1	1	<1
Operation of 327 Harbor Site and OSP Speci	3	3	21	0	4	1
Total	**6**	**10**	**32**	**0**	**5**	**1**
Construction of OSP Specific Plan Site Phase 3; Operation of 327 Harbor Site and OSP Specific Plan						
Construction of OSP Specific Plan Site Phase	2	5	8	<1	1	<1
Operation of 327 Harbor Site and OSP Speci	6	4	35	<1	7	2
Total	**8**	**9**	**43**	**<1**	**8**	**2**
Max Emissions	8	10	43	<1	8	2
Existing	*3*	*2*	*17*	*<1*	*3*	*1*
Net Emissions	**4**	**8**	**25**	**<1**	**5**	**1**
De Minimis Levels	10	10	70	100		
Exceed Threshold?	**No**	**No**	**No**	**No**		

NOx = nitrogen oxides, VOC = volatile organic compounds, PM_{10} = particulate matter with a diameter of 10 microns or less; $PM_{2.5}$ = particulate matter with a diameter of 2.5 microns or less; SO_2 = sulfur dioxide; CO = Note: Totals may be rounded based on the totals presented in the CalEEMod outputs.

[1]. Note that the 327 Harbor Site is referred to as "327 Harbor" in the CalEEMod outputs.

Source: See Appendix AQ

Report Tables - NEPA - Unmitigated Construction

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10
	tons/yr					
Partial Preservation 1 - Rebuild						
Demo 2024 Original	3.60E-04	0.0237	6.10E-03	1.00E-04	2.93E-03	1.40E-04
New	6.4000e-004	5.45E-02	1.14E-02	2.4000e-004	7.3900e-003	3.5000e-004
Grading 2024	2.33E-03	0.1531	0.0396	6.40E-04	0.0191	9.20E-04
	4.1200e-003	3.52E-01	7.38E-02	1.5600e-003	4.77E-02	2.2900e-003
Partial Preservation 1 - Rehab						
Demo 2024	5.00E-05	3.03E-03	7.80E-04	1.00E-05	3.80E-04	2.00E-05
	8.0000e-005	6.9700e-003	1.4600e-003	3.0000e-005	9.5000e-004	5.0000e-005
Partial Preservation 2 - Rebuild						
Demo 2027	1.50E-04	9.86E-03	2.71E-03	4.00E-05	1.26E-03	6.00E-05
	2.6000e-004	2.26E-02	5.1100e-003	1.0000e-004	3.1600e-003	1.5000e-004
Grading 2027	3.21E-03	0.212	0.0582	8.60E-04	0.0272	1.30E-03
	5.6400e-003	4.87E-01	1.10E-01	2.0800e-003	6.79E-02	3.2200e-003
Partial Preservation 2 - Rehab						
Demolition 2027	7.00E-05	4.43E-03	1.22E-03	2.00E-05	5.70E-04	3.00E-05
	1.2000e-004	1.02E-02	2.3000e-003	4.0000e-005	1.4200e-003	7.0000e-005
Partial Preservation 3 - Rebuild						
Demolition 2029	3.00E-04	0.0199	5.69E-03	8.00E-05	2.61E-03	1.20E-04
	5.0000e-004	4.26E-02	1.02E-02	1.8000e-004	6.0400e-003	2.8000e-004
Grading 2029	4.28E-03	0.2811	0.0803	1.11E-03	0.0368	1.73E-03
	7.0800e-003	6.01E-01	1.44E-01	2.5100e-003	8.54E-02	3.9800e-003
Partial Preservation 3 - Rehab						
Demo 2030	6.00E-05	4.16E-03	1.21E-03	2.00E-05	5.50E-04	3.00E-05
	1.1000e-004	9.5400e-003	2.3000e-003	4.0000e-005	1.3800e-003	6.0000e-005

Historic Preservatio - P1						
Demolition 2024	1.00E-04	6.62E-03	1.71E-03	3.00E-05	8.30E-04	4.00E-05
	1.8000e-004	1.52E-02	3.1900e-003	7.0000e-005	2.0600e-003	1.0000e-004
Historic Preservation - P2						
Demolition 2026	9.00E-05	5.97E-03	1.61E-03	2.00E-05	7.60E-04	4.00E-05
	1.6000e-004	1.37E-02	3.0200e-003	6.0000e-005	1.8900e-003	9.0000e-005
Historic Preservation - P3						
Demolition 2028	1.10E-04	7.24E-03	2.03E-03	3.00E-05	9.40E-04	4.00E-05
	1.9000e-004	1.66E-02	3.8400e-003	7.0000e-005	2.3400e-003	1.1000e-004
Proposed Project - Harbor						
Grading 2023	3.00E-04	0.0193	4.90E-03	8.00E-05	2.41E-03	1.20E-04
	5.20E-04	4.42E-02	9.08E-03	2.00E-04	6.02E-03	2.90E-04
Proposed Project - Phase 1						
Demo 2024	7.40E-04	0.049	0.0127	2.00E-04	6.12E-03	3.00E-04
	1.3200e-003	1.13E-01	2.36E-02	5.0000e-004	1.53E-02	7.3000e-004
Grading 2024	9.31E-03	0.6123	0.1583	2.56E-03	0.0764	3.69E-03
	1.04E-02	8.90E-01	1.87E-01	3.9300e-003	1.21E-01	5.7800e-003
Grading 2025	4.73E-03	0.3118	0.0822	1.29E-03	0.0392	1.89E-03
	5.2800e-003	4.53E-01	9.73E-02	1.98E-03	6.19E-02	2.9700e-003
Proposed Project - Phase 2						
Demo 2031	6.80E-04	0.0442	0.0131	1.70E-04	5.90E-03	2.70E-04
	1.1700e-003	1.01E-01	2.50E-02	4.1000e-004	1.48E-02	6.7000e-004
Grading 2031	6.78E-03	0.4435	0.1313	1.71E-03	0.0592	2.70E-03
	1.42E-02	1.22E+00	3.02E-01	5.0000e-003	1.78E-01	8.0900e-003
Proposed Project -Phase 3						
Demon 2034	6.70E-04	0.0432	0.0134	1.60E-04	5.90E-03	2.60E-04
	1.4200e-003	1.22E-01	3.16E-02	4.8000e-004	1.82E-02	8.1000e-004
Grading 2034	8.10E-03	0.5222	0.1618	1.94E-03	0.0714	3.18E-03
	1.39E-02	1.19E+00	3.09E-01	4.7300e-003	1.78E-01	7.9000e-003

PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O
				MT/yr				
3.10E-03	8.31E-04	1.40E-04	9.50E-04	0	9.8902	9.8902	5.60E-04	1.57E-03
7.7500e-003	2.0300e-003	3.4000e-004	2.3700e-003	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
0.02	5.25E-03	8.80E-04	6.13E-03	0	63.8552	63.8552	3.60E-03	0.0101
5.00E-02	1.31E-02	2.1900e-003	1.53E-02	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
4.00E-04	1.00E-04	2.00E-05	1.20E-04	0	1.265	1.265	7.00E-05	2.00E-04
9.9000e-004	2.6000e-004	4.0000e-005	3.0000e-004	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
1.33E-03	3.50E-04	6.00E-05	4.10E-04	0	3.9889	3.9889	2.40E-04	6.30E-04
3.3100e-003	8.7000e-004	1.4000e-004	1.0100e-003	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
0.0285	7.47E-03	1.24E-03	8.71E-03	0	85.7467	85.7467	5.26E-03	0.0136
7.11E-02	1.87E-02	3.0800e-003	2.17E-02	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
5.90E-04	1.60E-04	3.00E-05	1.80E-04	0	1.7909	1.7909	1.10E-04	2.80E-04
1.4900e-003	3.9000e-004	6.0000e-005	4.5000e-004	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2.73E-03	7.20E-04	1.20E-04	8.30E-04	0	7.8878	7.8878	5.10E-04	1.26E-03
6.3300e-003	1.6600e-003	2.7000e-004	1.9300e-003	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
0.0386	0.0101	1.65E-03	0.0118	0	111.4177	111.4177	7.25E-03	0.0177
8.94E-02	2.35E-02	3.8100e-003	2.73E-02	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
5.80E-04	1.50E-04	2.00E-05	1.80E-04	0	1.6319	1.6319	1.10E-04	2.60E-04
1.4400e-003	3.8000e-004	6.0000e-005	4.4000e-004	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

8.70E-04	2.30E-04	4.00E-05	2.60E-04	0	2.7601	2.7601	1.60E-04	4.40E-04
2.1600e-003	5.7000e-004	9.0000e-005	6.6000e-004	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
7.90E-04	2.10E-04	3.00E-05	2.40E-04	0	2.4373	2.4373	1.50E-04	3.90E-04
1.9800e-003	5.2000e-004	9.0000e-005	6.1000e-004	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
9.80E-04	2.60E-04	4.00E-05	3.00E-04	0	2.8973	2.8973	1.80E-04	4.60E-04
2.4500e-003	6.4000e-004	1.1000e-004	7.5000e-004	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2.52E-03	6.60E-04	1.10E-04	7.70E-04	0	8.1658	8.1658	4.50E-04	1.30E-03
6.30E-03	1.65E-03	2.74E-04	1.93E-03	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
6.41E-03	1.68E-03	2.80E-04	1.96E-03	0	20.4417	20.4417	1.15E-03	3.25E-03
1.60E-02	4.2000e-003	7.0000e-004	4.9000e-003	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
0.0801	0.021	3.53E-03	0.0245	0	255.3819	255.3819	0.0144	0.0406
1.27E-01	3.31E-02	5.5300e-003	3.87E-02	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
0.0411	0.0108	1.81E-03	0.0126	0	128.5526	128.5526	7.46E-03	0.0204
6.48E-02	1.70E-02	2.8400e-003	1.98E-02	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
6.17E-03	1.62E-03	2.60E-04	1.88E-03	0	17.1394	17.1394	1.18E-03	2.73E-03
1.54E-02	4.0500e-003	6.4000e-004	4.6900e-003	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
0.0619	0.0163	2.58E-03	0.0188	0	171.8439	171.8439	0.0119	0.0274
1.86E-01	4.90E-02	7.7400e-003	5.67E-02	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
6.17E-03	1.62E-03	2.50E-04	1.87E-03	0	16.2481	16.2481	1.21E-03	2.59E-03
1.90E-02	5.0000e-003	7.7000e-004	5.7700e-003	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
0.0746	0.0196	3.04E-03	0.0227	0	196.4695	196.4695	0.0146	0.0313
1.86E-01	4.90E-02	7.5600e-003	5.65E-02	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

CO2e
10.3724
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2.8946

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2.5564

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3.0392

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17.9824

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180.2962

#DIV/0!

17.0501

#DIV/0!

206.167

#DIV/0!

One San Pedro Specific Plan
Report Tables - NEPA - Unmitigated Construction

Max Regional Daily Construction
Scenario A

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		Tons/year					
By Year							
2023		0.0912	0.8242	0.9475	0	0.0893	0.046
2024		0.9418	8.6774	11.5438	0.0242	0.8202	0.4337
2025		1.0698	8.99E+00	12.7148	0.028	0.9233	0.4655
2026		0.5684	4.1033	5.9005	0.01542	0.9503	0.3568
2027		0.5584	4.0892	5.7965	0.01522	0.9501	0.3566
2028		1.0944	4.8719	6.8939	0.01755	1.0816	0.4161
2029		1.319	5.2203	7.3381	0.01851	1.1429	0.4432
2030		1.2479	3.4808	7.0395	0.01892	1	0.3295
2031		1.0482	6.9567	13.4726	0.0312	0.6216	0.2573
2032		0.58797	2.94188	6.29042	0.01729	0.86055	0.2804
2033		0.522	2.5882	5.5047	0.01582	0.8481	0.2681
2034		1.8397	5.29913	8.4905	0.0186	1.4336	0.4423

One San Pedro Specific Plan
Report Tables - NEPA - Unmitigated Construction

2035	2.28226	4.45364	9.5435	0.02644	1.36565	0.42522
2036	1.12316	2.83679	6.066	0.01756	0.9311	0.2843
2037	2.1856	2.3012	4.6433	0.01215	0.6111	0.1975
By Phase						
Harbor	0.2317	0.8335	1.0253	0.0022	0.0952	0.0487
PA1	1.319	8.9864	12.7148	0.028	1.1429	0.4655
PA2	1.8017	6.9567	13.4726	0.0312	0.9749	0.3199
PA3	2.1856	2.83679	6.066	0.01756	0.9311	0.2843
By Overlap						
Harbor & Phase 1	1.1735	9.5109	12.7737	0.02811	0.92677	0.4824
Phase 2 & Phase 3	2.28226	5.29913	9.5435	0.02644	1.4336	0.4423

Emissions By Year and Planning Area

Scenario A

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
2023	Harbor	9.12E-02	8.24E-01	9.48E-01	2.1300e-003	8.93E-02	4.60E-02
		0.0907	0.7967	0.9403	2.00E-03	0.0853	0.0447
2024	Harbor	0.2317	0.8335	1.0253	2.20E-03	0.0952	0.0487
	P1	9.42E-01	8.68E+00	1.15E+01	2.42E-02	8.20E-01	4.34E-01
		0.91113	8.66027	11.2178	0.01882	0.70322	0.39741
2025	Harbor	0.0351	4.49E-02	0.0589	1.10E-04	3.47E-03	2.32E-03
	PA1	1.07E+00	8.99E+00	1.27E+01	2.80E-02	9.23E-01	4.66E-01
		1.06182	8.98233	12.6312	0.02576	0.89061	0.45688
2027	PA1	0.5584	4.0892	5.7965	0.01522	0.9501	0.3566
2028	PA1	1.0944	4.8719	6.8939	0.01755	1.0816	0.4161
2029	PA1	1.319	5.2203	7.3381	0.01851	1.1429	0.4432
2030	PA1	1.2479	3.4808	7.0395	0.01892	1	0.3295
2031	PA2	1.05E+00	6.96E+00	1.35E+01	3.12E-02	6.22E-01	2.57E-01
		1.03148	6.94619	13.28255	0.02513	0.52758	0.23209
2032	PA2	0.58797	2.94188	6.29042	0.01729	0.86055	0.2804
2033	PA2	0.522	2.5882	5.5047	0.01582	0.8481	0.2681
2034	PA2	1.6885	3.38873	6.851	0.0186	0.9749	0.3199
	PA3	1.51E-01	1.91E+00	1.64E+00	8.7300e-003	4.59E-01	1.22E-01
		0.87157	6.06527	11.11654	0.02131	0.56183	0.2222
2035	PA2	1.8017	1.9314	4.0189	0.01005	0.4908	0.1619
	PA3	0.48056	2.52224	5.5246	0.01639	0.87485	0.26332

One San Pedro Specific Plan
Report Tables - NEPA - Unmitigated Construction

2036	PA3	1.12316	2.83679	6.066	0.01756	0.9311	0.2843
2037	PA3	2.1856	2.3012	4.6433	0.01215	0.6111	0.1975

One San Pedro Specific Plan
Report Tables - NEPA - Unmitigated Construction

Scenario A

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
			lbs/day					
2024	PA1	Demolition - Onsite	0.3842	3.3395	5.0295	8.95E-03	0.2268	0.1538
		Demolition - Offsite	0.00132	0.1127	0.0236	5.0000e-004	0.016	4.9000e-003
		Site Prep - Onsite	0.0415	0.3855	0.3162	4.10E-04	0.0267	0.0245
		Site Prep - Offsite	1.81E-03	1.37E-03	0.0193	6.00E-05	6.72E-03	1.81E-03
		Grading - Onsite	0.4719	3.9314	5.6427	9.40E-03	0.3005	0.1786
		Grading - Offsite	0.0104	0.8898	0.1865	3.9300e-003	0.1265	0.0387
2025	PA1	Grading - Onsite	0.2241	1.8441	2.8615	4.82E-03	0.203	0.0854
		Grading - Offsite	0.00528	0.4531	0.0973	1.9800e-003	0.0648	0.0198
		BC - Onsite	0.1457	1.3232	1.4809	2.86E-03	0.0551	0.052
		BC - OffSite	0.0741	0.2393	0.8037	3.08E-03	0.3055	0.0835
		Paving - Onsite	0.036	0.3209	0.4961	8.20E-04	0.0148	0.014
		Paving - Offsite	1.94E-03	1.41E-03	0.0206	6.00E-05	7.71E-03	2.08E-03
		Utilities - Onsite	0.5646	4.793	6.7641	0.0138	0.1997	0.1893
		Utilities - Offsite	0.0101	7.32E-03	0.107	3.20E-04	0.04	0.0108
2026	PA1	BC - Onsite	0.384	3.4884	3.9041	7.54E-03	0.1452	0.137
		BC - OffSite	0.1844	0.6149	1.9964	7.88E-03	0.8051	0.2198
2027	PA1	BC - Onsite	0.384	3.4884	3.9041	7.54E-03	0.1452	0.137
		BC - OffSite	0.1744	0.6008	1.8924	7.68E-03	0.8049	0.2196
2028	PA1	BC - Onsite	0.3825	3.475	3.8891	7.51E-03	0.1446	0.1365
		BC - OffSite	0.1647	0.5865	1.7996	7.47E-03	0.8015	0.2185
		AC - Onsite Offgas	0.4049				0	0
		AC - Onsite - Equipmen	0.1208	0.7962	0.9758	1.81E-03	0.0338	0.0338
		AC - Offsite	0.0215	0.0142	0.2294	7.60E-04	0.1017	0.0273

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One San Pedro Specific Plan
Report Tables - NEPA - Unmitigated Construction

Emissions by Phase, Planning Area, and Year

Scenario A

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
			lbs/day					
2029	PA1	BC - Onsite	**0.384**	**3.4884**	**3.9041**	**7.54E-03**	**0.1452**	**0.137**
		BC - OffSite	**0.1564**	**0.5776**	**1.7302**	**7.33E-03**	**0.8044**	**0.2191**
		AC - Onsite Offgas	0.5774				0	0
		AC - Onsite - Equipmen	0.1723	1.1356	1.3916	2.58E-03	0.0482	0.0482
		AC - Offsite	**0.0289**	**0.0187**	**0.3122**	**1.06E-03**	**0.1451**	**0.0389**
2030	PA1	BC - Onsite	**0.3692**	**1.9589**	**3.7871**	**8.44E-03**	**0.0487**	**0.0487**
		BC - OffSite	**0.1435**	**0.5504**	**1.6135**	**6.96E-03**	**0.7795**	**0.2122**
		AC - Onsite Offgas	0.5619				0	0
		AC - Onsite - Equipmen	0.1468	0.9546	1.3478	2.51E-03	0.0307	0.0307
		AC - Offsite	**0.0265**	**0.0169**	**0.2911**	**1.01E-03**	**0.1411**	**0.0379**
		PA2						
2031	PA2	Demolition - Onsite	**0.2473**	**1.272**	**3.4146**	**6.69E-03**	**0.1049**	**0.0419**
		Demolition - Offsite	**1.17E-03**	**0.1013**	**0.025**	**4.1000e-004**	**0.0154**	**0.00469**
		Site Prep - Onsite	**0.0214**	**0.1338**	**0.1957**	**3.10E-04**	**6.90E-03**	**6.90E-03**
		Site Prep - Offsite	**7.40E-04**	**4.70E-04**	**8.45E-03**	**3.00E-05**	**4.18E-03**	**1.12E-03**
		Grading - Onsite	**0.4295**	**2.49**	**5.4842**	**0.01**	**0.1379**	**0.066**
		Grading - Offsite	**0.0142**	**1.2248**	**0.3018**	**5.0000e-003**	**0.1864**	**0.0567**
		Utilities - Onsite	**0.313**	**1.7212**	**3.8055**	**7.94E-03**	**0.0485**	**0.0485**
		Utilities - Offsite	**4.17E-03**	**2.62E-03**	**0.0473**	**1.60E-04**	**0.0234**	**6.28E-03**
2032	PA2	BC - Onsite	**0.3918**	**2.0456**	**3.932**	**9.02E-03**	**0.0512**	**0.0512**
		BC - OffSite	**0.1305**	**0.5188**	**1.5509**	**6.72E-03**	**0.7873**	**0.214**
		Utilities - Onsite	**0.022**	**0.1212**	**0.268**	**5.60E-04**	**3.41E-03**	**3.41E-03**
		Utilities - Offsite	**2.80E-04**	**1.70E-04**	**3.22E-03**	**1.00E-05**	**1.65E-03**	**4.40E-04**
		Paving - Onsite	**0.0421**	**0.2553**	**0.5213**	**9.30E-04**	**9.29E-03**	**9.29E-03**
		Paving - Offsite	**1.29E-03**	**8.10E-04**	**0.015**	**5.00E-05**	**7.70E-03**	**2.06E-03**
2033	PA2	BC - Onsite	**0.3964**	**2.0695**	**3.9779**	**9.13E-03**	**0.0518**	**0.0518**

One San Pedro Specific Plan
Report Tables - NEPA - Unmitigated Construction

		BC - OffSite	0.1256	0.5187	1.5268	6.69E-03	0.7963	0.2163

Scenario A

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
2034	PA2	BC - Onsite	0.3964	2.0695	3.9779	9.13E-03	0.0518	0.0518
		BC - OffSite	0.1199	0.5131	1.4882	6.61E-03	0.7962	0.2161
		AC - Onsite Offgas	1.0343				0	0
		AC - Onsite - Equipmen	0.1224	0.7965	1.1969	2.18E-03	0.0247	0.0247
		AC - Offsite	0.0155	9.63E-03	0.188	6.80E-04	0.1022	0.0273
2034	PA3	Demolition - Onsite	0.1809	0.9235	2.4944	4.92E-03	0.1144	0.0366
		Demolition - Offsite	1.42E-03	0.1218	0.0316	4.8000e-004	0.019	0.00577003
		Site Prep - Onsite	0.0163	0.1021	0.1493	2.40E-04	5.27E-03	5.27E-03
		Site Prep - Offsite	4.80E-04	3.00E-04	5.74E-03	2.00E-05	3.19E-03	8.50E-04
		Grading - Onsite	0.3199	1.853	4.0738	7.46E-03	0.1046	0.0497
		Grading - Offsite	0.0139	1.193	0.3092	4.7300e-003	0.1862	0.0565
		Utilities - Onsite	0.2702	1.495	3.2552	6.75E-03	0.0419	0.0419
		Utilities - Offsite	2.87E-03	1.79E-03	0.0345	1.30E-04	0.0191	5.12E-03
		BC - Onsite	0.0233	0.1238	0.2394	5.30E-04	3.08E-03	3.08E-03
		BC - OffSite	7.68E-03	0.0462	0.0952	4.70E-04	0.0515	0.0141
		Paving - Onsite	0.0337	0.2042	0.4171	7.50E-04	7.43E-03	7.43E-03
		Paving - Offsite	9.20E-04	5.80E-04	0.0111	4.00E-05	6.16E-03	1.65E-03
2035	PA2	BC - Onsite	0.1427	0.6849	1.5427	3.55E-03	0.0131	0.0131
		BC - OffSite	0.0446	0.1976	0.5656	2.54E-03	0.3092	0.0839
		AC - Onsite Offgas	1.4333				0	0
		AC - Onsite - Equipmen	0.1607	1.0361	1.6564	3.03E-03	0.027	0.027
		AC - Offsite	0.0204	0.0128	0.2542	9.30E-04	0.1415	0.0379
	PA3	BC - Onsite	0.353	1.7343	3.8984	8.70E-03	0.0325	0.0325
		BC - OffSite	0.1201	0.7475	1.5194	7.49E-03	0.8397	0.2293
		Paving - Onsite	7.24E-03	0.0403	0.1041	1.90E-04	1.11E-03	1.11E-03

One San Pedro Specific Plan
Report Tables - NEPA - Unmitigated Construction

	Paving - Offsite	**2.20E-04**	**1.40E-04**	**2.70E-03**	**1.00E-05**	**1.54E-03**	**4.10E-04**

Scenario A

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
2036 PA3	BC - Onsite	**0.3544**	**1.7409**	**3.9134**	**8.73E-03**	**0.0327**	**0.0327**
	BC - OffSite	**0.1206**	**0.7504**	**1.5252**	**7.52E-03**	**0.8429**	**0.2302**
	AC - Onsite Offgas	0.5885				0	0
	AC - Onsite - Equipmen	0.053	0.3413	0.5456	1.00E-03	8.90E-03	8.90E-03
	AC - Offsite	**6.66E-03**	**4.19E-03**	**0.0818**	**3.10E-04**	**0.0466**	**0.0125**
2037 PA3	BC - Onsite	**0.1799**	**0.8837**	**1.9866**	**4.43E-03**	**0.0166**	**0.0166**
	BC - OffSite	**0.0612**	**0.3809**	**0.7743**	**3.81E-03**	**0.4279**	**0.1168**
	AC - Onsite Offgas	1.7656				0	0
	AC - Onsite - Equipmen	0.1589	1.024	1.6369	2.99E-03	0.0267	0.0267

One San Pedro Specific Plan
Unmitigated Construction Regional Criteria Pollutant Summary - Scenario B

Max Regional Daily Construction
Scenario B

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		Tons/year					
By Year							
2023		0.0912	0.8242	0.9475	0	0.0893	0.046
2024		0.9418	8.6774	11.5438	0.0242	0.8202	0.4337
2025		1.0698	8.9864	12.7148	0.028	0.9233	0.4655
2026		0.5684	4.1033	5.9005	0.01542	0.9503	0.3568
2027		0.5584	4.0892	5.7965	0.01522	0.9501	0.3566
2028		1.1763	4.8719	6.8939	0.01755	1.0816	0.4161
2029		1.4358	5.2203	7.3381	0.01851	1.1429	0.4432
2030		1.0482	6.9567	13.4726	0.0312	0.6216	0.2573
2031		1.03148	6.94619	13.28255	0.02513	0.52758	0.23209
2032		0.58797	2.94188	6.29042	0.01729	0.86055	0.2804
2033		0.522	2.5882	5.5047	0.01582	0.8481	0.2681
2034		1.984	5.29913	8.4905	0.0186	1.4336	0.4423

One San Pedro Specific Plan
Unmitigated Construction Regional Criteria Pollutant Summary - Scenario B

2035	2.48236	4.45364	9.5435	0.02644	1.36565	0.42522
2036	0.95476	2.83679	6.066	0.01756	0.9311	0.2843
2037	1.6802	2.3012	4.6433	0.01215	0.6111	0.1975
By Phase						
Harbor	0.2317	0.8335	1.0253	0.0022	0.0952	0.0487
PA1	1.4358	8.9864	13.4726	0.0312	1.1429	0.4655
PA2	2.0018	6.94619	13.28255	0.02513	0.9749	0.3199
PA3	1.6802	2.83679	6.066	0.01756	0.9311	0.2843
By Overlap						
Harbor & Phase 1	1.1735	9.5109	12.7737	0.02811	0.92677	0.4824
Phase 2 & Phase 3	2.48236	5.29913	9.5435	0.02644	1.4336	0.4423

Emissions By Year and Planning Area

Scenario B

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
2023	Harbor	0.09	0.82	0.95	2.1300e-003	0.09	0.05
2024	Harbor	0.2317	0.8335	1.0253	2.20E-03	0.0952	0.0487
	P1	9.42E-01	8.68E+00	1.15E+01	2.42E-02	8.20E-01	4.34E-01
2025	Harbor	0.0351	4.49E-02	0.0589	1.10E-04	3.47E-03	2.32E-03
	PA1	1.07E+00	8.99E+00	1.27E+01	2.80E-02	9.23E-01	4.66E-01
2026	PA1	0.5684	4.1033	5.9005	0.01542	0.9503	0.3568
2027	PA1	0.5584	4.0892	5.7965	0.01522	0.9501	0.3566
2028	PA1	1.1763	4.8719	6.8939	0.01755	1.0816	0.4161
2029	PA1	1.4358	5.2203	7.3381	0.01851	1.1429	0.4432
2030	PA1	1.05E+00	6.96E+00	1.35E+01	3.12E-02	6.22E-01	2.57E-01
2031	PA2	1.03148	6.94619	13.28255	0.02513	0.52758	0.23209
2032	PA2	0.58797	2.94188	6.29042	0.01729	0.86055	0.2804
2033	PA2	0.522	2.5882	5.5047	0.01582	0.8481	0.2681
2034	PA2	1.8328	3.38873	6.851	0.0186	0.9749	0.3199
	PA3	1.51E-01	1.91E+00	1.64E+00	.7300e-003	4.59E-01	1.22E-01
2035	PA2	2.0018	1.9314	4.0189	0.01005	0.4908	0.1619
	PA3	0.48056	2.52224	5.5246	0.01639	0.87485	0.26332
2036	PA3	0.95476	2.83679	6.066	0.01756	0.9311	0.2843

One San Pedro Specific Plan
Unmitigated Construction Regional Criteria Pollutant Summary - Scenario B

2037	PA3	1.6802	2.3012	4.6433	0.01215	0.6111	0.1975

One San Pedro Specific Plan
Unmitigated Construction Regional Criteria Pollutant Summary - Scenario B

Emissions by Phase, Planning Area, and Year

Scenario B

				ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
				lbs/day					
	2024	PA1	Demolition - Onsite	0.3842	3.3395	5.0295	0.00895	0.2268	0.1538
			Demolition - Offsite	0.00132	0.1127	0.0236	.0000e-004	0.016	.9000e-003
		2.8400e-	7.9100e-						
49.7594	49.7594	003	00	0.0415	0.3855	0.3162	0.00041	0.0267	0.0245
			Site Prep - Offsite	0.00181	0.00137	0.0193	0.00006	0.00672	0.00181
			Grading - Onsite	0.4719	3.9314	5.6427	0.0094	0.3005	0.1786
			Grading - Offsite	0.0104	0.8898	0.1865	.9300e-003	0.1265	0.0387
	2025	PA1	Grading - Onsite	0.2241	1.8441	2.8615	0.00482	0.203	0.0854
			Grading - Offsite	0.00528	0.4531	0.0973	.9800e-003	0.0648	0.0198
			BC - Onsite	0.1457	1.3232	1.4809	0.00286	0.0551	0.052
			BC - OffSite	0.0741	0.2393	0.8037	0.00308	0.3055	0.0835
			Paving - Onsite	0.036	0.3209	0.4961	0.00082	0.0148	0.014
			Paving - Offsite	0.00194	0.00141	0.0206	0.00006	0.00771	0.00208
			Utilities - Onsite	0.5646	4.793	6.7641	0.0138	0.1997	0.1893
			Utilities - Offsite	0.0101	0.00732	0.107	0.00032	0.04	0.0108
	2026	PA1	BC - Onsite	0.384	3.4884	3.9041	0.00754	0.1452	0.137
			BC - OffSite	0.1844	0.6149	1.9964	0.00788	0.8051	0.2198
	2027	PA1	BC - Onsite	0.384	3.4884	3.9041	0.00754	0.1452	0.137
			BC - OffSite	0.1744	0.6008	1.8924	0.00768	0.8049	0.2196
	2028	PA1	BC - Onsite	0.3825	3.475	3.8891	0.00751	0.1446	0.1365
			BC - OffSite	0.1647	0.5865	1.7996	0.00747	0.8015	0.2185
			AC - Onsite Offgas	0.4868				0	0
			AC - Onsite - Equipmer	0.1208	0.7962	0.9758	0.00181	0.0338	0.0338
			AC - Offsite	0.0215	0.0142	0.2294	0.00076	0.1017	0.0273

One San Pedro Specific Plan
Unmitigated Construction Regional Criteria Pollutant Summary - Scenario B

Emissions by Phase, Planning Area, and Year

Scenario B

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
			lbs/day					
2029	PA1	BC - Onsite	0.384	3.4884	3.9041	0.00754	0.1452	0.137
		BC - OffSite	0.1564	0.5776	1.7302	0.00733	0.8044	0.2191
		AC - Onsite Offgas	0.6942				0	0
		AC - Onsite - Equipmer	0.1723	1.1356	1.3916	0.00258	0.0482	0.0482
		AC - Offsite	0.0289	0.0187	0.3122	0.00106	0.1451	0.0389
2030	PA1	BC - Onsite	0.3692	1.9589	3.7871	0.00844	0.0487	0.0487
		BC - OffSite	0.1435	0.5504	1.6135	0.00696	0.7795	0.2122
		AC - Onsite Offgas	0.6756				0	0
		AC - Onsite - Equipmer	0.1468	0.9546	1.3478	0.00251	0.0307	0.0307
		AC - Offsite	0.0265	0.0169	0.2911	0.00101	0.1411	0.0379
2031	PA2	Demolition - Onsite	0.2473	1.272	3.4146	0.00669	0.1049	0.0419
		Demolition - Offsite	0.00117	0.1013	0.025	.1000e-004	0.0154	0.00469
		Site Prep - Onsite	0.0214	0.1338	0.1957	0.00031	0.0069	0.0069
		Site Prep - Offsite	0.00074	0.00047	0.00845	0.00003	0.00418	0.00112
		Grading - Onsite	0.4295	2.49	5.4842	0.01	0.1379	0.066
		Grading - Offsite	0.0142	1.2248	0.3018	.0000e-003	0.1864	0.0567
		Utilities - Onsite	0.313	1.7212	3.8055	0.00794	0.0485	0.0485
		Utilities - Offsite	0.00417	0.00262	0.0473	0.00016	0.0234	0.00628
2032	PA2	BC - Onsite	0.3918	2.0456	3.932	0.00902	0.0512	0.0512
		BC - OffSite	0.1305	0.5188	1.5509	0.00672	0.7873	0.214
		Utilities - Onsite	0.022	0.1212	0.268	0.00056	0.00341	0.00341
		Utilities - Offsite	0.00028	0.00017	0.00322	0.00001	0.00165	0.00044
		Paving - Onsite	0.0421	0.2553	0.5213	0.00093	0.00929	0.00929
		Paving - Offsite	0.00129	0.00081	0.015	0.00005	0.0077	0.00206
2033	PA2	BC - Onsite	0.3964	2.0695	3.9779	0.00913	0.0518	0.0518
		BC - OffSite	0.1256	0.5187	1.5268	0.00669	0.7963	0.2163

One San Pedro Specific Plan
Unmitigated Construction Regional Criteria Pollutant Summary - Scenario B

Scenario B

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
2034 PA2	BC - Onsite	0.3964	2.0695	3.9779	0.00913	0.0518	0.0518
	BC - OffSite	0.1199	0.5131	1.4882	0.00661	0.7962	0.2161
	AC - Onsite Offgas	1.1786				0	0
	AC - Onsite - Equipmer	0.1224	0.7965	1.1969	0.00218	0.0247	0.0247
	AC - Offsite	0.0155	0.00963	0.188	0.00068	0.1022	0.0273
2034 PA3	Demolition - Onsite	0.1809	0.9235	2.4944	0.00492	0.1144	0.0366
	Demolition - Offsite	0.00142	0.1218	0.0316	.8000e-004	0.019	).00577003
	Site Prep - Onsite	0.0163	0.1021	0.1493	0.00024	0.00527	0.00527
	Site Prep - Offsite	0.00048	0.0003	0.00574	0.00002	0.00319	0.00085
	Grading - Onsite	0.3199	1.853	4.0738	0.00746	0.1046	0.0497
	Grading - Offsite	0.0139	1.193	0.3092	.7300e-003	0.1862	0.0565
	Utilities - Onsite	0.2702	1.495	3.2552	0.00675	0.0419	0.0419
	Utilities - Offsite	0.00287	0.00179	0.0345	0.00013	0.0191	0.00512
	BC - Onsite	0.0233	0.1238	0.2394	0.00053	0.00308	0.00308
	BC - OffSite	0.00768	0.0462	0.0952	0.00047	0.0515	0.0141
	Paving - Onsite	0.0337	0.2042	0.4171	0.00075	0.00743	0.00743
	Paving - Offsite	0.00092	0.00058	0.0111	0.00004	0.00616	0.00165
2035 PA2	BC - Onsite	0.1427	0.6849	1.5427	0.00355	0.0131	0.0131
	BC - OffSite	0.0446	0.1976	0.5656	0.00254	0.3092	0.0839
	AC - Onsite Offgas	1.6334				0	0
	AC - Onsite - Equipmer	0.1607	1.0361	1.6564	0.00303	0.027	0.027
	AC - Offsite	0.0204	0.0128	0.2542	0.00093	0.1415	0.0379
PA3	BC - Onsite	0.353	1.7343	3.8984	0.0087	0.0325	0.0325
	BC - OffSite	0.1201	0.7475	1.5194	0.00749	0.8397	0.2293
	Paving - Onsite	0.00724	0.0403	0.1041	0.00019	0.00111	0.00111
	Paving - Offsite	0.00022	0.00014	0.0027	0.00001	0.00154	0.00041

One San Pedro Specific Plan
Unmitigated Construction Regional Criteria Pollutant Summary - Scenario B

Scenario B

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
2036 PA3	BC - Onsite	0.3544	1.7409	3.9134	0.00873	0.0327	0.0327
	BC - OffSite	0.1206	0.7504	1.5252	0.00752	0.8429	0.2302
	AC - Onsite Offgas	0.4201				0	0
	AC - Onsite - Equipmer	0.053	0.3413	0.5456	0.001	0.0089	0.0089
	AC - Offsite	0.00666	0.00419	0.0818	0.00031	0.0466	0.0125
2037 PA3	BC - Onsite	0.1799	0.8837	1.9866	0.00443	0.0166	0.0166
	BC - OffSite	0.0612	0.3809	0.7743	0.00381	0.4279	0.1168
	AC - Onsite Offgas	1.2602				0	0
	AC - Onsite - Equipmer	0.1589	1.024	1.6369	0.00299	0.0267	0.0267
	AC - Offsite	0.02	0.0126	0.2455	0.00092	0.1399	0.0374

One San Pedro Specific Plan
Report Tables - NEPA - Unmitigated Construction

Maximum Annual Emissions by Phase

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Harbor	2.31E-01	8.31E-01	1.02E+00	0.00E+00	6.08E-02	3.41E-02	9.49E-02	1.62E-02	3.24E-02	4.86E-02
Phase 1	5.60E-01	2.58E+00	3.29E+00	0.00E+00	1.87E-01	1.07E-01	2.95E-01	5.01E-02	1.02E-01	1.52E-01
Phase 2	6.86E-01	2.66E+00	3.34E+00	0.00E+00	1.77E-01	1.11E-01	2.88E-01	4.72E-02	1.06E-01	1.53E-01
Phase 3	5.00E-01	2.07E+00	2.72E+00	0.00E+00	1.74E-01	8.57E-02	2.59E-01	4.51E-02	8.10E-02	1.26E-01

Harbor - Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
2023	0.0912	0.8242	0.9475	2.1300e-003	0.0552	0.0341	0.0893	0.014	0.032	0.046
2024	0.2314	0.8311	1.0224	2.1900e-003	0.0608	0.0341	0.0949	0.0162	0.0324	0.0486
2025	0.0351	0.0449	0.0589	1.1000e-004	1.5700e-003	1.9000e-003	3.4700e-003	4.2000e-004	1.9000e-003	2.3200e-003
Max	**2.31E-01**	**8.31E-01**	**1.02E+00**	**0.00E+00**	**6.08E-02**	**3.41E-02**	**9.49E-02**	**1.62E-02**	**3.24E-02**	**4.86E-02**

Max year 2024

Phase 1 - Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
2024										
2024 Revised	2.68E-01	2.24E+00	2.89E+00	5.9500e-003	1.36E-01	9.81E-02	2.34E-01	3.52E-02	9.24E-02	1.28E-01
2025	0.523	2.5778	3.2893	7.0700e-003	0.1873	0.1072	0.2945	0.0501	0.1018	0.1519
2026	0.5603	1.9594	2.5152	5.2700e-003	0.1259	0.082	0.2079	0.0336	0.0787	0.1124
Max	**5.60E-01**	**2.58E+00**	**3.29E+00**	**0.00E+00**	**1.87E-01**	**1.07E-01**	**2.95E-01**	**5.01E-02**	**1.02E-01**	**1.52E-01**

Phase 2 - Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
2026										
2026 Revised	1.07E-01	8.89E-01	1.27E+00	2.5700e-003	5.34E-02	3.70E-02	9.04E-02	1.32E-02	3.49E-02	4.81E-02
2027	0.6856	2.659	3.3374	7.0900e-003	0.1766	0.1112	0.2878	0.0472	0.1059	0.1531
2028	0.1622	0.4281	0.5431	1.1300e-003	0.0251	0.018	0.0431	6.7000e-003	0.0173	0.024
Max	**6.86E-01**	**2.66E+00**	**3.34E+00**	**0.00E+00**	**1.77E-01**	**1.11E-01**	**2.88E-01**	**4.72E-02**	**1.06E-01**	**1.53E-01**

Phase 3 - Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
2028										
2028 Revised	4.36E-01	2.07E+00	2.72E+00	5.8900e-003	1.74E-01	8.57E-02	2.59E-01	4.51E-02	8.10E-02	1.26E-01
2029	0.5001	0.9108	1.1536	2.4800e-003	0.0693	0.0379	0.1072	0.0185	0.0364	0.0549
Max	**5.00E-01**	**2.07E+00**	**2.72E+00**	**0.00E+00**	**1.74E-01**	**8.57E-02**	**2.59E-01**	**4.51E-02**	**8.10E-02**	**1.26E-01**

One San Pedro Specific Plan
Report Tables - NEPA - Unmitigated Construction

Maximum Annual Emissions by Phase

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Harbor	2.31E-01	8.31E-01	1.02E+00	0.00E+00	6.08E-02	3.41E-02	9.49E-02	1.62E-02	3.24E-02	4.86E-02
Phase 1	1.69E+00	7.65E+00	9.82E+00	1.44E-02	7.20E-01	3.27E-01	9.53E-01	1.93E-01	3.10E-01	4.15E-01
Phase 2	1.33E+00	5.79E+00	7.48E+00	1.67E-02	5.06E-01	2.37E-01	7.43E-01	1.35E-01	2.26E-01	3.60E-01
Phase 3	1.58E+00	5.37E+00	8.04E+00	1.38E-02	6.83E-01	1.69E-01	8.52E-01	1.76E-01	1.62E-01	3.38E-01
Harbor + Phase 1 -2024	1.10E+00	8.48E+00	1.08E+01	0.00E+00	0.0608	0.0341	7.66E-01	0.0162	0.0324	4.39E-01
Harbor + Phase 1 - 2025	0.8024	5.1871	6.9555	0.0102	0.6557	0.2029	0.8586	0.1758	0.192	0.3677
Phase 1 + Phase 2 - 2027	1.33E+00	6.27E+00	8.33E+00	0.00754	0.3866	0.0786	8.65E-01	0.1035	0.0754	3.90E-01
Phase 2 + 3 -2029 A	2.04E+00	7.41E+00	1.07E+01	1.99E-02	0.2131	0.0829	1.15E+00	0.05705	0.0795	0.1366

Harbor - Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
2023	0.0912	0.8242	0.9475	2.1300e-003	0.0552	0.0341	0.0893	0.014	0.032	0.046
2024	0.2314	0.8311	1.0224	2.1900e-003	0.0608	0.0341	0.0949	0.0162	0.0324	0.0486
2025	0.0351	0.0449	0.0589	1.1000e-004	1.5700e-003	1.9000e-003	3.4700e-003	4.2000e-004	1.9000e-003	2.3200e-003
Max	**2.31E-01**	**8.31E-01**	**1.02E+00**	**0.00E+00**	**6.08E-02**	**3.41E-02**	**9.49E-02**	**1.62E-02**	**3.24E-02**	**4.86E-02**

Phase 1 - Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
2024 - Rehab										

Revised 2024	2.86E-01	2.50E+00	2.97E+00	5.9000e-003	8.37E-02	1.11E-01	1.94E-01	2.18E-02	1.04E-01	1.26E-01
2025 - Rehab	0.4064	2.6019	3.1383	6.3200e-003	0.0882	0.1102	0.1984	0.0236	0.1049	0.1284
2026 - Rehab	0.4642	2.5262	3.082	6.1200e-003	0.0773	0.1072	0.1846	0.0207	0.1029	0.1236
2024-Rebuild										
Revised 2024	5.82E-01	5.16E+00	6.84E+00	1.44E-02	2.60E-01	2.17E-01	4.77E-01	5.89E-02	2.06E-01	2.64E-01
2025 - Rebuild	0.3609	2.5403	3.7583	0.0102	0.5675	0.0927	0.6602	0.1522	0.0871	0.2393
2026 -Rebuild	1.2276	3.295	4.8273	0.0124	0.6431	0.1251	0.7682	0.1723	0.1195	0.2918
2027 - Rebuild	0.8742	2.0478	2.9657	7.54E-03	0.3866	0.0786	0.4652	0.1035	0.0754	0.1789
Max	**1.69E+00**	**7.65E+00**	**9.82E+00**	**1.44E-02**	**7.20E-01**	**3.27E-01**	**9.53E-01**	**1.93E-01**	**3.10E-01**	**4.15E-01**

Phase 2 - Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
2027 - Rehab										
2027 - Revised	2.79E-01	2.36E+00	3.12E+00	6.3400e-003	1.19E-01	9.90E-02	2.18E-01	3.09E-02	9.32E-02	1.24E-01
2028 - Rehab	0.6391	2.9099	3.5855	7.36E-03	0.1392	0.1227	0.2618	0.0372	0.1173	0.1545
2029 - Rehab	0.1527	0.6332	0.7826	1.59E-03	0.029	0.0267	0.0557	7.75E-03	0.0257	0.0334
2027 - Rebuild										
Revised 2027	1.72E-01	1.86E+00	2.25E+00	6.0100e-003	1.22E-01	6.03E-02	1.82E-01	2.94E-02	5.74E-02	8.68E-02
2028 - Rebuild	0.6871	2.8768	3.8919	9.29E-03	0.3664	0.1144	0.4808	0.0977	0.1082	0.2059
2029 - Rebuild	0.7305	1.4065	1.8893	4.46E-03	0.1841	0.0562	0.2403	0.0493	0.0538	0.1032
Max	**1.33E+00**	**5.79E+00**	**7.48E+00**	**1.67E-02**	**5.06E-01**	**2.37E-01**	**7.43E-01**	**1.35E-01**	**2.26E-01**	**3.60E-01**

Phase 3 - Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
2030 - Rehab										
Revised - Rehab	3.12E-01	1.43E+00	3.07E+00	7.0300e-003	1.19E-01	3.39E-02	1.52E-01	3.09E-02	3.38E-02	6.47E-02
2031 - Rehab	0.5431	1.408	2.5894	5.75E-03	0.0937	0.0373	0.131	0.025	0.0373	0.0623
2029 - Rebuild										
Revised Rebuild	8.50E-01	3.95E+00	4.97E+00	1.38E-02	5.64E-01	1.35E-01	6.99E-01	1.46E-01	1.28E-01	2.74E-01
2030 - Rebuild	1.0342	0.8413	1.6754	4.51E-03	0.2235	0.02	0.2435	0.0598	0.0199	0.0798
Max	**1.58E+00**	**5.37E+00**	**8.04E+00**	**1.38E-02**	**6.83E-01**	**1.69E-01**	**8.52E-01**	**1.76E-01**	**1.62E-01**	**3.38E-01**

One San Pedro Specific Plan
Report Tables - NEPA - Mitigated Construction

Proposed Project

Overall Construction Emissions[1]

	ROG[2]	NO_X	CO		PM_{10}	$PM_{2.5}$
Scenario A						
Harbor	<1	<1	1	<1	<1	<1
Phase 1	1	2	13	<1	1	<1
Phase 2	2	3	12	<1	1	<1
Phase 3	2	2	10	<1	1	<1
Harbor + Phase 1	<1	2	13	<1	1	<1
Phase 2 + Phase 3	2	4	17	<1	1	<1
Scenario B						
Harbor	<1	<1	1	<1	<1	<1
Phase 1	1	2	13	<1	1	<1
Phase 2	2	3	12	<1	1	<1
Phase 3	1	2	10	<1	1	<1
Harbor + Phase 1	<1	2	13	<1	1	<1
Phase 2 + Phase 3	2	4	17	<1	1	<1
Max Annual - Scenario A	2	4	17	0	1	<1
Max Annual - Scenario B	2	4	17	<1	1	<1
De Minimis Levels[3]	*10*	*10*	*100*		*100*	*70*
Exceed De Minimis Levels?	**No**	**No**	**No**		**No**	**No**

1 Grading phases incorporate anticipated emissions reductions from compliance with SCAQMD Rule 403 to reduce fugitive dust.

2 In accordance with the CalEEMod User's Guide, the term, Reactive Organic Gas (ROG) is used for the purposes of comparing ROG values to VOC significance thresholds. The User's Guide specifies that both terms refer to precursors to ozone and may be used interchangeably and the CalEEMod reports figures under the header ROG.

3 De Minimis levels correspond to the level of nonattainment and maintenance and are provided by USEPA at https://www.epa.gov/general-conformity/de-minimis-tables.

Source: CalEEMod v.2022

Proposed Project Alternative Annual Construction and Operational Overlap Criteria Pollutant Emissions (tons per year)

Plan Area[1]	VOC	NOx	CO	SO_2	PM_{10}	$PM_{2.5}$
Scenario A (tons/year)						
Construction of OSP Specific Plan Site Phases 2 and 3; Operation of 327 Harbor Site and OSP Specifi						
Construction of OSP Specific Plan Site Phase	2	4	17	<1	1	<1
Operation of 327 Harbor Site and OSP Speci	3	1	16	<1	3	1
Total	**5**	**5**	**33**	**<1**	**5**	**1**
Construction of OSP Specific Plan Site Phase 3; Operation of 327 Harbor Site and OSP Specific Plan						
Construction of OSP Specific Plan Site Phase	2	2	10	<1	1	<1
Operation of 327 Harbor Site and OSP Speci	8	3	38	<1	8	2
Total	**10**	**6**	**48**	**<1**	**9**	**2**
Scenario B (tons/year)						
Construction of OSP Specific Plan Site Phases 2 and 3; Operation of 327 Harbor Site and OSP Specifi						
Construction of OSP Specific Plan Site Phase	2	4	17	<1	1	<1
Operation of 327 Harbor Site and OSP Speci	4	2	19	<1	4	1
Total	**6**	**5**	**36**	**<1**	**5**	**1**
Construction of OSP Specific Plan Site Phase 3; Operation of 327 Harbor Site and OSP Specific Plan						
Construction of OSP Specific Plan Site Phase	1	2	10	<1	1	<1
Operation of 327 Harbor Site and OSP Speci	10	4	44	<1	10	3
Total	**11**	**6**	**54**	**<1**	**11**	**3**
Max Scenario A	10	6	48	<1	9	2
Max Scenario B	11	6	54	<1	11	3
Existing	*3*	*2*	*17*	<1	*3*	*1*
Net Scenario A	**7**	**4**	**31**	**<1**	**7**	**2**
Net Scenario B	**8**	**4**	**37**	**<1**	**8**	**2**
De Minimis Levels	10	10	70	100		
Exceed Threshold?	**No**	**Yes**	**No**	**No**		

NOX = nitrogen oxides; VOC = volatile organic compounds; PM_{10} = particulate matter with a diameter of 10 microns or less: $PM_{2.5}$ = particulate matter with a diameter of 2.5 microns or less: SO_2 = sulfur dioxide: CO = Note: Totals may be rounded based on the totals presented in the CalEEMod outputs.

[1]. Note that the 327 Harbor Site is referred to as "327 Harbor" in the CalEEMod outputs.

Source: See Appendix AQ

Historic Preservation Alternative

Overall Construction Emissions[1]

	ROG[2]	NO_X	CO		PM_{10}	$PM_{2.5}$
Harbor	<1	<1	1	<1	<1	<1

One San Pedro Specific Plan
Report Tables - NEPA - Mitigated Construction

Phase 1	<1	1	3	<1	<1	<1
Phase 2	<1	1	3	<1	<1	<1
Phase 3	<1	1	3	<1	<1	<1
Max Annual	<1	1	3	0	<1	<1
De Minimis Levels[3]	*10*	*10*	*100*		*100*	*70*
Exceed De Minimis Levels?	**No**	**No**	**No**		**No**	**No**

1 Grading phases incorporate anticipated emissions reductions from compliance with SCAQMD Rule 403 to reduce fugitive dust.

2 In accordance with the CalEEMod User's Guide, the term, Reactive Organic Gas (ROG) is used for the purposes of comparing ROG values to VOC significance thresholds. The User's Guide specifies that both terms refer to precursors to ozone and may be used interchangeably and the CalEEMod reports figures under the header ROG.

3 De Minimis levels correspond to the level of nonattainment and maintenance and are provided by USEPA at https://www.epa.gov/general-conformity/de-minimis-tables.

Source: CalEEMod v.2022

Partial Preservation Alternative

Overall Construction Emissions[1]

	ROG[2]	NO_X	CO		PM_{10}	$PM_{2.5}$
Harbor	<1	<1	1	<1	<1	<1
Phase 1	1	2	11	<1	1	<1
Phase 2	1	2	8	<1	1	<1
Phase 3	1	3	9	<1	1	<1
Harbor + Phase 1	<1	2	12	<1	1	<1
Phase 1 + Phase 2	1	2	9	<1	1	<1
Phase 2 + Phase 3	1	3	11	<1	1	<1
Max Annual	1	3	12	<1	1	<1
De Minimis Levels[3]	*10*	*10*	*100*		*100*	*70*
Exceed De Minimis Levels?	**No**	**No**	**No**		**No**	**No**

1 Grading phases incorporate anticipated emissions reductions from compliance with SCAQMD Rule 403 to reduce fugitive dust.

2 In accordance with the CalEEMod User's Guide, the term, Reactive Organic Gas (ROG) is used for the purposes of comparing ROG values to VOC significance thresholds. The User's Guide specifies that both terms refer to precursors to ozone and may be used interchangeably and the CalEEMod reports figures under the header ROG.

3 De Minimis levels correspond to the level of nonattainment and maintenance and are provided by USEPA at https://www.epa.gov/general-conformity/de-minimis-tables.

Source: CalEEMod v.2022

One San Pedro Specific Plan
Report Tables - NEPA - Mitigated Construction

Partial Preservation Alternative Annual Construction and Operational Overlap Criteria Pollutant Emissions (tons per year)

Plan Area[1]	VOC	NOx	CO	SO_2	PM_{10}	$PM_{2.5}$
Construction of OSP Specific Plan Site Phases 2 and 3; Operation of 327 Harbor Site and OSP Specifi						
Construction of OSP Specific Plan Site Phase	1	3	11	<1	1	<1
Operation of 327 Harbor Site and OSP Speci	3	2	21	<1	4	1
Total	**5**	**5**	**32**	**<1**	**5**	**1**
Construction of OSP Specific Plan Site Phase 3; Operation of 327 Harbor Site and OSP Specific Plan						
Construction of OSP Specific Plan Site Phase	1	3	9	<1	1	<1
Operation of 327 Harbor Site and OSP Speci	6	3	35	<1	7	2
Total	**7**	**6**	**43**	**<1**	**8**	**2**
Max Emissions	7	6	43	<1	8	2
Existing	*3*	*2*	*17*	*<1*	*3*	*1*
Net Emissions	**4**	**4**	**26**	**<1**	**5**	**1**
De Minimis Levels	10	10	70	100		
Exceed Threshold?	**No**	**No**	**No**	**No**		

NOX = nitrogen oxides; VOC = volatile organic compounds; PM_{10} = particulate matter with a diameter of 10 microns or less; $PM_{2.5}$ = particulate matter with a diameter of 2.5 microns or less; SO_2 = sulfur dioxide; CO = Note: Totals may be rounded based on the totals presented in the CalEEMod outputs.

[1]. Note that the 327 Harbor Site is referred to as "327 Harbor" in the CalEEMod outputs.

Source: See Appendix AQ

One San Pedro Specific Plan
Report Tables - NEPA - Mitigated Operational

Proposed Project

Overall Operational Emissions

	ROG[1]	NO_X	CO	PM_{10}	$PM_{2.5}$
Scenario A					
Harbor	0.4	0.1	1.3	0.2	0.1
Phase 1	3.1	1.2	14.4	3.1	0.8
Phase 2	4.8	1.8	22.2	5.1	1.4
Phase 3	4.5	1.6	20.0	4.4	1.2
Total Operational - Scenario A	13.0	4.8	62.8	12.8	3.5
Scenario B					
Harbor	0.4	0.1	1.3	0.2	0.1
Phase 1	3.7	1.5	17.2	3.7	1.0
Phase 2	5.5	2.1	25.6	5.9	1.6
Phase 3	3.2	1.1	13.8	3.0	0.8
Total Operational - Scenario B	13.0	4.8	62.9	12.8	3.5
Max Operational	13.0	4.8	62.9	12.8	3.5
Existing	3.2	1.7	17.3	2.6	0.7
Net Operational	9.8	3.1	45.6	10.2	2.8
De Minimis Levels[2]	*10*	*10*	*100*	*100*	*70*
Exceed De Minimis Levels?	**No**	**No**	**No**	**No**	**No**

1 In accordance with the CalEEMod User's Guide, the term, Reactive Organic Gas (ROG) is used for the purposes of comparing ROG values to VOC significance thresholds. The User's Guide specifies that both terms refer to precursors to ozone and may be used interchangeably and the CalEEMod reports figures under the header ROG.

2 De Minimis levels correspond to the level of nonattainment and maintenance and are provided by USEPA at https://www.epa.gov/general-conformity/de-minimis-tables.

Source: CalEEMod v.2022

Historic Preservation Alternative

Overall Operational Emissions

	ROG[1]	NO_X	CO	PM_{10}	$PM_{2.5}$
Harbor	<1	<1	1	<1	<1

One San Pedro Specific Plan
Report Tables - NEPA - Mitigated Operational

Preserved Site	3	2	17	3	1
Total Operational - Scenario A	3	2	19	3	1
De Minimis Levels[2]	*10*	*10*	*100*	*100*	*70*
Exceed De Minimis Levels?	**No**	**No**	**No**	**No**	**No**

1 In accordance with the CalEEMod User's Guide, the term, Reactive Organic Gas (ROG) is used for the purposes of comparing ROG values to VOC significance thresholds. The User's Guide specifies that both terms refer to precursors to ozone and may be used interchangeably and the CalEEMod reports figures under the header ROG.

2 De Minimis levels correspond to the level of nonattainment and maintenance and are provided by USEPA at https://www.epa.gov/general-conformity/de-minimis-tables.

Source: CalEEMod v.2022

Partial Preservation Alternative

Overall Operational Emissions

	ROG[1]	NO_X	CO	PM_{10}	$PM_{2.5}$
Harbor	<1	<1	1	<1	<1
Phase 1	3	2	20	4	1
Phase 2	3	1	14	3	1
Phase 3	3	2	19	4	1
Total Operational	10	4	54	11	3
Existing	3	2	17	3	1
Net Emissions	6	3	36	8	3
De Minimis Levels[2]	*10*	*10*	*100*	*100*	*70*
Exceed De Minimis Levels?	**No**	**No**	**No**	**No**	**No**

1 In accordance with the CalEEMod User's Guide, the term, Reactive Organic Gas (ROG) is used for the purposes of comparing ROG values to VOC significance thresholds. The User's Guide specifies that both terms refer to precursors to ozone and may be used interchangeably and the CalEEMod reports figures under the header ROG.

2 De Minimis levels correspond to the level of nonattainment and maintenance and are provided by USEPA at https://www.epa.gov/general-conformity/de-minimis-tables.

Source: CalEEMod v.2022

One San Pedro Specific Plan
Report Tables - NEPA - Mitigated Operational

One San Pedro Specific Plan
General Assumptions - Alternatives

Project Characteristics

Project Location	Los Angeles
	SCAQMD
Climate Zone	11
Urbanization	Urban
Operational Year (Buildout)	2038
Construction Year	2024
Utility Company	Southern California Edison

Project Land Use	# Units	sqft	Ksf	acres	CalEEMod Use
Existing					
327 Harbor	Vacant			0.56	parking non-asphalt
Phase 1	156			7.31	Mid-Rise Apartments
Phase 2	144			5.92	Mid-Rise Apartments
Phase 3	178			7.14	Mid-Rise Apartments
	478			20.93	

To simplify the modeling, we are aiming to keep the number of land uses to a minimum. This also provides more flexibility to the project since the proposed uses are not tied to a specific land use. For example, we propose to model the commercial/retail under the "Strip Mall" land uses since this development can include retail, resturants, and offices. For the administraton/services/amenities, it would be more straightforward to model the squre footage as "General Office" since the proposed community uses would be more office spaces. The last row called Open Space Amenities would be for the proposed park and recreational areas. The unit can be square feet or acres.

One San Pedro Specific Plan
General Assumptions - Alternatives

Alternative 2 Land Use	**# Units**	**sqft**	**Ksf**	**acres**	(Historic Rehabilitation)
Additional Site - 327 Harbor				0.56	
Residential	47				
Mid-Rise Apartments	47				Mid-Rise Apartment
Townhomes					Townhouse
Existing	478				
Phase 1	156			7.31	Mid-Rise Apartments
Phase 2	144			5.92	Mid-Rise Apartments
Phase 3	178			7.14	Mid-Rise Apartments

Alternative 3 Land Use	**# Units**	**sqft**	**Ksf**	**acres**	(Partial Preservation)
Additional Site - 327 Harbor				0.56	
Residential	47				
Mid-Rise Apartments	47				Mid-Rise Apartment
Townhomes					Townhouse
OSP Site					
Rehabilitated	284				Mid-Rise Apartment
Demolished	194				Mid-Rise Apartment
New	923				Mid-Rise Apartment
Non-Residential		106,000			
Commercial/Retail		45,000	45		Strip Mall
Neighborhood Serving		61,000	61		General Office
Parking Garage	1,460				Enclosed Parking Garage w/elevator
Existing	120				
New	1,340	670,362			Enclosed Parking Garage w/elevator

Site area	Rehab	Rebuild	Commercial	Neighborhood	Parking	Apartments
Phase 1	3.7	3.7	17	23	511	352
Phase 2	3.6	2.4	11	15	331	228
Phase 3	3.6	3.6	17	23	499	343

One San Pedro Specific Plan
Construction Assumptions - Alternative 2 Historic Rehabilitation

CalEEMod Defaults are assumed for modeling purposes unless specifically discussed in the Construction Assumptions below.

Project Schedule:

Construction Monday thru Friday 7:00 am to 3:30 pm Occassionaly Saturday or later day work

Phase Name	Start Date	End Date	Days/Week	Total Days
327 Harbor	**3/1/2023**	**3/1/2025**	**5**	
	Consturction would be the same with this alternative as was modeled with the Proposed Project, 327 Harbor site not remodeled.			
Phase 1	**1/1/2024**	**12/21/2030**		
Demolition	3/1/2024	5/8/24	5	49
Building Construction	5/9/2024	8/10/26	5	588
Architectural Coating - Phase 2	8/1/2025	8/26/2026	5	279
				916
Phase 2	**9/1/2026**	**1/1/1900**		
Demolition	9/1/2026	10/13/26	5	31
Building Construction	10/14/2026	2/16/28	5	351
Architectural Coating	6/28/2027	2/28/2028	5	176
				558
Phase 3	**3/1/2028**	**12/21/2037**		
Demolition	3/1/2028	3/31/28	5	23
Building Construction	4/1/2028	4/12/29	5	269
Architectural Coating	11/1/2028	5/7/2029	5	134
				426

Trips and VMT Use CalEEMod Defaults for everything other than soil haul trucks

PhaseName	Worker Trips	Vendor Trips	One-way Trips
Grading (Phase 1)	Default	Default	0
Grading (Phase 2)	Default	Default	0
Granding (Phase 3)	Default	Default	0
Total			0

One San Pedro Specific Plan
Construction Assumptions - Alternative 2 Historic Rehabilitation

Offroad Equipment See Historic Preservation Equipment List

Dust from Material Movement No anticipated fugitive emissions as no site preparation or grading will occur.

Demolition Square Footage to be demolished

		# Units	Sqft Demo	sqft/unit	
Total		478	500,303	900	18192.836
	Phase 1	156	21,060		
	Phase 2	144	19,440		
	Phase 3	178	24,030		

Onroad Fugitive Dust Uses CalEEMod Defaults

Architectural Coatings Uses CalEEMod Defaults

	Res Interior	Res Exterior	NonRes Interior	Non Res Ext	Paving
Phase 1	315,900	105,300	0	0	0
Phase 2	291,600	97,200	0	0	0
Phase 3	360,450	120,150	0	0	0

One San Pedro Specific Plan
Construction Data Needs - Partial Preservation

CalEEMod Defaults are assumed for modeling purposes unless specifically discussed in the Construction Assumptions below.

Project Schedule:

Construction	Monday thru Friday	7:00 am to 3:30 pm	Occassionaly Saturday or later day work

Phase Name	Start Date	End Date	Days/Week	Total Days
327 Harbor	**3/1/2023**	**3/1/2025**	**5**	
	Consturction would be the same with this alternative as was modeled with the Proposed Project, 327 Harbor site not remodeled.			
Phase 1 (Rehabilitation)			**5**	
Demolition	1/1/2024	2/19/24	5	36
Building Construction	2/20/2024	10/22/26	5	698
Architectural Coating	9/1/2025	10/30/2026	5	349
Phase 1 (Full Rebuild)			**5**	
Demolition	1/1/2024	4/26/24	5	85
Site Prep	4/27/2024	6/7/24	5	30
Grading	6/8/2024	9/2/24	5	61
Utilities Trenching	9/3/2024	11/26/24	5	61
Building Construction	11/27/2024	7/30/27	5	698
Paving	11/27/2024	12/10/24	5	10
Architectural Coating	4/1/2026	8/2/2027	5	349
Phase 2 (Rehabilitation)			**5**	
Demolition	1/1/2027	3/5/27	5	46
Building Construction	3/6/2027	3/13/29	5	527
Architectural Coating	3/15/2028	3/16/2029	5	263

One San Pedro Specific Plan
Construction Data Needs - Partial Preservation

Phase Name	Start Date	End Date	Days/Week	Total Days
Phase 2 (Full Rebuild)			**5**	
Demolition	9/1/2027	10/13/27	5	31
Site Prep	10/14/2027	11/3/27	5	15
Grading	11/4/2027	12/6/27	5	31
Utilities Trenching	12/17/2027	1/28/28	5	31
Building Construction	1/29/2028	6/4/29	5	351
Paving	1/29/2028	2/9/28	5	8
Architectural Coating	10/2/2028	6/4/2029	5	176
Phase 3 (Rehabilitation)			**5**	
Demolition	1/1/2030	2/18/30	5	35
Building Construction	2/19/2030	9/4/31	5	403
Architectural Coating	12/1/2030	9/9/2031	5	202
Phase 3 (Full Rebuild)			**5**	
Demolition	1/1/2029	1/31/29	5	23
Site Prep	2/1/2029	2/16/29	5	12
Grading	2/17/2029	3/21/29	5	23
Utilities Trenching	3/22/2029	4/23/29	5	23
Building Construction	4/24/2029	5/3/30	5	269
Paving	4/24/2029	5/3/29	5	8
Architectural Coating	11/1/2029	5/7/2030	5	134

Trips and VMT Use CalEEMod Defaults for everything other than soil haul trucks

PhaseName	Worker Trips	Vendor Trips	One-way Trips
Grading (Phase 1)	Default	Default	2,221
Grading (Phase 2)	Default	Default	3,136
Granding (Phase 3)	Default	Default	4,280
Total			9,637

One San Pedro Specific Plan
Construction Data Needs - Partial Preservation

Offroad Equipment See Partial Preservation Equipment List

Soil Import/Export Please provide soil import export for the portions of the site to be redeveloped

	Import (Cys)	Export (CY)
Grading		
Phase 1 - Rehab	0	0
Phase 1 - Rebuild	0	35,540
Phase 2 - Rehab	0	0
Phase 2 - Rebuild	0	50,170
Phase 3 - Rehab	0	0
Phase 3 - Rebuild	0	68,486

Demolition **Square Footage to be demolished**

	# Units	Sqft Demo	sqft/unit		
Total	478	500,303	900		
Phase 1 (Rehab)	72	9,720		284	preserved
Phase 1 (Rebuild)	84	75,600			
Phase 2 (Rehab)	108	14,580			
Phase 2 (Rebuild)	36	32,400			
Phase 3 (Rehab)	104	14,040			
Phase 3 (Rebuild)	74	66,600			

Onroad Fugitive Dust Uses CalEEMod Defaults

Architectural Coatings Uses CalEEMod Defaults

	Res Interior	Res Exterior	NonRes Interior	Non Res Ext	Paving	
Phase 1 - Rehab	145,800	48,600	0	0	0	
Phase 1 - Rebuild	170,100	65,700	67,500	22,500	40,222	Neighborhood/parking
Phase 2 - Rehab	218,700	72,900	0	0	0	
Phase 2 - Rebuild	72,900	24,300	91,500	30,500	0	comm
Phase 3 - Rehab	210,600	70,200	0	0	0	
Phase 3 - Rebuils	149,850	49,950	0	0	0	

One San Pedro Specific Plan
Operational Assumptions

Historic Rehabilitation

The Historic Rehabilitation Alternative is assumed to be the same as existing and is not remodeled.

Partial Preservation Alternative

CalEEMod Defaults are assumed for modeling purposes unless specifically discussed in the Operational Assumptions below.

Vehicle Trips:

Source: City of Los Angeles VMT Calculator Version 1.3 Output - dated 1/11 (MXD without TDM Mitigation)

	Daily Trips	Daily VMT	
Residential	6,257	53,193	
Per unit	3.91	33.25	
Non-Residential	3,742	39,183	**10.471138**
Per Ksf	28.78	301.41	

				Anticipated Use		Actual Use	
	# Units	Daily Trips	Daily VMT	trips/unit	VMT/use	trips/unit	VMT/use
Phase 1 (Rehab)	72	282	2,394	3.910625	8.50135848	3.92	8.51
Phase 1 (Rebuild)	352	1,377	11,702	3.910625	8.50135848	3.92	8.51
	40	1,426	14,929	35.3018868	10.4711384	35.7	10.485
Total Phase 1		1,658	14,096				
Phase 2 (Rehab)	108	422	3,591	3.910625	8.50135848	3.92	8.51
Phase 2 (Rebuild)	228	891	7,575	3.910625	8.50135848	3.92	8.51
	26	1,067	9,672	40.7718517	9.06632709	41.1	10.485
Total Phase 2		1,313	11,165				
Phase 3 (Rehab)	104	407	3,458	3.910625	8.50135848	3.92	8.51
Phase 3 (Rebuild)	343	1,343	11,420	3.910625	8.50135848	3.92	8.52
	39	1,226	14,582	31.0905205	11.8895064	30.7	10.485
Total Phase 3		1,750	14,877				

One San Pedro Specific Plan
Operational Assumptions

Area Sources

Hearths:

Existing Assumes no Fireplaces

Proposed All new residential units are all electric. Therefore, no natural gas, propane or wood burning hearts used.

Energy Use

	Rehab	Proposed
Title 24 Compilanc	2008	2019

	T24 Electricity	NT24 Electricity	Lighting Electricity	T24 Natural Gas	NT24 Natural Gas
	KWh/DU			kBtu/DU	
Rehab	231.59	2553.86	741.44	5546	1662
Project	35.05	3054.1	741.44	4180	4831

Source: CalEEMod Appendix D, Table 8.1 Energy Use by Climate Zone and Land Use Type

* Residential portions of the building are all electric

Conversion from NG to Electric for Residential

1 Btu = 0.000293071 KWh 1 kBtu = 0.293071083 kWh

	Default NG		Conversion to kWh		Default Electric		Revised Electric	
	T24 NG	NT24 NG	T24 NG	NT24 NG	T24 D Elec	NT24 D Elec	T24 R Elec	NT24 R Elec
	kBtu		kWh		kWh		kWh	
Apt. Mid	4,179.80	4,831.00	1,224.98	1,415.83	35.05	3,054.10	1,260.03	4,469.93
Townhouse	12,162.60	4,831.00	3,564.51	1,415.83	39.19	3,795.01	3,603.70	5,210.84
Parking Garage	0.00	0.00	0.00	0.00	3.50	0.19	3.50	0.19

One San Pedro Specific Plan
50% Build Construction Schedule

Project Schedule:

Construction Monday thru Friday 7:00 am to 3:30 pm

Occassionaly Saturday or later day work

Phase Name	Start Date	End Date	Days/Week	*Project* Total Days	*50%* Total Days	
327 Harbor	**3/1/2023**	**2/16/2024**	**5**			
Demolition			5	0	0	
Site Prep			5	9	9	
Grading			5	9	9	
Utilities Trenching			5	9	9	
Building Construction			5	451	226	
Paving			5	5	5	
Architectural Coating			5	225	113	
				523	253	Total
Phase 1	**1/1/2024**	**4/19/2028**	**5**			
Demolition			5	121	121	
Site Prep			5	61	61	
Grading			5	121	121	
Utilities Trenching			5	121	121	
Building Construction			5	1395	698	
Paving			5	20	20	
Architectural Coating			5	698	349	
				1820	1123	Total
Phase 2	**1/1/2029**	**9/16/2031**	**5**			
Demolition			5	76	76	
Site Prep			5	38	38	
Grading			5	76	76	
Utilities Trenching			5	76	76	
Building Construction			5	878	440	
Paving			5	20	20	
Architectural Coating			5	439	220	
				1298	707	Total
Phase 3	**3/1/2030**	**3/29/2032**	**5**			
Demolition			5	58	58	
Site Prep			5	29	29	
Grading			5	58	58	
Utilities Trenching			5	58	58	
Building Construction			5	672	337	
Paving			5	20	20	
Architectural Coating			5	336	169	
				994	542	Total

One San Pedro Specific Plan
Mitigated Annual Operaitonal Emissions Summary - Proposed Project Scenario A

Total Annual Operational Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	8.15	0.19	16.47	0.00	0.00	0.09	0.09	0.00	0.09	0.09
Energy	0.01	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	4.85	4.55	46.32	0.09	12.68	0.05	12.73	3.38	0.05	3.43
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**13.00**	**4.78**	**62.83**	**0.10**	**12.68**	**0.15**	**12.82**	**3.38**	**0.14**	**3.53**
Existing	3.21	1.71	17.31	0.03	2.58	0.06	2.64	0.69	0.06	0.75
NET	9.79	3.07	45.52	0.07	10.10	0.09	10.19	2.70	0.08	2.78

Harbor - Operation

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	0.2745	5.58E-03	0.4842	3.00E-05		2.69E-03	2.69E-03		2.69E-03	2.69E-03
Energy	0	0	0	0		0	0		0	0
Mobile	0.1141	0.1109	1.0062	1.99E-03	0.2145	1.52E-03	0.2161	0.0572	1.42E-03	0.0587
Waste						0	0		0	0
Water						0	0		0	0
Landscape Reduction	0.00435	0.001674	0.14526	0.000009	0	0.000807	0.000807	0	0.000807	0.000807
Total	**3.84E-01**	**1.15E-01**	**1.35E+00**	**2.01E-03**	**2.15E-01**	**3.40E-03**	**2.18E-01**	**5.72E-02**	**3.30E-03**	**6.06E-02**

PA1 - Operation

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	1.9047	0.0445	3.8649	2.00E-04		0.0215	0.0215		0.0215	0.0215
Energy	1.78E-03	0.0162	0.0136	1.00E-04		1.23E-03	1.23E-03		1.23E-03	1.23E-03
Mobile	1.2338	1.1866	11.6622	0.0244	3.0439	0.0159	3.0598	0.8123	0.0148	0.8271
Waste						0	0		0	0
Water						0	0		0	0
Landscape Reduction	0.03483	0.01335	1.15947	0.00006	0	0.00645	0.00645	0	0.00645	0.00645
Total	**3.11E+00**	**1.23E+00**	**1.44E+01**	**2.46E-02**	**3.04E+00**	**3.22E-02**	**3.08E+00**	**8.12E-01**	**3.11E-02**	**8.43E-01**

PA2 - Operation

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	3.0489	7.12E-02	6.1721	3.30E-04		3.44E-02	3.44E-02		3.44E-02	3.44E-02
Energy	1.89E-03	0.0172	0.0144	1.00E-04		1.30E-03	1.30E-03		1.30E-03	1.30E-03
Mobile	1.8503	1.7217	17.8415	0.0365	5.0087	0.019	5.0277	1.3369	0.0177	1.3546
Waste						0	0		0	0
Water						0	0		0	0
Landscape Reduction	0.05559	0.02136	1.85163	0.000099	0	0.01032	0.01032	0	0.01032	0.01032
Total	**4.85E+00**	**1.79E+00**	**2.22E+01**	**3.68E-02**	**5.01E+00**	**4.44E-02**	**5.05E+00**	**1.34E+00**	**4.31E-02**	**1.38E+00**

PA3 - Operation

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	2.9194	6.86E-02	5.9453	3.20E-04		3.31E-02	3.31E-02		3.31E-02	3.31E-02
Energy	1.45E-03	0.0132	0.0111	8.00E-05		1.00E-03	1.00E-03		1.00E-03	1.00E-03
Mobile	1.6495	1.5283	15.8147	0.0321	4.4091	0.0168	4.4258	1.1768	0.0156	1.1924
Waste						0	0		0	0
Water						0	0		0	0
Landscape Reduction	0.05355	0.02058	1.78359	0.000096	0	0.00993	0.00993	0	0.00993	0.00993
Total	**4.52E+00**	**1.59E+00**	**2.00E+01**	**3.24E-02**	**4.41E+00**	**4.10E-02**	**4.45E+00**	**1.18E+00**	**3.98E-02**	**1.22E+00**

Existing - Operation

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	2.0259	0.0569	4.9348	2.60E-04		0.0273	0.0273		0.0273	0.0273
Energy	0.0186	0.1588	0.0676	1.01E-03		0.0128	0.0128		0.0128	0.0128
Mobile	1.1663	1.4954	12.3042	0.0259	2.5768	0.0221	2.5989	0.6875	0.0206	0.708
Waste						0	0		0	0
Water						0	0		0	0
Total	**3.21E+00**	**1.71E+00**	**1.73E+01**	**2.72E-02**	**2.58E+00**	**6.22E-02**	**2.64E+00**	**6.88E-01**	**6.07E-02**	**7.48E-01**

Mitigation

Landscape Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Unmitigated										
Harbor	0.0145	5.58E-03	0.4842	3.00E-05		2.69E-03	2.69E-03		2.69E-03	2.69E-03
PA 1	0.1161	0.0445	3.8649	2.00E-04		0.0215	0.0215		0.0215	0.0215
PA2	0.1853	0.0712	6.1721	3.30E-04		0.0344	0.0344		0.0344	0.0344
PA3	0.1785	0.0686	5.9453	3.20E-04		0.0331	0.0331		0.0331	0.0331
Mitigated	30% Electric Landscape Equipment				(reduction)					
Harbor	0.00435	0.001674	0.14526	0.000009	0	0.000807	0.000807	0	0.000807	0.000807
PA 1	0.03483	0.01335	1.15947	0.00006	0	0.00645	0.00645	0	0.00645	0.00645
PA2	0.05559	0.02136	1.85163	0.000099	0	0.01032	0.01032	0	0.01032	0.01032
PA3	0.05355	0.02058	1.78359	0.000096	0	0.00993	0.00993	0	0.00993	0.00993

One San Pedro Specific Plan
Mitigated Annual Operaitonal Emissions Summary - Proposed Project Scenario B

Total Annual Operational Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	8.1133	0.18988	16.468	0.00088	0	0.09159	0.09159	0	0.09159	0.09159
Energy	0.00512	0.04655	0.03913	0.00028	0	0.00354	0.00354	0	0.00354	0.00354
Mobile	4.8666	4.5733	46.3541	0.09549	12.676	0.05382	12.73	3.3831	0.05012	3.4333
Waste	0	0	0	0	0	0	0	0	0	0
Water	0	0	0	0	0	0	0	0	0	0
Total	**1.30E+01**	**4.81E+00**	**6.29E+01**	**9.67E-02**	**1.27E+01**	**1.49E-01**	**1.28E+01**	**3.38E+00**	**1.45E-01**	**3.53E+00**
Existing	3.21	1.71	17.31	0.03	2.58	0.06	2.64	0.69	0.06	0.75
NET	9.77	3.10	45.55	0.07	10.10	0.09	10.19	2.70	0.08	2.78

Harbor - Operation

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	0.2745	0.00558	0.4842	0.00003	0	0.00269	0.00269	0	0.00269	0.00269
Energy	0	0	0	0	0	0	0	0	0	0
Mobile	0.1141	0.1109	1.0062	0.00199	0.2145	0.00152	0.2161	0.0572	0.00142	0.0587
Waste	0	0	0	0	0	0	0	0	0	0
Water	0	0	0	0	0	0	0	0	0	0
Landscape Reduction	0.00435	0.001674	0.14526	0.000009	0	0.000807	0.000807	0	0.000807	0.000807
Total	**3.84E-01**	**1.15E-01**	**1.35E+00**	**2.01E-03**	**2.15E-01**	**3.40E-03**	**2.18E-01**	**5.72E-02**	**3.30E-03**	**6.06E-02**

PA1 - Operation

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	2.2881	0.0534	4.6381	2.50E-04		0.0258	0.0258		0.0258	0.0258
Energy	2.17E-03	0.0197	0.0166	1.20E-04		1.50E-03	1.50E-03		1.50E-03	1.50E-03
Mobile	1.4842	1.4275	13.9196	0.0294	3.6679	0.0189	3.6869	0.9788	0.0176	0.9964
Waste						0	0		0	0
Water						0	0		0	0
Landscape Reduction	0.04179	0.01602	1.39143	0.000075	0	0.00774	0.00774	0	0.00774	0.00774
Total	**3.73E+00**	**1.48E+00**	**1.72E+01**	**2.97E-02**	**3.67E+00**	**3.85E-02**	**3.71E+00**	**9.79E-01**	**3.72E-02**	**1.02E+00**

PA2 - Operation

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	3.4623	7.99E-02	6.9239	3.70E-04		3.85E-02	3.85E-02		3.85E-02	3.85E-02
Energy	2.32E-03	0.0211	0.0177	1.30E-04		1.60E-03	1.60E-03		1.60E-03	1.60E-03
Mobile	2.1457	2	20.7374	0.0425	5.8375	0.0221	5.8596	1.5581	0.0206	1.5787
Waste						0	0		0	0
Water						0	0		0	0
Landscape Reduction	0.0624	0.02397	2.07717	0.000111	0	0.01155	0.01155	0	0.01155	0.01155
Total	**5.55E+00**	**2.08E+00**	**2.56E+01**	**4.29E-02**	**5.84E+00**	**5.07E-02**	**5.89E+00**	**1.56E+00**	**4.92E-02**	**1.61E+00**

PA3 - Operation

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	2.0884	0.051	4.4218	2.30E-04		0.0246	0.0246		0.0246	0.0246
Energy	6.30E-04	5.75E-03	4.83E-03	3.00E-05		4.40E-04	4.40E-04		4.40E-04	4.40E-04
Mobile	1.1226	1.0349	10.6909	0.0216	2.9561	0.0113	2.9674	0.789	0.0105	0.7995
Waste						0	0		0	0
Water						0	0		0	0
Landscape Reduction	0.03981	0.0153	1.32654	0.000069	0	0.00738	0.00738	0	0.00738	0.00738
Total	**3.17E+00**	**1.08E+00**	**1.38E+01**	**2.18E-02**	**2.96E+00**	**2.90E-02**	**2.99E+00**	**7.89E-01**	**2.82E-02**	**8.17E-01**

Existing - Operation

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	2.0259	0.0569	4.9348	0.00026	0	0.0273	0.0273	0	0.0273	0.0273
Energy	0.0186	0.1588	0.0676	0.00101	0	0.0128	0.0128	0	0.0128	0.0128
Mobile	1.1663	1.4954	12.3042	0.0259	2.5768	0.0221	2.5989	0.6875	0.0206	0.708
Waste	0	0	0	0	0	0	0	0	0	0
Water	0	0	0	0	0	0	0	0	0	0
Total	**3.21E+00**	**1.71E+00**	**1.73E+01**	**2.72E-02**	**2.58E+00**	**6.22E-02**	**2.64E+00**	**6.88E-01**	**6.07E-02**	**7.48E-01**

Mitigation

Landscape Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Unmitigated										
Harbor	0.0145	5.58E-03	0.4842	3.00E-05		2.69E-03	2.69E-03		2.69E-03	2.69E-03
PA 1	0.1393	0.0534	4.6381	2.50E-04		0.0258	0.0258		0.0258	0.0258
PA2	0.208	0.0799	6.9239	3.70E-04		0.0385	0.0385		0.0385	0.0385
PA3	0.1327	0.051	4.4218	2.30E-04		0.0246	0.0246		0.0246	0.0246
Mitigated	30% Electric Landscape Equipment				(reduction)					
Harbor	0.00435	0.001674	0.14526	0.000009	0	0.000807	0.000807	0	0.000807	0.000807
PA 1	0.04179	0.01602	1.39143	0.000075	0	0.00774	0.00774	0	0.00774	0.00774
PA2	0.0624	0.02397	2.07717	0.000111	0	0.01155	0.01155	0	0.01155	0.01155
PA3	0.03981	0.0153	1.32654	0.000069	0	0.00738	0.00738	0	0.00738	0.00738

One San Pedro Specific Plan
Mitigated Construction Regional Criteria Pollutant Summary - Scenario A

Max Regional Daily Construction
Scenario A

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		Tons/year					
By Year							
2023		0.0303	0.1978	0.939	0.00178	0.0514	0.0153
2024		0.22934	2.05577	10.702	0.01528	0.38259	0.11218
2025		0.33018	2.02823	12.8552	0.02231	0.53815	0.16092
2026		0.2758	1.3088	6.325	0.01505	0.8162	0.2309
2027		0.2658	1.2947	6.221	0.01485	0.816	0.2307
2028		0.693	1.3391	7.0117	0.01666	0.91575	0.25835
2029		0.8696	1.3574	7.3275	0.0174	0.96267	0.27117
2030		0.8356	1.3054	7.0314	0.01784	0.93341	0.26291
2031		0.34758	2.97859	12.15615	0.02167	0.4252	0.14162
2032		0.25029	1.35808	6.61902	0.01655	0.81243	0.23228
2033		0.2213	1.233	6.0058	0.01545	0.808	0.228
2034		1.49336	3.7687	17.41874	0.03566	1.30013	0.37665
2035		1.76879	2.03074	9.7313	0.02512	1.31044	0.37001
2036		0.81422	1.48309	6.3607	0.01695	0.90159	0.25479
2037		1.9134	0.8352	4.4559	0.01124	0.57612	0.16252
By Phase							
Harbor		0.1611	0.2061	0.9762	0.00191	0.0645	0.0198
PA1		0.8696	2.05577	12.8552	0.02231	0.96267	0.27117
PA2		1.5557	2.97859	12.15615	0.02167	0.91204	0.25704
PA3		1.9134	2.46847	10.36444	0.01795	0.90159	0.25479
By Overlap							
Harbor & Phase 1		0.39044	2.26187	12.8969	0.0224	0.54001	0.16162
Phase 2 & Phase 3		1.76879	3.7687	17.41874	0.03566	1.31044	0.37665

One San Pedro Specific Plan
Mitigated Construction Regional Criteria Pollutant Summary - Scenario A

Emissions By Year and Planning Area

Scenario A

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
2023	Harbor	0.0303	0.1978	0.939	1.78E-03	0.0514	0.0153
2024	Harbor	0.1611	0.2061	0.9762	1.91E-03	0.0645	0.0198
	P1	0.22934	2.05577	10.702	0.01528	0.38259	0.11218
2025	Harbor	0.0295	7.10E-03	0.0417	9.00E-05	1.86E-03	7.00E-04
	PA1	0.33018	2.02823	12.8552	0.02231	0.53815	0.16092
2026	PA1	0.2758	1.3088	6.325	0.01505	0.8162	0.2309
2027	PA1	0.2658	1.2947	6.221	0.01485	0.816	0.2307
2028	PA1	0.693	1.3391	7.0117	0.01666	0.91575	0.25835
2029	PA1	0.8696	1.3574	7.3275	0.0174	0.96267	0.27117
2030	PA1	0.8356	1.3054	7.0314	0.01784	0.93341	0.26291
2031	PA2	0.34758	2.97859	12.15615	0.02167	0.4252	0.14162
2032	PA2	0.25029	1.35808	6.61902	0.01655	0.81243	0.23228
2033	PA2	0.2213	1.233	6.0058	0.01545	0.808	0.228
2034	PA2	1.28	1.30023	7.0543	0.01771	0.91204	0.25704
	PA3	0.21336	2.46847	10.36444	0.01795	0.38809	0.11961
2035	PA2	1.5557	0.5755	3.8057	0.00917	0.45793	0.12903
	PA3	0.21309	1.45524	5.9256	0.01595	0.85251	0.24098
2036	PA3	0.81422	1.48309	6.3607	0.01695	0.90159	0.25479
2037	PA3	1.9134	0.8352	4.4559	0.01124	0.57612	0.16252

One San Pedro Specific Plan
Mitigated Construction Regional Criteria Pollutant Summary - Scenario A

Emissions by Phase, Planning Area, and Year

Scenario A

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
			lbs/day					
2024	PA1	Demolition - Onsite	0.0906	0.5309	4.8884	7.36E-03	0.0462	0.0168
		Demolition - Offsite	0.0157	0.1236	0.177	9.5000e-004	0.0694	0.0193
		Site Prep - Onsite	5.03E-03	0.0218	0.3105	4.10E-04	6.70E-04	6.70E-04
		Site Prep - Offsite	1.81E-03	1.37E-03	0.0193	6.00E-05	6.72E-03	1.81E-03
		Grading - Onsite	0.0886	0.4753	4.9366	7.45E-03	0.0692	0.0177
		Grading - Offsite	0.0276	0.9028	0.3702	4.4700e-00	0.1904	0.0559
2025	PA1	Grading - Onsite	0.0454	0.2436	2.53	3.82E-03	0.0636	0.0121
		Grading - Offsite	0.0135	0.4591	0.185	2.2500e-003	0.0976	0.0287
		BC - Onsite	0.0347	0.2632	1.6419	2.72E-03	4.21E-03	4.21E-03
		BC - OffSite	0.0741	0.2393	0.8037	3.08E-03	0.3055	0.0835
		Paving - Onsite	6.84E-03	0.0525	0.384	5.10E-04	8.30E-04	8.30E-04
		Paving - Offsite	1.94E-03	1.41E-03	0.0206	6.00E-05	7.71E-03	2.08E-03
		Utilities - Onsite	0.1436	0.7618	7.183	0.0118	0.0187	0.0187
		Utilities - Offsite	0.0101	7.32E-03	0.107	3.20E-04	0.04	0.0108
2026	PA1	BC - Onsite	0.0914	0.6939	4.3286	7.17E-03	0.0111	0.0111
		BC - OffSite	0.1844	0.6149	1.9964	7.88E-03	0.8051	0.2198
2027	PA1	BC - Onsite	0.0914	0.6939	4.3286	7.17E-03	0.0111	0.0111
		BC - OffSite	0.1744	0.6008	1.8924	7.68E-03	0.8049	0.2196
2028	PA1	BC - Onsite	0.091	0.6913	4.312	7.14E-03	0.0111	0.0111
		BC - OffSite	0.1647	0.5865	1.7996	7.47E-03	0.8015	0.2185
		AC - Onsite Offgas	0.4049				0	0
		AC - Onsite - Equipmen	0.0109	0.0471	0.6707	1.29E-03	1.45E-03	1.45E-03
		AC - Offsite	0.0215	0.0142	0.2294	7.60E-04	0.1017	0.0273

One San Pedro Specific Plan
Mitigated Construction Regional Criteria Pollutant Summary - Scenario A

Emissions by Phase, Planning Area, and Year

Scenario A

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
2029 PA1	BC - Onsite	0.0914	0.6939	4.3286	7.17E-03	0.0111	0.0111
	BC - OffSite	0.1564	0.5776	1.7302	7.33E-03	0.8044	0.2191
	AC - Onsite Offgas	0.5774				0	0
	AC - Onsite - Equipmen	0.0155	0.0672	0.9565	1.84E-03	2.07E-03	2.07E-03
	AC - Offsite	0.0289	0.0187	0.3122	1.06E-03	0.1451	0.0389
2030 PA1	BC - Onsite	0.0886	0.6727	4.1959	8.08E-03	0.0108	0.0108
	BC - OffSite	0.1435	0.5504	1.6135	6.96E-03	0.7795	0.2122
	AC - Onsite Offgas	0.5619				0	0
	AC - Onsite - Equipmen	0.0151	0.0654	0.9309	1.79E-03	2.01E-03	2.01E-03
	AC - Offsite	0.0265	0.0169	0.2911	1.01E-03	0.1411	0.0379
		PA2					
2031 PA2	Demolition - Onsite	0.091	0.5195	3.0045	5.69E-03	0.0437	0.0154
	Demolition - Offsite	6.63E-03	0.048	0.0807	4.00E-04	0.0396	0.0109
	Site Prep - Onsite	3.14E-03	0.0136	0.1934	3.10E-04	4.20E-04	4.20E-04
	Site Prep - Offsite	7.40E-04	4.70E-04	8.45E-03	3.00E-05	4.18E-03	1.12E-03
	Grading - Onsite	0.0888	0.5598	4.8266	8.17E-03	0.0475	0.0151
	Grading - Offsite	0.025	1.2316	0.4243	5.4200e-003	0.247	0.073
	Utilities - Onsite	0.1281	0.603	3.5709	6.91E-03	0.0194	0.0194
	Utilities - Offsite	4.17E-03	2.62E-03	0.0473	1.60E-04	0.0234	6.28E-03
2032 PA2	BC - Onsite	0.0946	0.7061	4.4273	8.66E-03	0.0115	0.0115
	BC - OffSite	0.1305	0.5188	1.5509	6.72E-03	0.7873	0.214
	Utilities - Onsite	9.02E-03	0.0425	0.2515	4.90E-04	1.37E-03	1.37E-03
	Utilities - Offsite	2.80E-04	1.70E-04	3.22E-03	1.00E-05	1.65E-03	4.40E-04
	Paving - Onsite	0.0146	0.0897	0.3711	6.20E-04	2.91E-03	2.91E-03
	Paving - Offsite	1.29E-03	8.10E-04	0.015	5.00E-05	7.70E-03	2.06E-03
2033 PA2	BC - Onsite	0.0957	0.7143	4.479	8.76E-03	0.0117	0.0117
	BC - OffSite	0.1256	0.5187	1.5268	6.69E-03	0.7963	0.2163

One San Pedro Specific Plan
Mitigated Construction Regional Criteria Pollutant Summary - Scenario A

Scenario A

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
2034 PA2	BC - Onsite	0.0957	0.7143	4.479	8.76E-03	0.0117	0.0117
	BC - OffSite	0.1199	0.5131	1.4882	6.61E-03	0.7962	0.2161
	AC - Onsite Offgas	1.0343				0	0
	AC - Onsite - Equipmen	0.0146	0.0632	0.8991	1.66E-03	1.94E-03	1.94E-03
	AC - Offsite	0.0155	9.63E-03	0.188	6.80E-04	0.1022	0.0273
2034 PA3	Demolition - Onsite	0.0434	0.2549	2.3403	4.16E-03	0.0468	0.0118
	Demolition - Offsite	2.14E-03	0.1223	0.0402	5.1000e-004	0.0238	7.05E-03
	Site Prep - Onsite	2.39E-03	0.0104	0.1476	2.40E-04	3.20E-04	3.20E-04
	Site Prep - Offsite	4.80E-04	3.00E-04	5.74E-03	2.00E-05	3.19E-03	8.50E-04
	Grading - Onsite	0.0641	0.3447	3.572	6.05E-03	0.036	0.0113
	Grading - Offsite	0.0148	1.1936	0.3195	4.7700e-003	0.1919	0.0581
	Utilities - Onsite	0.0635	0.4088	3.2256	5.83E-03	7.98E-03	7.98E-03
	Utilities - Offsite	2.87E-03	1.79E-03	0.0345	1.30E-04	0.0191	5.12E-03
	BC - Onsite	5.60E-03	0.0427	0.2652	5.10E-04	6.80E-04	6.80E-04
	BC - OffSite	7.68E-03	0.0462	0.0952	4.70E-04	0.0515	0.0141
	Paving - Onsite	5.48E-03	0.0422	0.3075	5.00E-04	6.60E-04	6.60E-04
	Paving - Offsite	9.20E-04	5.80E-04	0.0111	4.00E-05	6.16E-03	1.65E-03
2035 PA2	BC - Onsite	0.0372	0.2775	1.7399	3.40E-03	4.54E-03	4.54E-03
	BC - OffSite	0.0446	0.1976	0.5656	2.54E-03	0.3092	0.0839
	AC - Onsite Offgas	1.4333				0	0
	AC - Onsite - Equipmen	0.0202	0.0876	1.246	2.30E-03	2.69E-03	2.69E-03
	AC - Offsite	0.0204	0.0128	0.2542	9.30E-04	0.1415	0.0379
PA3	BC - Onsite	0.0914	0.697	4.3266	8.33E-03	0.0111	0.0111
	BC - OffSite	0.1201	0.7475	1.5194	7.49E-03	0.8397	0.2293
	Paving - Onsite	1.37E-03	0.0106	0.0769	1.20E-04	1.70E-04	1.70E-04
	Paving - Offsite	2.20E-04	1.40E-04	2.70E-03	1.00E-05	1.54E-03	4.10E-04

One San Pedro Specific Plan
Mitigated Construction Regional Criteria Pollutant Summary - Scenario A

Scenario A

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
2036 PA3	BC - Onsite	**0.0918**	**0.6997**	**4.3432**	**8.36E-03**	**0.0112**	**0.0112**
	BC - OffSite	**0.1206**	**0.7504**	**1.5252**	**7.52E-03**	**0.8429**	**0.2302**
	AC - Onsite Offgas	0.5885				0	0
	AC - Onsite - Equipmen	6.66E-03	0.0288	0.4105	7.60E-04	8.90E-04	8.90E-04
	AC - Offsite	**6.66E-03**	**4.19E-03**	**0.0818**	**3.10E-04**	**0.0466**	**0.0125**
2037 PA3	BC - Onsite	**0.0466**	**0.3552**	**2.2047**	**4.24E-03**	**5.66E-03**	**5.66E-03**
	BC - OffSite	**0.0612**	**0.3809**	**0.7743**	**3.81E-03**	**0.4279**	**0.1168**
	AC - Onsite Offgas	1.7656				0	0
	AC - Onsite - Equipmen	0.02	0.0865	1.2314	2.27E-03	2.66E-03	2.66E-03
	AC - Offsite	**0.02**	**0.0126**	**0.2455**	**9.20E-04**	**0.1399**	**0.0374**

One San Pedro Specific Plan
Mitigated Construction Regional Criteria Pollutant Summary - Scenario B

Max Regional Daily Construction
Scenario B

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		Tons/year					
By Year							
2023		0.0303	0.1978	0.939	0.00178	0.0514	0.0153
2024		0.22934	2.05577	10.702	0.01528	0.38259	0.11218
2025		0.33018	2.02823	12.8552	0.02231	0.53815	0.16092
2026		0.2758	1.3088	6.325	0.01505	0.8162	0.2309
2027		0.2658	1.2947	6.221	0.01485	0.816	0.2307
2028		0.7749	1.3391	7.0117	0.01666	0.91575	0.25835
2029		0.9864	1.3574	7.3275	0.0174	0.96267	0.27117
2030		0.9493	1.3054	7.0314	0.01784	0.93341	0.26291
2031		0.34758	2.97859	12.15615	0.02167	0.4252	0.14162
2032		0.25029	1.35808	6.61902	0.01655	0.81243	0.23228
2033		0.2213	1.233	6.0058	0.01545	0.808	0.228
2034		1.63766	3.7687	17.41874	0.03566	1.30013	0.37665
2035		1.96889	2.03074	9.7313	0.02512	1.31044	0.37001
2036		0.64582	1.48309	6.3607	0.01695	0.90159	0.25479
2037		1.408	0.8352	4.4559	0.01124	0.57612	0.16252
By Phase							
Harbor		0.1611	0.2061	0.9762	0.00191	0.0645	0.0198
PA1		0.9864	2.05577	12.8552	0.02231	0.96267	0.27117
PA2		1.7558	2.97859	12.15615	0.02167	0.91204	0.25704
PA3		1.408	2.46847	10.36444	0.01795	0.90159	0.25479
By Overlap							
Harbor & Phase 1		0.39044	2.26187	12.8969	0.0224	0.54001	0.16162
Phase 2 & Phase 3		1.96889	3.7687	17.41874	0.03566	1.31044	0.37665

One San Pedro Specific Plan
Mitigated Construction Regional Criteria Pollutant Summary - Scenario B

Emissions By Year and Planning Area

Scenario B

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
2023	Harbor	0.0303	0.1978	0.939	1.78E-03	0.0514	0.0153
2024	Harbor	0.1611	0.2061	0.9762	1.91E-03	0.0645	0.0198
	P1	0.22934	2.05577	10.702	0.01528	0.38259	0.11218
2025	Harbor	0.0295	7.10E-03	0.0417	9.00E-05	1.86E-03	7.00E-04
	PA1	0.33018	2.02823	12.8552	0.02231	0.53815	0.16092
2026	PA1	0.2758	1.3088	6.325	0.01505	0.8162	0.2309
2027	PA1	0.2658	1.2947	6.221	0.01485	0.816	0.2307
2028	PA1	0.7749	1.3391	7.0117	0.01666	0.91575	0.25835
2029	PA1	0.9864	1.3574	7.3275	0.0174	0.96267	0.27117
2030	PA1	0.9493	1.3054	7.0314	0.01784	0.93341	0.26291
2031	PA2	0.34758	2.97859	12.15615	0.02167	0.4252	0.14162
2032	PA2	0.25029	1.35808	6.61902	0.01655	0.81243	0.23228
2033	PA2	0.2213	1.233	6.0058	0.01545	0.808	0.228
2034	PA2	1.4243	1.30023	7.0543	0.01771	0.91204	0.25704
	PA3	0.21336	2.46847	10.36444	0.01795	0.38809	0.11961
2035	PA2	1.7558	0.5755	3.8057	0.00917	0.45793	0.12903
	PA3	0.21309	1.45524	5.9256	0.01595	0.85251	0.24098
2036	PA3	0.64582	1.48309	6.3607	0.01695	0.90159	0.25479
2037	PA3	1.408	0.8352	4.4559	0.01124	0.57612	0.16252

One San Pedro Specific Plan
Mitigated Construction Regional Criteria Pollutant Summary - Scenario B

Emissions by Phase, Planning Area, and Year

Scenario B

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
			lbs/day					
2024	PA1	Demolition - Onsite	0.0906	0.5309	4.8884	0.00736	0.0462	0.0168
		Demolition - Offsite	0.0157	0.1236	0.177	.5000e-004	0.0694	0.0193
		Site Prep - Onsite	0.00503	0.0218	0.3105	0.00041	0.00067	0.00067
		Site Prep - Offsite	0.00181	0.00137	0.0193	0.00006	0.00672	0.00181
		Grading - Onsite	0.0886	0.4753	4.9366	0.00745	0.0692	0.0177
		Grading - Offsite	0.0276	0.9028	0.3702	1.4700e-00	0.1904	0.0559
2025	PA1	Grading - Onsite	0.0454	0.2436	2.53	0.00382	0.0636	0.0121
		Grading - Offsite	0.0135	0.4591	0.185	.2500e-003	0.0976	0.0287
		BC - Onsite	0.0347	0.2632	1.6419	0.00272	0.00421	0.00421
		BC - OffSite	0.0741	0.2393	0.8037	0.00308	0.3055	0.0835
		Paving - Onsite	0.00684	0.0525	0.384	0.00051	0.00083	0.00083
		Paving - Offsite	0.00194	0.00141	0.0206	0.00006	0.00771	0.00208
		Utilities - Onsite	0.1436	0.7618	7.183	0.0118	0.0187	0.0187
		Utilities - Offsite	0.0101	0.00732	0.107	0.00032	0.04	0.0108
2026	PA1	BC - Onsite	0.0914	0.6939	4.3286	0.00717	0.0111	0.0111
		BC - OffSite	0.1844	0.6149	1.9964	0.00788	0.8051	0.2198
2027	PA1	BC - Onsite	0.0914	0.6939	4.3286	0.00717	0.0111	0.0111
		BC - OffSite	0.1744	0.6008	1.8924	0.00768	0.8049	0.2196
2028	PA1	BC - Onsite	0.091	0.6913	4.312	0.00714	0.0111	0.0111
		BC - OffSite	0.1647	0.5865	1.7996	0.00747	0.8015	0.2185
		AC - Onsite Offgas	0.4868				0	0
		AC - Onsite - Equipmer	0.0109	0.0471	0.6707	0.00129	0.00145	0.00145
		AC - Offsite	0.0215	0.0142	0.2294	0.00076	0.1017	0.0273

One San Pedro Specific Plan
Mitigated Construction Regional Criteria Pollutant Summary - Scenario B

Emissions by Phase, Planning Area, and Year

Scenario B

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
			lbs/day					
2029	PA1	BC - Onsite	0.0914	0.6939	4.3286	0.00717	0.0111	0.0111
		BC - OffSite	0.1564	0.5776	1.7302	0.00733	0.8044	0.2191
		AC - Onsite Offgas	0.6942				0	0
		AC - Onsite - Equipmer	0.0155	0.0672	0.9565	0.00184	0.00207	0.00207
		AC - Offsite	0.0289	0.0187	0.3122	0.00106	0.1451	0.0389
2030	PA1	BC - Onsite	0.0886	0.6727	4.1959	0.00808	0.0108	0.0108
		BC - OffSite	0.1435	0.5504	1.6135	0.00696	0.7795	0.2122
		AC - Onsite Offgas	0.6756				0	0
		AC - Onsite - Equipmer	0.0151	0.0654	0.9309	0.00179	0.00201	0.00201
		AC - Offsite	0.0265	0.0169	0.2911	0.00101	0.1411	0.0379
2031	PA2	Demolition - Onsite	0.091	0.5195	3.0045	0.00569	0.0437	0.0154
		Demolition - Offsite	0.00663	0.048	0.0807	0.0004	0.0396	0.0109
		Site Prep - Onsite	0.00314	0.0136	0.1934	0.00031	0.00042	0.00042
		Site Prep - Offsite	0.00074	0.00047	0.00845	0.00003	0.00418	0.00112
		Grading - Onsite	0.0888	0.5598	4.8266	0.00817	0.0475	0.0151
		Grading - Offsite	0.025	1.2316	0.4243	.4200e-003	0.247	0.073
		Utilities - Onsite	0.1281	0.603	3.5709	0.00691	0.0194	0.0194
		Utilities - Offsite	0.00417	0.00262	0.0473	0.00016	0.0234	0.00628
2032	PA2	BC - Onsite	0.0946	0.7061	4.4273	0.00866	0.0115	0.0115
		BC - OffSite	0.1305	0.5188	1.5509	0.00672	0.7873	0.214
		Utilities - Onsite	0.00902	0.0425	0.2515	0.00049	0.00137	0.00137
		Utilities - Offsite	0.00028	0.00017	0.00322	0.00001	0.00165	0.00044
		Paving - Onsite	0.0146	0.0897	0.3711	0.00062	0.00291	0.00291
		Paving - Offsite	0.00129	0.00081	0.015	0.00005	0.0077	0.00206
2033	PA2	BC - Onsite	0.0957	0.7143	4.479	0.00876	0.0117	0.0117
		BC - OffSite	0.1256	0.5187	1.5268	0.00669	0.7963	0.2163

One San Pedro Specific Plan
Mitigated Construction Regional Criteria Pollutant Summary - Scenario B

Scenario B

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
2034 PA2	BC - Onsite	0.0957	0.7143	4.479	0.00876	0.0117	0.0117
	BC - OffSite	0.1199	0.5131	1.4882	0.00661	0.7962	0.2161
	AC - Onsite Offgas	1.1786				0	0
	AC - Onsite - Equipmer	0.0146	0.0632	0.8991	0.00166	0.00194	0.00194
	AC - Offsite	0.0155	0.00963	0.188	0.00068	0.1022	0.0273
2034 PA3	Demolition - Onsite	0.0434	0.2549	2.3403	0.00416	0.0468	0.0118
	Demolition - Offsite	0.00214	0.1223	0.0402	.1000e-004	0.0238	0.00705
	Site Prep - Onsite	0.00239	0.0104	0.1476	0.00024	0.00032	0.00032
	Site Prep - Offsite	0.00048	0.0003	0.00574	0.00002	0.00319	0.00085
	Grading - Onsite	0.0641	0.3447	3.572	0.00605	0.036	0.0113
	Grading - Offsite	0.0148	1.1936	0.3195	.7700e-003	0.1919	0.0581
	Utilities - Onsite	0.0635	0.4088	3.2256	0.00583	0.00798	0.00798
	Utilities - Offsite	0.00287	0.00179	0.0345	0.00013	0.0191	0.00512
	BC - Onsite	0.0056	0.0427	0.2652	0.00051	0.00068	0.00068
	BC - OffSite	0.00768	0.0462	0.0952	0.00047	0.0515	0.0141
	Paving - Onsite	0.00548	0.0422	0.3075	0.0005	0.00066	0.00066
	Paving - Offsite	0.00092	0.00058	0.0111	0.00004	0.00616	0.00165
2035 PA2	BC - Onsite	0.0372	0.2775	1.7399	0.0034	0.00454	0.00454
	BC - OffSite	0.0446	0.1976	0.5656	0.00254	0.3092	0.0839
	AC - Onsite Offgas	1.6334				0	0
	AC - Onsite - Equipmer	0.0202	0.0876	1.246	0.0023	0.00269	0.00269
	AC - Offsite	0.0204	0.0128	0.2542	0.00093	0.1415	0.0379
PA3	BC - Onsite	0.0914	0.697	4.3266	0.00833	0.0111	0.0111
	BC - OffSite	0.1201	0.7475	1.5194	0.00749	0.8397	0.2293
	Paving - Onsite	0.00137	0.0106	0.0769	0.00012	0.00017	0.00017
	Paving - Offsite	0.00022	0.00014	0.0027	0.00001	0.00154	0.00041

One San Pedro Specific Plan
Mitigated Construction Regional Criteria Pollutant Summary - Scenario B

Scenario B

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		lbs/day					
2036 PA3	BC - Onsite	0.0918	0.6997	4.3432	0.00836	0.0112	0.0112
	BC - OffSite	0.1206	0.7504	1.5252	0.00752	0.8429	0.2302
	AC - Onsite Offgas	0.4201				0	0
	AC - Onsite - Equipmer	0.00666	0.0288	0.4105	0.00076	0.00089	0.00089
	AC - Offsite	0.00666	0.00419	0.0818	0.00031	0.0466	0.0125
2037 PA3	BC - Onsite	0.0466	0.3552	2.2047	0.00424	0.00566	0.00566
	BC - OffSite	0.0612	0.3809	0.7743	0.00381	0.4279	0.1168
	AC - Onsite Offgas	1.2602				0	0
	AC - Onsite - Equipmer	0.02	0.0865	1.2314	0.00227	0.00266	0.00266
	AC - Offsite	0.02	0.0126	0.2455	0.00092	0.1399	0.0374

One San Pedro Specific Plan
Mitigated Annual Construction Emissions Summary - Proposed Project

Maximum Annual Emissions by Phase

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Harbor	1.58E-01	2.30E-01	9.74E-01	0.00E+00	6.08E-02	0.00E+00	6.32E-02	1.62E-02	0.00E+00	1.87E-02
Phase 1	1.17E+00	1.95E+00	1.05E+01	1.36E-02	7.20E-01	1.98E-02	7.41E-01	1.93E-01	1.96E-02	2.13E-01
Phase 2	8.28E-01	1.60E+00	7.75E+00	0.00E+00	5.04E-01	2.53E-02	5.25E-01	1.35E-01	2.45E-02	1.55E-01
Phase 3	1.33E+00	2.75E+00	8.55E+00	1.33E-02	6.56E-01	3.99E-02	7.04E-01	1.73E-01	3.93E-02	2.20E-01
Harbor + Phase 1 -2024	0.412	2.1402	11.5177	0.0136	0.3607	0.0198	0.3912	0.0912	0.0196	0.1216
Harbor + Phase 1 - 2025	0.394	1.6811	7.2597	0.01	0.6557	0.0112	0.675	0.1758	0.0109	0.1947
Phase 1 + Phase 2 - 2027	0.8572	2.2367	8.6619	0	0.6117	0.0253	0.6449	0.1617	0.0245	0.1939
Phase 2 + 3 -2029 A	1.4737	3.3152	11.208	0.0133	0.8687	0.0399	0.9251	0.2219	0.0393	0.2757

Harbor - Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
2023	0.031	0.2296	0.9403	1.9000e-003	0.0525	3.0100e-003	0.0555	0.0137	2.9400e-003	0.0166
2024	0.1583	0.1854	0.9736	1.9100e-003	0.0608	2.4400e-003	0.0632	0.0162	2.4100e-003	0.0187
2025	0.0289	2.9300e-003	0.0418	9.0000e-005	1.5700e-003	9.0000e-005	1.6600e-003	4.2000e-004	9.0000e-005	5.1000e-004
Max	**1.58E-01**	**2.30E-01**	**9.74E-01**	**0.00E+00**	**6.08E-02**	**0.00E+00**	**6.32E-02**	**1.62E-02**	**0.00E+00**	**1.87E-02**

Max year 2024

Phase 1 - Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
2024 - Rehab	0.0862	0.6445	3.2944	5.7400e-003	0.0837	8.3000e-003	0.092	0.0218	8.2600e-003	0.0301
2025 - Rehab	0.1709	0.6352	3.2172	5.8500e-003	0.0882	8.1100e-003	0.0963	0.0236	8.0600e-003	0.0316
2026 - Rehab	0.2164	0.5415	3.0092	5.5000e-003	0.0773	7.4400e-003	0.0848	0.0207	7.4000e-003	0.0281
2024-Rebuild	0.1675	1.3103	7.2497	0.0136	0.2162	0.0198	0.236	0.0532	0.0196	0.0728
2025 - Rebuild	0.1942	1.0459	4.0007	0.01	0.5675	0.0112	0.5787	0.1522	0.0109	0.1631
2026 -Rebuild	0.9585	1.0976	4.8275	0.0118	0.6431	0.013	0.6561	0.1723	0.0127	0.185
2027 - Rebuild	0.6987	0.6405	2.9187	7.1100e-003	0.3866	7.7900e-003	0.3944	0.1035	7.6000e-003	0.1112
Max	**1.17E+00**	**1.95E+00**	**1.05E+01**	**1.36E-02**	**7.20E-01**	**1.98E-02**	**7.41E-01**	**1.93E-01**	**1.96E-02**	**2.13E-01**

Phase 2 - Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
2027 - Rehab	0.1009	0.7797	3.4704	6.1900e-003	0.1187	0.0133	0.132	0.0309	0.0129	0.0438
2028 - Rehab	0.3645	0.6752	3.5664	6.7300e-003	0.1392	8.9300e-003	0.1481	0.0372	8.8700e-003	0.0461
2029 - Rehab	0.0908	0.1383	0.7622	1.4400e-003	0.029	1.8900e-003	0.0309	7.7500e-003	1.8800e-003	9.6300e-003
2027 - Rebuild	0.0576	0.8165	2.2728	5.6300e-003	0.1064	0.012	0.1185	0.0273	1.16E-02	0.0389
2028 - Rebuild	0.4639	0.9193	4.1838	8.9500e-003	0.3647	0.0119	0.3765	0.0975	0.0117	0.1092
2029 - Rebuild	0.6087	0.4226	1.8949	4.1500e-003	0.1841	6.2100e-003	0.1903	0.0493	6.1300e-003	0.0554
Max	**8.28E-01**	**1.60E+00**	**7.75E+00**	**0.00E+00**	**5.04E-01**	**2.53E-02**	**5.25E-01**	**1.35E-01**	**2.45E-02**	**1.55E-01**

Phase 3 - Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
2030 - Rehab	0.1225	0.6587	3.3576	6.8200e-003	0.1185	8.4800e-003	0.127	0.0309	8.4400e-003	0.0393
2031 - Rehab	0.3552	0.4628	2.5423	5.2500e-003	0.0937	6.2800e-003	0.1	0.025	6.2500e-003	0.0313
2029 - Rebuild	0.6517	2.0956	5.1933	0.0133	0.5371	0.0399	0.5769	0.1417	0.0393	0.181

2030 - Rebuild	0.9699	0.5833	1.6407	4.2500e-003	0.2235	9.2800e-003	0.2327	0.0598	9.1800e-003	0.069
Max	**1.33E+00**	**2.75E+00**	**8.55E+00**	**1.33E-02**	**6.56E-01**	**3.99E-02**	**7.04E-01**	**1.73E-01**	**3.93E-02**	**2.20E-01**

One San Pedro Specific Plan
Mitigated Annual Operaitonal Emissions Summary - Partial Preservation - Phase 1 Rehab

Total Annual Operational Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	5.86	0.15	12.92	0.00	0.00	0.07	0.07	0.00	0.07	0.07
Energy	0.01	0.13	0.07	0.00	0.00	0.01	0.01	0.00	0.01	0.01
Mobile	4.08	4.27	41.14	0.09	11.12	0.06	11.18	2.97	0.06	3.02
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**9.96**	**4.54**	**54.14**	**0.09**	**11.12**	**0.14**	**11.26**	**2.97**	**0.14**	**3.11**
Existing	3.21	1.71	17.31	0.03	2.58	0.06	2.64	0.69	0.06	0.75
NET	6.75	2.83	36.83	0.07	8.54	0.08	8.62	2.28	0.08	2.36

Harbor - Operation

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	0.2745	5.58E-03	0.4842	3.00E-05		2.69E-03	2.69E-03		2.69E-03	2.69E-03
Energy	0	0	0	0		0	0		0	0
Mobile	0.1141	0.1109	1.0062	1.99E-03	0.2145	1.52E-03	0.2161	0.0572	1.42E-03	0.0587
Waste						0	0		0	0
Water						0	0		0	0
Total	**3.89E-01**	**1.16E-01**	**1.49E+00**	**2.02E-03**	**2.15E-01**	**4.21E-03**	**2.19E-01**	**5.72E-02**	**4.11E-03**	**6.14E-02**

Phase 1 - Operation

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	0.305	8.54E-03	0.7418	4.00E-05		4.12E-03	4.12E-03		4.12E-03	4.12E-03
Energy	2.80E-03	0.0239	0.0102	1.50E-04		1.93E-03	1.93E-03		1.93E-03	1.93E-03
Mobile	0.1304	0.1385	1.2969	2.85E-03	0.3285	2.03E-03	0.3306	0.0877	1.88E-03	0.0895
Waste						0	0		0	0
Water						0	0		0	0
Total	**4.38E-01**	**1.71E-01**	**2.05E+00**	**3.04E-03**	**3.29E-01**	**8.08E-03**	**3.37E-01**	**8.77E-02**	**7.93E-03**	**9.56E-02**

Phase 2 - Operation

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	0.4573	0.0128	1.1108	6.00E-05		6.18E-03	6.18E-03		6.18E-03	6.18E-03
Energy	4.20E-03	0.0359	0.0153	2.30E-04		2.90E-03	2.90E-03		2.90E-03	2.90E-03
Mobile	0.1843	0.1875	1.8183	4.00E-03	0.4929	2.61E-03	0.4955	0.1315	2.42E-03	0.134
Waste						0	0		0	0
Water						0	0		0	0
Total	**6.46E-01**	**2.36E-01**	**2.94E+00**	**4.29E-03**	**4.93E-01**	**1.17E-02**	**5.05E-01**	**1.32E-01**	**1.15E-02**	**1.43E-01**

Phase 3 - Operation

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	0.4403	0.0123	1.0697	6.00E-05		5.95E-03	5.95E-03		5.95E-03	5.95E-03
Energy	4.04E-03	0.0345	0.0147	2.20E-04		2.79E-03	2.79E-03		2.79E-03	2.79E-03
Mobile	0.1722	0.1712	1.6985	3.72E-03	0.4747	2.29E-03	0.477	0.1267	2.13E-03	0.1288
Waste						0	0		0	0
Water						0	0		0	0
Total	**6.17E-01**	**2.18E-01**	**2.78E+00**	**4.00E-03**	**4.75E-01**	**1.10E-02**	**4.86E-01**	**1.27E-01**	**1.09E-02**	**1.38E-01**

Existing - Operation

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	2.0259	0.0569	4.9348	2.60E-04		0.0273	0.0273		0.0273	0.0273
Energy	0.0186	0.1588	0.0676	1.01E-03		0.0128	0.0128		0.0128	0.0128
Mobile	1.1663	1.4954	12.3042	0.0259	2.5768	0.0221	2.5989	0.6875	0.0206	0.708
Waste						0	0		0	0
Water						0	0		0	0
Total	**3.21E+00**	**1.71E+00**	**1.73E+01**	**2.72E-02**	**2.58E+00**	**6.22E-02**	**2.64E+00**	**6.88E-01**	**6.07E-02**	**7.48E-01**

One San Pedro Specific Plan
Mitigated Annual Operaitonal Emissions Summary - Partial Preservation - Phase 1 Rebuild

Total Annual Operational Emissions (Rebuild Only)

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	4.3847	0.1096	9.5179	0.0005	0	0.0529	0.0529	0	0.0529	0.0529
Energy	0.00379	0.03446	0.02891	0.00021	0	0.00262	0.00262	0	0.00262	0.00262
Mobile	3.4791	3.6579	35.3227	0.0789	9.6087	0.0522	9.6609	2.564	0.0484	2.6125
Waste	0	0	0	0	0	0	0	0	0	0
Water	0	0	0	0	0	0	0	0	0	0
Total	**7.87E+00**	**3.80E+00**	**4.49E+01**	**7.96E-02**	**9.61E+00**	**1.08E-01**	**9.72E+00**	**2.56E+00**	**1.04E-01**	**2.67E+00**
Existing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NET	7.87	3.80	44.87	0.08	9.61	0.11	9.72	2.56	0.10	2.67

Phase 1 - Operation

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	1.6708	0.0418	3.6336	1.90E-04		0.0202	0.0202		0.0202	0.0202
Energy	1.43E-03	0.013	0.0109	8.00E-05		9.90E-04	9.90E-04		9.90E-04	9.90E-04
Mobile	1.3843	1.5072	14.1455	0.0316	3.6543	0.0223	3.6766	0.975	0.0207	0.9958
Waste						0	0		0	0
Water						0	0		0	0
Total	**3.06E+00**	**1.56E+00**	**1.78E+01**	**3.19E-02**	**3.65E+00**	**4.35E-02**	**3.70E+00**	**9.75E-01**	**4.19E-02**	**1.02E+00**

Phase 2 - Operation

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	1.0822	0.0271	2.3496	1.20E-04		1.31E-02	1.31E-02		1.31E-02	1.31E-02
Energy	9.30E-04	8.46E-03	7.11E-03	5.00E-05		6.40E-04	6.40E-04		6.40E-04	6.40E-04
Mobile	0.8607	0.8705	8.5526	1.89E-02	2.371	1.20E-02	2.383	0.6327	1.11E-02	0.6438
Waste						0	0		0	0
Water						0	0		0	0
Total	**1.94E+00**	**9.06E-01**	**1.09E+01**	**1.91E-02**	**2.37E+00**	**2.57E-02**	**2.40E+00**	**6.33E-01**	**2.48E-02**	**6.58E-01**

Phase 3 - Operation

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	1.6317	0.0407	3.5347	1.90E-04		1.96E-02	1.96E-02		1.96E-02	1.96E-02
Energy	1.43E-03	0.013	0.0109	8.00E-05		9.90E-04	9.90E-04		9.90E-04	9.90E-04
Mobile	1.2341	1.2802	12.6246	2.84E-02	3.5834	1.79E-02	3.6013	0.9563	1.66E-02	0.9729
Waste						0	0		0	0
Water						0	0		0	0
Total	**2.87E+00**	**1.33E+00**	**1.62E+01**	**2.87E-02**	**3.58E+00**	**3.85E-02**	**3.62E+00**	**9.56E-01**	**3.72E-02**	**9.93E-01**

One San Pedro Specific Plan
Mitigated Operational Criteria Pollutant Summary - Partial Preservation
Max Daily

Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		33.0974	1.1914	103.3963	0.00547	0	0.5741	0.5741	0	0.5741	0.5741
Energy		0.08124	0.7055	0.3784	0.00444	0	0.05614	0.05614	0	0.05614	0.05614
Mobile		22.7654	23.1337	224.4847	0.4972	62.3046	0.33329	62.6377	16.5996	0.30979	16.9092
Total		**55.94404**	**25.0306**	**328.2594**	**0.50711**	**62.3046**	**0.96353**	**63.26794**	**16.5996**	**0.94003**	**17.53944**
Existing		**18.0981**	**9.4175**	**106.7747**	**0.14813**	**14.44**	**0.41**	**14.85**	**3.8463**	**0.4017**	**4.248**
Net		**37.85**	**15.61**	**221.48**	**0.36**	**47.86**	**0.55**	**48.42**	**12.75**	**0.54**	**13.29**
Threshold		55	55	550	150			150			55
Exceed Threshodl		No	No	No	No			No			No

Harbor Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		1.5408	0.0446	3.8739	0.0002	0	0.0215	0.0215	0	0.0215	0.0215
Energy		0	0	0	0	0	0	0	0	0	0
Mobile		0.6407	0.6038	5.5068	0.0108	1.2022	0.00839	1.2106	0.3203	0.00779	0.328
Total		**2.1815**	**0.6484**	**9.3807**	**0.011**	**1.2022**	**0.02989**	**1.2321**	**0.3203**	**0.02929**	**0.3495**

PA1 - Rebu Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		9.4309	0.3347	29.069	0.00154	0	0.1612	0.1612	0	0.1612	0.1612
Energy		0.00782	0.0711	0.0598	0.00043	0	0.00541	0.00541	0	0.00541	0.00541
Mobile		7.7256	8.1679	77.1056	0.1718	20.4721	0.1228	20.5949	5.4539	0.1141	5.5679
Total		**17.16432**	**8.5737**	**106.2344**	**0.17377**	**20.4721**	**0.28941**	**20.76151**	**5.4539**	**0.28071**	**5.73451**

One San Pedro Specific Plan
Mitigated Operational Criteria Pollutant Summary - Partial Preservation
Max Daily

PA1 - Rehal Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		1.7272	0.0684	5.9345	0.00031	0	0.0329	0.0329	0	0.0329	0.0329
Energy		0.0153	0.131	0.0558	0.00084	0	0.0106	0.0106	0	0.0106	0.0106
Mobile		0.7288	0.7515	7.0763	0.0155	1.8411	0.0112	1.8522	0.4905	0.0104	0.5008
Total		**2.4713**	**0.9509**	**13.0666**	**0.01665**	**1.8411**	**0.0547**	**1.8957**	**0.4905**	**0.0539**	**0.5443**

PA2 - Rebu Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		6.1075	0.2166	18.7969	0.001	0	0.1044	0.1044	0	0.1044	0.1044
Energy		0.0051	0.0464	0.0389	0.00028	0	0.00352	0.00352	0	0.00352	0.00352
Mobile		4.8028	4.7235	46.7051	0.1026	13.2866	0.0657	13.3523	3.5401	0.0611	3.6012
Total		**10.9154**	**4.9865**	**65.5409**	**0.10388**	**13.2866**	**0.17362**	**13.46022**	**3.5401**	**0.16902**	**3.70912**

PA2 - Rehal Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		2.5894	0.1025	8.8866	0.00047	0	0.0494	0.0494	0	0.0494	0.0494
Energy		0.023	0.1966	0.0836	0.00125	0	0.0159	0.0159	0	0.0159	0.0159
Mobile		1.0289	1.0177	9.93	0.0217	2.7621	0.0144	2.7764	0.7359	0.0133	0.7492
Total		**3.6413**	**1.3168**	**18.9002**	**0.02342**	**2.7621**	**0.0797**	**2.8417**	**0.7359**	**0.0786**	**0.8145**

One San Pedro Specific Plan
Mitigated Operational Criteria Pollutant Summary - Partial Preservation
Max Daily

PA3 - Rebu | Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		9.2081	0.3259	28.2779	0.0015	0	0.1571	0.1571	0	0.1571	0.1571
Energy		0.00782	0.0711	0.0598	0.00043	0	0.00541	0.00541	0	0.00541	0.00541
Mobile		6.8776	6.9398	68.8814	0.1546	20.0805	0.0982	20.1787	5.3502	0.0914	5.4416
Total		**16.09352**	**7.3368**	**97.2191**	**0.15653**	**20.0805**	**0.26071**	**20.34121**	**5.3502**	**0.25391**	**5.60411**

PA3 - Rehal | Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		2.4935	0.0987	8.5575	0.00045	0	0.0476	0.0476	0	0.0476	0.0476
Energy		0.0222	0.1893	0.0805	0.00121	0	0.0153	0.0153	0	0.0153	0.0153
Mobile		0.961	0.9295	9.2795	0.0202	2.66	0.0126	2.6726	0.7087	0.0117	0.7205
Total		**3.4767**	**1.2175**	**17.9175**	**0.02186**	**2.66**	**0.0755**	**2.7355**	**0.7087**	**0.0746**	**0.7834**

Existing | Max Daily

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		11.4762	0.4553	39.4781	0.00208	0	0.2181	0.2181	0	0.2181	0.2181
Energy		0.1018	0.8699	0.3702	0.00555	0	0.0703	0.0703	0	0.0703	0.0703
Mobile		6.5201	8.0923	66.9264	0.1405	14.44	0.1216	14.5616	3.8463	0.1133	3.9596
Total		**18.0981**	**9.4175**	**106.7747**	**0.14813**	**14.44**	**0.41**	**14.85**	**3.8463**	**0.4017**	**4.248**

One San Pedro Specific Plan
Mitigated Operational Criteria Pollutant Summary - Partial Preservation
Winter

Harbor Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		1.5408	0.0446	3.8739	2.00E-04		0.0215	0.0215		0.0215	0.0215
Energy		0	0	0	0		0	0		0	0
Mobile		0.6407	0.6038	5.5068	0.0108	1.2022	8.39E-03	1.2106	0.3203	7.79E-03	0.328
Total		**2.1815**	**0.6484**	**9.3806**	**0.011**	**1.2022**	**0.0299**	**1.2321**	**0.3203**	**0.0293**	**0.3495**

PA1 - Rebuild Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		9.4309	0.3347	29.069	1.54E-03		0.1612	0.1612		0.1612	0.1612
Energy		7.82E-03	0.0711	0.0598	4.30E-04		5.41E-03	5.41E-03		5.41E-03	5.41E-03
Mobile		7.7256	8.1679	77.1056	0.1718	20.4721	0.1228	20.5949	5.4539	0.1141	5.5679
Total		**17.1643**	**8.5738**	**106.2344**	**0.1738**	**20.4721**	**0.2894**	**20.7615**	**5.4539**	**0.2807**	**5.7345**

One San Pedro Specific Plan
Mitigated Operational Criteria Pollutant Summary - Partial Preservation
Winter

PA1 - Rehab Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		1.7272	0.0684	5.9345	3.10E-04		0.0329	0.0329		0.0329	0.0329
Energy		0.0153	0.131	0.0558	8.40E-04		0.0106	0.0106		0.0106	0.0106
Mobile		0.7288	0.7515	7.0763	0.0155	1.8411	0.0112	1.8522	0.4905	0.0104	0.5008
Total		**2.4713**	**0.9509**	**13.0666**	**0.0166**	**1.8411**	**0.0547**	**1.8957**	**0.4905**	**0.0539**	**0.5443**

PA2 - Rebuild Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		6.1075	0.2166	18.7969	1.00E-03		0.1044	0.1044		0.1044	0.1044
Energy		5.10E-03	0.0464	0.0389	2.80E-04		3.52E-03	3.52E-03		3.52E-03	3.52E-03
Mobile		4.8028	4.7235	46.7051	0.1026	13.2866	0.0657	13.3523	3.5401	0.0611	3.6012
Total		**10.9155**	**4.9864**	**65.5409**	**0.1039**	**13.2866**	**0.1737**	**13.4603**	**3.5401**	**0.1691**	**3.7092**

PA2 - Rehab Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		2.5894	0.1025	8.8866	4.70E-04		0.0494	0.0494		0.0494	0.0494
Energy		0.023	0.1966	0.0836	1.25E-03		0.0159	0.0159		0.0159	0.0159
Mobile		1.0289	1.0177	9.93	0.0217	2.7621	0.0144	2.7764	0.7359	0.0133	0.7492
Total		**3.6413**	**1.3167**	**18.9002**	**0.0235**	**2.7621**	**0.0797**	**2.8417**	**0.7359**	**0.0786**	**0.8145**

One San Pedro Specific Plan
Mitigated Operational Criteria Pollutant Summary - Partial Preservation
Winter

PA3 - Rebuild Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		9.2081	0.3259	28.2779	1.50E-03		0.1571	0.1571		0.1571	0.1571
Energy		7.82E-03	0.0711	0.0598	4.30E-04		5.41E-03	5.41E-03		5.41E-03	5.41E-03
Mobile		6.8776	6.9398	68.8814	0.1546	20.0805	0.0982	20.1787	5.3502	0.0914	5.4416
Total		**16.0935**	**7.3368**	**97.2191**	**0.1566**	**20.0805**	**0.2608**	**20.3412**	**5.3502**	**0.2539**	**5.6041**

PA3 - Rehab Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		2.4935	0.0987	8.5575	4.50E-04		0.0476	0.0476		0.0476	0.0476
Energy		0.0222	0.1893	0.0805	1.21E-03		0.0153	0.0153		0.0153	0.0153
Mobile		0.961	0.9295	9.2795	0.0202	2.66	0.0126	2.6726	0.7087	0.0117	0.7205
Total		**3.4766**	**1.2174**	**17.9175**	**0.0219**	**2.66**	**0.0755**	**2.7355**	**0.7087**	**0.0746**	**0.7834**

Existing Winter

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		11.4762	0.4553	39.4781	2.08E-03		0.2181	0.2181		0.2181	0.2181
Energy		0.1018	0.8699	0.3702	5.55E-03		0.0703	0.0703		0.0703	0.0703
Mobile		6.5201	8.0923	66.9264	0.1405	14.44	0.1216	14.5616	3.8463	0.1133	3.9596
Total		**18.0982**	**9.4175**	**106.7746**	**0.1481**	**14.44**	**0.41**	**14.8501**	**3.8463**	**0.4018**	**4.2481**

One San Pedro Specific Plan
Mitigated Operational Criteria Pollutant Summary - Partial Preservation
Summer

Harbor Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		1.5408	0.0446	3.8739	2.00E-04		0.0215	0.0215		0.0215	0.0215
Energy		0	0	0	0		0	0		0	0
Mobile		0.658	0.5593	5.503	0.0113	1.2022	8.39E-03	1.2106	0.3203	7.78E-03	0.328
Total		**2.1987**	**0.6039**	**9.3769**	**0.0115**	**1.2022**	**0.0299**	**1.2321**	**0.3203**	**0.0293**	**0.3495**

PA1 - Rebuild Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		9.4309	0.3347	29.069	1.54E-03		0.1612	0.1612		0.1612	0.1612
Energy		7.82E-03	0.0711	0.0598	4.30E-04		5.41E-03	5.41E-03		5.41E-03	5.41E-03
Mobile		7.8655	7.5727	78.4689	0.1793	20.4721	0.1228	20.5949	5.4539	0.114	5.5679
Total		**17.3042**	**7.9786**	**107.5977**	**0.1813**	**20.4721**	**0.2894**	**20.7614**	**5.4539**	**0.2806**	**5.7345**

One San Pedro Specific Plan
Mitigated Operational Criteria Pollutant Summary - Partial Preservation
Summer

PA1 - Rehab Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		1.7272	0.0684	5.9345	3.10E-04		0.0329	0.0329		0.0329	0.0329
Energy		0.0153	0.131	0.0558	8.40E-04		0.0106	0.0106		0.0106	0.0106
Mobile		0.7434	0.6967	7.1762	0.0162	1.8411	0.0111	1.8522	0.4905	0.0104	0.5008
Total		**2.486**	**0.8961**	**13.1664**	**0.0173**	**1.8411**	**0.0547**	**1.8957**	**0.4905**	**0.0539**	**0.5443**

PA2 - Rebuild Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		6.1075	0.2166	18.7969	1.00E-03		0.1044	0.1044		0.1044	0.1044
Energy		5.10E-03	0.0464	0.0389	2.80E-04		3.52E-03	3.52E-03		3.52E-03	3.52E-03
Mobile		4.8971	4.3808	47.2153	0.107	13.2866	0.0657	13.3523	3.5401	0.0611	3.6012
Total		**11.0097**	**4.6438**	**66.0511**	**0.1083**	**13.2866**	**0.1737**	**13.4603**	**3.5401**	**0.1691**	**3.7091**

PA2 - Rehab Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		2.5894	0.1025	8.8866	4.70E-04		0.0494	0.0494		0.0494	0.0494
Energy		0.023	0.1966	0.0836	1.25E-03		0.0159	0.0159		0.0159	0.0159
Mobile		1.0499	0.9439	10.0346	0.0227	2.7621	0.0143	2.7764	0.7359	0.0133	0.7492
Total		**3.6622**	**1.2429**	**19.0048**	**0.0244**	**2.7621**	**0.0796**	**2.8417**	**0.7359**	**0.0786**	**0.8145**

One San Pedro Specific Plan
Mitigated Operational Criteria Pollutant Summary - Partial Preservation
Summer

PA3 - Rebuild Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		9.2081	0.3259	28.2779	1.50E-03		0.1571	0.1571		0.1571	0.1571
Energy		7.82E-03	0.0711	0.0598	4.30E-04		5.41E-03	5.41E-03		5.41E-03	5.41E-03
Mobile		6.9929	6.4367	69.9216	0.1613	20.0805	0.0982	20.1787	5.3502	0.0913	5.4416
Total		**16.2088**	**6.8337**	**98.2592**	**0.1633**	**20.0805**	**0.2607**	**20.3412**	**5.3502**	**0.2539**	**5.6041**

PA3 - Rehab Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		2.4935	0.0987	8.5575	4.50E-04		0.0476	0.0476		0.0476	0.0476
Energy		0.0222	0.1893	0.0805	1.21E-03		0.0153	0.0153		0.0153	0.0153
Mobile		0.9806	0.862	9.3626	0.0211	2.66	0.0126	2.6726	0.7087	0.0117	0.7205
Total		**3.4962**	**1.1499**	**18.0006**	**0.0228**	**2.66**	**0.0755**	**2.7355**	**0.7087**	**0.0746**	**0.7833**

Existing Summer

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category		lb/day									
Area		11.4762	0.4553	39.4781	2.08E-03		0.2181	0.2181		0.2181	0.2181
Energy		0.1018	0.8699	0.3702	5.55E-03		0.0703	0.0703		0.0703	0.0703
Mobile		6.6366	7.5101	68.7325	0.1469	14.44	0.1215	14.5616	3.8463	0.1132	3.9595
Total		**18.2146**	**8.8353**	**108.5808**	**0.1545**	**14.44**	**0.41**	**14.85**	**3.8463**	**0.4017**	**4.248**

One San Pedro Specific Plan
Annual Mitigated Construction Emissions Summary - Historic Preservation Alternative

Maximum Annual Emissions by Phase

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Harbor	1.61E-01	2.06E-01	9.76E-01	1.91E-03	6.10E-02	3.49E-03	6.45E-02	1.63E-02	3.46E-03	1.98E-02
Phase 1	3.71E-01	6.90E-01	3.40E+00	6.65E-03	1.87E-01	8.67E-03	1.96E-01	5.01E-02	8.57E-03	5.86E-02
Phase 2	4.49E-01	6.82E-01	3.41E+00	6.62E-03	1.77E-01	8.67E-03	1.85E-01	4.72E-02	8.59E-03	5.58E-02
Phase 3	4.12E-01	5.86E-01	2.93E+00	5.62E-03	1.72E-01	7.47E-03	1.80E-01	4.47E-02	7.40E-03	5.21E-02

Harbor - Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
2023	0.0303	0.1978	0.939	1.78E-03	0.0486	2.71E-03	0.0514	0.0127	2.69E-03	0.0153
2024	0.1611	0.2061	0.9762	1.91E-03	0.061	3.49E-03	0.0645	0.0163	3.46E-03	0.0198
2025	0.0295	7.10E-03	0.0417	9.00E-05	1.57E-03	2.90E-04	1.86E-03	4.20E-04	2.80E-04	7.00E-04
Max	**1.61E-01**	**2.06E-01**	**9.76E-01**	**1.91E-03**	**6.10E-02**	**3.49E-03**	**6.45E-02**	**1.63E-02**	**3.46E-03**	**1.98E-02**

Max year 2024

Phase 1 - Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
2024	0.0919	0.5942	3.2042	5.78E-03	0.1347	8.01E-03	0.1427	0.0348	7.94E-03	0.0428
2025	0.2994	0.69	3.3953	6.65E-03	0.1873	8.67E-03	0.196	0.0501	8.57E-03	0.0586
2026	0.3708	0.4444	2.4505	4.80E-03	0.1259	6.11E-03	0.132	0.0336	6.04E-03	0.0397
Max	**3.71E-01**	**6.90E-01**	**3.40E+00**	**6.65E-03**	**1.87E-01**	**8.67E-03**	**1.96E-01**	**5.01E-02**	**8.57E-03**	**5.86E-02**

Phase 2 - Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
2026	0.0367	0.247	1.4328	2.49E-03	0.0523	3.54E-03	0.0558	0.0129	3.52E-03	0.0164
2027	0.4486	0.6815	3.4126	6.62E-03	0.1766	8.67E-03	0.1853	0.0472	8.59E-03	0.0558
2028	0.1197	0.0924	0.523	1.01E-03	0.0251	1.29E-03	0.0264	6.70E-03	1.28E-03	7.98E-03
Max	**4.49E-01**	**6.82E-01**	**3.41E+00**	**6.62E-03**	**1.77E-01**	**8.67E-03**	**1.85E-01**	**4.72E-02**	**8.59E-03**	**5.58E-02**

Phase 3 - Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
2028	0.2667	0.5864	2.9261	5.62E-03	0.1724	7.47E-03	0.1798	0.0447	7.40E-03	0.0521
2029	0.4118	0.2068	1.1082	2.23E-03	0.0693	2.77E-03	0.0721	0.0185	2.74E-03	0.0213
Max	**4.12E-01**	**5.86E-01**	**2.93E+00**	**5.62E-03**	**1.72E-01**	**7.47E-03**	**1.80E-01**	**4.47E-02**	**7.40E-03**	**5.21E-02**

One San Pedro Specific Plan
Annual Mitigated Operaitonal Emissions Summary - Historic Preservation

Total Annual Operational Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	2.30	0.06	5.42	0.00	0.00	0.03	0.03	0.00	0.03	0.03
Energy	0.02	0.16	0.07	0.00	0.00	0.01	0.01	0.00	0.01	0.01
Mobile	1.28	1.61	13.31	0.03	2.79	0.02	2.82	0.74	0.02	0.77
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	3.60	1.83	18.80	0.03	2.79	0.07	2.86	0.74	0.06	0.81

Harbor - Operation

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	0.2745	5.58E-03	0.4842	3.00E-05		2.69E-03	2.69E-03		2.69E-03	2.69E-03
Energy	0	0	0	0		0	0		0	0
Mobile	0.1141	0.1109	1.0062	1.99E-03	0.2145	1.52E-03	0.2161	0.0572	1.42E-03	0.0587
Waste						0	0		0	0
Water						0	0		0	0
Total	**3.89E-01**	**1.16E-01**	**1.49E+00**	**2.02E-03**	**2.15E-01**	**4.21E-03**	**2.19E-01**	**5.72E-02**	**4.11E-03**	**6.14E-02**

Existing - Operation

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	2.0259	0.0569	4.9348	2.60E-04		0.0273	0.0273		0.0273	0.0273
Energy	0.0186	0.1588	0.0676	1.01E-03		0.0128	0.0128		0.0128	0.0128
Mobile	1.1663	1.4954	12.3042	0.0259	2.5768	0.0221	2.5989	0.6875	0.0206	0.708
Waste						0	0		0	0
Water						0	0		0	0
Total	**3.21E+00**	**1.71E+00**	**1.73E+01**	**2.72E-02**	**2.58E+00**	**6.22E-02**	**2.64E+00**	**6.88E-01**	**6.07E-02**	**7.48E-01**

Tier 4	Electric

Number of pieces of equipme

Equipment	Demolition	Building Construction
Aerial Lifts		
Backhoes	4	
Bore/Drill Rigs		
Cement and Mortar Mixers		2
Concrete/Industrial Saws	2	
Compactors		
Compressors		2
Cranes		2
Crawler Tractors		
Crushing/Processing Equipment		
Dozers		
Dumpers/Tenders		
Excavators	4	
Forklifts		
Generators	2	
Graders		
Loaders, Front End		
Loaders, Rubber Tired	2	
Off-Highway Tractors		
Off-Highway Trucks		
Pavers		
Paving Equipment		
Pressure Washers		
Pumps		
Rollers		
Rough Terrain Forklifts		2
Scraper		
Signal Boards		
Skid Steer Loaders		
Surfacing Equipment		
Sweepers/Scrubbers	2	2
Tractors		
Trenchers		
Welders		
	16	10

nt

Architectural Coating
6
3
3
12

Tier 4	Electric

Numbers provided below are from the proposed project. Please update if changes are needed for equipment list for the rehabilitation portion of the Partial Preservation Alternative will be the sar

Equipment	Demolition	Site Preparation	Grading	Utilities Trenching
Aerial Lifts				
Backhoes	4		2	4
Bore/Drill Rigs				
Cement and Mortar Mixers				
Concrete/Industrial Saws	2			2
Compactors			2	
Compressors			4	2
Cranes				
Crawler Tractors				
Crushing/Processing Equipment				
Dozers				
Dumpers/Tenders				
Excavators	4		4	2
Forklifts				
Generators	2		2	2
Graders				
Loaders, Front End				
Loaders, Rubber Tired	2			4
Off-Highway Tractors				
Off-Highway Trucks				
Pavers				
Paving Equipment				2
Pressure Washers				
Pumps			2	
Rollers				2
Rough Terrain Forklifts			2	
Scraper			1	
Signal Boards				4
Skid Steer Loaders				
Surfacing Equipment				2
Sweepers/Scrubbers	2		2	2
Tractors			4	
Trenchers		2		
Welders			4	
	16	2	29	28

· the Rebuild portion of the Partial Preservation Alterntive. We assume that the
me as the Historic Preservation Alternative. OSP updated equipment numbers

Building Construction	Paving	Architectural Coating
2		6
	2	
2		3
2		
	2	
	2	
	2	
		3
	2	
2		
	2	
2	2	
10	14	12

OSP Alternatives
Construction Data Needs - Historical Rehabilitation

Yellow highlights are data we need confirmed/updated

Project Schedule:

Construction	Monday thru Friday	7:00 am to 3:30 pm	Occassionaly Saturday or later day work

Note: If each phase schedule is not known, we can infer from defaults. We need a Start and End date or number of months/weeks of construction per phase at a minimum. We assume 327 Harbor construction details will be the same as the proposed project. OSP iupdated the total days, please adjust start and end dates to coincide.

	Phase Name	Start Date	End Date	Days/Week	Total Days	Total Days
Phase 1		**1/1/2024**	**12/21/2030**	**5**		
	Demolition	1/1/2024	6/17/24	5	49	(Internal rehab debris)
	Building Construction	8/15/2025	15/2025	5	558	
	Architectural Coating	4/19/2028	12/20/2030	5	279	
Phase 2		**1/1/2031**	**12/21/2035**	**5**		
	Demolition	1/1/2031	4/16/31	5	31	(Internal rehab debris)
	Building Construction	1/8/2032	5/21/35	5	351	
	Architectural Coating	4/18/2034	12/21/2035	5	176	
	Phase Name	**Start Date**	**End Date**	**Days/Week**	**Total Days**	
Phase 3		**3/1/2034**	**12/21/2037**	**5**		
	Demolition	3/1/2034	5/19/34	5	23	(Internal rehab debris)
	Building Construction	12/8/2034	7/6/37	5	269	
	Architectural Coating	9/5/2036	12/21/2037	5	134	

Offroad Equipment Equipent list needed, please fill in on Historic Preservation Equipment Tab.

	Import (Cys)	Export (CY)	Export/acre
Additional Site - 327 Harbor		4,481	Assumes no change from proposed project
Phase 1		0	We assume no Hauling for soils, but want to confirm.
Phase 2		0	We assume no Hauling for soils, but want to confirm.
Phase 3		0	We assume no Hauling for soils, but want to confirm.

Demolition **Square Footage to be demolished (Interior Area to be removed). We have assumed 15% of existing building square footage would be removed in the below columns. Please confirm assumption or provide new values.**

	# Units	Sqft Demo	sqft/unit	
Total	478	500,303	900	18192.836
Phase 1	156	21,060		

OSP Alternatives

Construction Data Needs - Historical Rehabilitation

Phase 2	144	19,440
Phase 3	178	24,030

Note: Demolition in this case refers to the debris from remodeling the interior of the buildings.

OSP Alternatives
Construction Data Needs - Partial Preservation

Data from the original project analysis that needs updating highlighted in Yellow.

Project Schedule:

Construction	Monday thru Friday	7:00 am to 3:30 pm	Occassionaly Saturday or later day work

Note: If each phase schedule is not known, we can infer from defaults. We need a Start and End date or number of months/weeks of construction per phase at a minimum. We assume 327 Harbor construction details will be the same as the proposed project. OSP updated the total days, please adjust start and end dates to coincide.

Phase Name	Start Date	End Date	Days/Week	Total Days	Total Days
Phase 1 (Rehabilitation)	**1/1/2024**	**12/21/2030**	**5**		
Demolition	1/1/2024	6/17/24	5	36	60
Building Construction	8/15/2025	15/2025	5	698	
Architectural Coating	4/19/2028	12/20/2030	5	349	
Phase 1 (Full Rebuild)	**1/1/2024**	**12/21/2030**	**5**		
Demolition	1/1/2024	6/17/24	5	85	
Site Prep	6/18/2024	9/10/24	5	30	
Grading	9/10/2024	2/26/25	5	61	
Utilities Trenching	2/27/2025	8/14/25	5	61	
Building Construction	8/15/2025	15/2025	5	698	
Paving	8/15/2025	9/11/25	5	10	
Architectural Coating	4/19/2028	12/20/2030	5	349	
Phase 2 (Rehabilitation)	**1/1/2031**	**12/21/2035**	**5**		
Demolition	1/1/2031	4/16/31	5	46	
Building Construction	1/8/2032	5/21/35	5	527	
Architectural Coating	4/18/2034	12/21/2035	5	263	
Phase 2 (Full Rebuild)	**1/1/2031**	**12/21/2035**	**5**		
Demolition	1/1/2031	4/16/31	5	31	
Site Prep	4/17/2031	6/9/31	5	15	
Grading	6/10/2031	9/23/31	5	31	
Utilities Trenching	9/24/2031	1/7/32	5	31	
Building Construction	1/8/2032	5/21/35	5	351	
Paving	1/8/2032	2/4/32	5	8	
Architectural Coating	4/18/2034	12/21/2035	5	176	

OSP Alternatives
Construction Data Needs - Partial Preservation

Phase Name	Start Date	End Date	Days/Week	Total Days
Phase 3 (Rehabilitation)	**3/1/2034**	**12/21/2037**	**5**	
Demolition	3/1/2034	5/19/34	5	35
Building Construction	12/8/2034	7/6/37	5	403
Architectural Coating	9/5/2036	12/21/2037	5	202
Phase 3 (Full Rebuild)	**3/1/2034**	**12/21/2037**	**5**	
Demolition	3/1/2034	5/19/34	5	23
Site Prep	5/20/2034	6/26/34	5	12
Grading	6/30/2034	9/19/34	5	23
Utilities Trenching	9/19/2034	12/7/34	5	23
Building Construction	12/8/2034	7/6/37	5	269
Paving	12/8/2034	1/4/35	5	8
Architectural Coating	9/5/2036	12/21/2037	5	134

Offroad Equipment

Assumes Rehab equipment would be the same as the Historic Preservation Alternative. For the portions of the site that are demolished and redeveloped, we can assume the construction would be the same as the proposed project. Please update equipment as appropriate under the Partial Preservation Equipment tab.

Soil Import/Export

Please provide soil import export for the portions of the site to be redeveloped

	Import (Cys)	Export (CY)	
Grading			
Additional Site - 327 Harbor		4,481	Assumes no change from proposed project
Phase 1 - Rehab		0	Assumes No Hauling for Soils, but want to confirm.
Phase 1 - Rebuild		35,540	value is from the proposed project, needs to be updated
Phase 2 - Rehab		0	Assumes No Hauling for Soils, but want to confirm.
Phase 2 - Rebuild		50,170	value is from the proposed project, needs to be updated
Phase 3 - Rehab		0	Assumes No Hauling for Soils, but want to confirm.
Phase 3 - Rebuild		68,486	value is from the proposed project, needs to be updated

Demolition

For the buildings to be remodeled, we will assume 75% of existing building square footage will be removed for the rehab structures if this information is not known.

OSP assumed 15%

	# Units	Sqft Demo	sqft/unit
Total	478	500,303	900

OSP Alternatives
Construction Data Needs - Partial Preservation

Phase 1 (Rehab)	72	9,720	284	preserved
Phase 1 (Rebuild)	84	75,600		
Phase 2 (Rehab)	108	14,580		
Phase 2 (Rebuild)	36	32,400		
Phase 3 (Rehab)	104	14,040		
Phase 3 (Rebuild)	74	66,600		

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OSP - 327 Harbor Mitigation

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	49.00	Dwelling Unit	0.58	49,000.00	140

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see assumptions

Construction Phase - 22

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - s assumptions

Off-road Equipment - see assumptions

Off-road Equipment - s

Off-road Equipment - See Assumptions

Trips and VMT - see assumptions

Grading - See Assumptions

Vehicle Trips - Operation modeled separately

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Vehicle Emission Factors - Operational modeled separately

Vehicle Emission Factors - operational modeled separately

Vehicle Emission Factors - operational modeled separately

Woodstoves - Operation modeled separately

Consumer Products - Operation modeled separately

Area Coating - Operation modeled separately

Energy Use - Operation modeled separately

Water And Wastewater - Operation modeled separately

Solid Waste - Operation modeled separately

Construction Off-road Equipment Mitigation - See assumptions - Tier 4 is project statndard for >50 hp. Alternative (electric) fuel is project standard for <50 hp

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	1.00	9.00
tblConstructionPhase	NumDays	2.00	9.00
tblConstructionPhase	NumDays	100.00	451.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstructionPhase	NumDays	5.00	225.00
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	NT24E	3,054.10	0.00
tblEnergyUse	NT24NG	4,831.00	0.00
tblEnergyUse	T24E	35.05	0.00
tblEnergyUse	T24NG	4,179.80	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	41.65	0.00
tblFireplaces	NumberNoFireplace	4.90	0.00
tblFireplaces	NumberWood	2.45	0.00
tblGrading	MaterialExported	0.00	4,481.00
tblLandUse	LotAcreage	1.29	0.58
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblSolidWaste	SolidWasteGenerationRate	22.54	0.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	560.00	280.00
tblTripsAndVMT	WorkerTripNumber	35.00	33.00
tblVehicleEF	LDA	0.56	0.56
tblVehicleEF	LDA	1.81	1.80

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	LDA	248.28	238.95
tblVehicleEF	LDA	48.72	46.88
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.14	0.14
tblVehicleEF	LDA	1.5160e-003	1.5030e-003
tblVehicleEF	LDA	1.5800e-003	1.5660e-003
tblVehicleEF	LDA	1.3960e-003	1.3840e-003
tblVehicleEF	LDA	1.4530e-003	1.4400e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	6.9360e-003	6.9230e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.16	0.16
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.17
tblVehicleEF	LDA	0.62	0.61
tblVehicleEF	LDA	1.55	1.53
tblVehicleEF	LDA	259.54	249.77
tblVehicleEF	LDA	48.23	46.40
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.13	0.13
tblVehicleEF	LDA	1.5160e-003	1.5030e-003
tblVehicleEF	LDA	1.5800e-003	1.5660e-003
tblVehicleEF	LDA	1.3960e-003	1.3840e-003

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	LDA	1.4530e-003	1.4400e-003
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	7.3710e-003	7.3570e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.14	0.14
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.15	0.15
tblVehicleEF	LDA	0.54	0.53
tblVehicleEF	LDA	1.87	1.85
tblVehicleEF	LDA	244.18	235.00
tblVehicleEF	LDA	48.83	46.98
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.14	0.14
tblVehicleEF	LDA	1.5160e-003	1.5030e-003
tblVehicleEF	LDA	1.5800e-003	1.5660e-003
tblVehicleEF	LDA	1.3960e-003	1.3840e-003
tblVehicleEF	LDA	1.4530e-003	1.4400e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	6.7960e-003	6.7830e-003
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.16	0.16

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	9.8730e-003	9.8530e-003
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.17	0.17
tblVehicleEF	LDT1	0.99	0.98
tblVehicleEF	LDT1	1.95	1.93
tblVehicleEF	LDT1	296.26	285.04
tblVehicleEF	LDT1	58.46	56.24
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	2.0450e-003	2.0260e-003
tblVehicleEF	LDT1	2.0340e-003	2.0150e-003
tblVehicleEF	LDT1	1.8810e-003	1.8640e-003
tblVehicleEF	LDT1	1.8700e-003	1.8530e-003
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.23	0.23
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.26	0.26
tblVehicleEF	LDT1	1.08	1.07

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	LDT1	1.66	1.65
tblVehicleEF	LDT1	307.66	296.00
tblVehicleEF	LDT1	57.90	55.70
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.18	0.18
tblVehicleEF	LDT1	2.0450e-003	2.0260e-003
tblVehicleEF	LDT1	2.0340e-003	2.0150e-003
tblVehicleEF	LDT1	1.8810e-003	1.8640e-003
tblVehicleEF	LDT1	1.8700e-003	1.8530e-003
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.21	0.21
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.23	0.23
tblVehicleEF	LDT1	0.95	0.95
tblVehicleEF	LDT1	2.01	2.00
tblVehicleEF	LDT1	292.09	281.02
tblVehicleEF	LDT1	58.58	56.36
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	2.0450e-003	2.0260e-003
tblVehicleEF	LDT1	2.0340e-003	2.0150e-003

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	LDT1	1.8810e-003	1.8640e-003
tblVehicleEF	LDT1	1.8700e-003	1.8530e-003
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.16	0.16
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.24	0.24
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.16	0.16
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.26	0.26
tblVehicleEF	LDT2	0.78	0.77
tblVehicleEF	LDT2	2.30	2.29
tblVehicleEF	LDT2	307.36	295.80
tblVehicleEF	LDT2	61.00	58.69
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	1.6450e-003	1.6310e-003
tblVehicleEF	LDT2	1.6500e-003	1.6350e-003
tblVehicleEF	LDT2	1.5140e-003	1.5010e-003
tblVehicleEF	LDT2	1.5170e-003	1.5030e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.10	0.10
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.05

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tblVehicleEF	LDT2	0.22	0.22
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.10	0.10
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.24	0.24
tblVehicleEF	LDT2	0.86	0.85
tblVehicleEF	LDT2	1.97	1.95
tblVehicleEF	LDT2	318.10	306.13
tblVehicleEF	LDT2	60.36	58.07
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	1.6450e-003	1.6310e-003
tblVehicleEF	LDT2	1.6500e-003	1.6350e-003
tblVehicleEF	LDT2	1.5140e-003	1.5010e-003
tblVehicleEF	LDT2	1.5170e-003	1.5030e-003
tblVehicleEF	LDT2	0.10	0.10
tblVehicleEF	LDT2	0.10	0.10
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	0.10	0.10
tblVehicleEF	LDT2	0.10	0.10
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.22	0.22

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	LDT2	0.75	0.75
tblVehicleEF	LDT2	2.38	2.36
tblVehicleEF	LDT2	303.43	292.01
tblVehicleEF	LDT2	61.14	58.82
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	1.6450e-003	1.6310e-003
tblVehicleEF	LDT2	1.6500e-003	1.6350e-003
tblVehicleEF	LDT2	1.5140e-003	1.5010e-003
tblVehicleEF	LDT2	1.5170e-003	1.5030e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.11	0.11
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.23	0.23
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.11	0.11
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.25	0.25
tblVehicleEF	MDV	0.84	0.84
tblVehicleEF	MDV	2.49	2.47
tblVehicleEF	MDV	377.82	363.86
tblVehicleEF	MDV	73.77	70.98
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.23	0.23
tblVehicleEF	MDV	1.6900e-003	1.6760e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	MDV	1.6670e-003	1.6520e-003
tblVehicleEF	MDV	1.5580e-003	1.5440e-003
tblVehicleEF	MDV	1.5330e-003	1.5190e-003
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.26	0.26
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.29	0.29
tblVehicleEF	MDV	0.92	0.92
tblVehicleEF	MDV	2.12	2.10
tblVehicleEF	MDV	388.92	374.54
tblVehicleEF	MDV	73.07	70.30
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	1.6900e-003	1.6760e-003
tblVehicleEF	MDV	1.6670e-003	1.6520e-003
tblVehicleEF	MDV	1.5580e-003	1.5440e-003
tblVehicleEF	MDV	1.5330e-003	1.5190e-003
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.12	0.12
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.02	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.23	0.23
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.12	0.12
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.26	0.26
tblVehicleEF	MDV	0.81	0.81
tblVehicleEF	MDV	2.57	2.55
tblVehicleEF	MDV	373.76	359.95
tblVehicleEF	MDV	73.93	71.13
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.23	0.23
tblVehicleEF	MDV	1.6900e-003	1.6760e-003
tblVehicleEF	MDV	1.6670e-003	1.6520e-003
tblVehicleEF	MDV	1.5580e-003	1.5440e-003
tblVehicleEF	MDV	1.5330e-003	1.5190e-003
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.12	0.12
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.27	0.27
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.12	0.12
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.06

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	MDV	0.29	0.29
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MHD	976.69	976.69
tblVehicleEF	SBUS	348.45	348.45
tblVehicleEF	UBUS	7.5000e-005	7.6000e-005
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblWater	IndoorWaterUseRate	3,192,547.26	0.00
tblWater	OutdoorWaterUseRate	2,012,692.83	0.00
tblWoodstoves	NumberCatalytic	2.45	0.00
tblWoodstoves	NumberNoncatalytic	2.45	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	0.0912	0.8242	0.9475	2.1300e-003	0.0552	0.0341	0.0893	0.0140	0.0320	0.0460	0.0000	188.1082	188.1082	0.0366	5.2700e-003	190.5920
2024	0.2314	0.8311	1.0224	2.1900e-003	0.0608	0.0341	0.0949	0.0162	0.0324	0.0486	0.0000	188.0371	188.0371	0.0330	2.7600e-003	189.6856
2025	0.0351	0.0449	0.0589	1.1000e-004	1.5700e-003	1.9000e-003	3.4700e-003	4.2000e-004	1.9000e-003	2.3200e-003	0.0000	9.0511	9.0511	5.8000e-004	3.0000e-005	9.0740
Maximum	**0.2314**	**0.8311**	**1.0224**	**2.1900e-003**	**0.0608**	**0.0341**	**0.0949**	**0.0162**	**0.0324**	**0.0486**	**0.0000**	**188.1082**	**188.1082**	**0.0366**	**5.2700e-003**	**190.5920**

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	0.0310	0.2296	0.9403	1.9000e-003	0.0525	3.0100e-003	0.0555	0.0137	2.9400e-003	0.0166	0.0000	171.7785	171.7785	0.0353	5.2700e-003	174.2294
2024	0.1583	0.1854	0.9736	1.9100e-003	0.0608	2.4400e-003	0.0632	0.0162	2.4100e-003	0.0187	0.0000	169.6193	169.6193	0.0311	2.7600e-003	171.2200
2025	0.0289	2.9300e-003	0.0418	9.0000e-005	1.5700e-003	9.0000e-005	1.6600e-003	4.2000e-004	9.0000e-005	5.1000e-004	0.0000	7.1722	7.1722	3.8000e-004	3.0000e-005	7.1902
Maximum	**0.1583**	**0.2296**	**0.9736**	**1.9100e-003**	**0.0608**	**3.0100e-003**	**0.0632**	**0.0162**	**2.9400e-003**	**0.0187**	**0.0000**	**171.7785**	**171.7785**	**0.0353**	**5.2700e-003**	**174.2294**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	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	**39.02**	**75.42**	**3.60**	**11.96**	**2.35**	**92.10**	**35.87**	**1.01**	**91.78**	**63.05**	**0.00**	**9.51**	**9.51**	**4.89**	**0.00**	**9.43**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**3-1-2023**	**5-31-2023**	0.4642	0.1337
2	**6-1-2023**	**8-31-2023**	0.1853	0.0508
3	**9-1-2023**	**11-30-2023**	0.1838	0.0508
4	**12-1-2023**	**2-29-2024**	0.1779	0.0507
5	**3-1-2024**	**5-31-2024**	0.2388	0.0750
6	**6-1-2024**	**8-31-2024**	0.3069	0.1014
7	**9-1-2024**	**11-30-2024**	0.3042	0.1009
8	**12-1-2024**	**2-28-2025**	0.1736	0.0634
		Highest	0.4642	0.1337

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	0.1922	5.8200e-003	0.5048	3.0000e-005		2.8000e-003	2.8000e-003		2.8000e-003	2.8000e-003	0.0000	0.8254	0.8254	7.9000e-004	0.0000	0.8452
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	**0.1922**	**5.8200e-003**	**0.5048**	**3.0000e-005**	**0.0000**	**2.8000e-003**	**2.8000e-003**	**0.0000**	**2.8000e-003**	**2.8000e-003**	**0.0000**	**0.8254**	**0.8254**	**7.9000e-004**	**0.0000**	**0.8452**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	0.1922	5.8200e-003	0.5048	3.0000e-005		2.8000e-003	2.8000e-003		2.8000e-003	2.8000e-003	0.0000	0.8254	0.8254	7.9000e-004	0.0000	0.8452
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	**0.1922**	**5.8200e-003**	**0.5048**	**3.0000e-005**	**0.0000**	**2.8000e-003**	**2.8000e-003**	**0.0000**	**2.8000e-003**	**2.8000e-003**	**0.0000**	**0.8254**	**0.8254**	**7.9000e-004**	**0.0000**	**0.8452**

	ROG	NOx	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	3/1/2023	3/13/2023	5	9	
2	Grading	Grading	3/14/2023	3/24/2023	5	9	
3	Utilities Trenching	Trenching	3/25/2023	4/6/2023	5	9	

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4	Building Construction	Building Construction	4/6/2023	12/26/2024	5	451	
5	Paving	Paving	4/6/2023	4/12/2023	5	5	
6	Architectural Coating	Architectural Coating	4/18/2024	2/26/2025	5	225	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 9

Acres of Paving: 0

Residential Indoor: 99,225; Residential Outdoor: 33,075; 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
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site Preparation	Trenchers	1	8.00	78	0.50
Grading	Air Compressors	2	8.00	78	0.48
Grading	Excavators	2	8.00	158	0.38
Grading	Generator Sets	1	8.00	84	0.74
Grading	Graders	0	6.00	187	0.41
Grading	Plate Compactors	1	8.00	8	0.43
Grading	Pumps	1	8.00	84	0.74
Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Grading	Rubber Tired Dozers	0	6.00	247	0.40
Grading	Scrapers	1	8.00	367	0.48
Grading	Sweepers/Scrubbers	1	4.00	64	0.46
Grading	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Welders	2	8.00	46	0.45
Utilities Trenching	Air Compressors	1	8.00	78	0.48
Utilities Trenching	Concrete/Industrial Saws	1	8.00	81	0.73

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Utilities Trenching	Excavators	1	8.00	158	0.38
Utilities Trenching	Generator Sets	1	8.00	84	0.74
Utilities Trenching	Paving Equipment	1	8.00	132	0.36
Utilities Trenching	Rollers	1	8.00	80	0.38
Utilities Trenching	Rubber Tired Loaders	2	8.00	203	0.36
Utilities Trenching	Signal Boards	2	8.00	6	0.82
Utilities Trenching	Surfacing Equipment	1	8.00	263	0.30
Utilities Trenching	Sweepers/Scrubbers	1	4.00	64	0.46
Utilities Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	0	6.00	89	0.20
Building Construction	Plate Compactors	1	8.00	8	0.43
Building Construction	Rough Terrain Forklifts	1	8.00	100	0.40
Building Construction	Sweepers/Scrubbers	1	4.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Paving	Generator Sets	1	8.00	84	0.74
Paving	Pavers	1	7.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	7.00	80	0.38
Paving	Signal Boards	1	8.00	6	0.82
Paving	Sweepers/Scrubbers	4	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48
Architectural Coating	Cement and Mortar Mixers	2	8.00	9	0.56
Architectural Coating	Pressure Washers	1	8.00	13	0.30

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	15	38.00	0.00	280.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Utilities Trenching	14	33.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	35.00	5.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	7.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 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					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	1.5600e-003	0.0146	0.0117	2.0000e-005		1.0100e-003	1.0100e-003		9.3000e-004	9.3000e-004	0.0000	1.3357	1.3357	4.3000e-004	0.0000	1.3465
Total	**1.5600e-003**	**0.0146**	**0.0117**	**2.0000e-005**	**0.0000**	**1.0100e-003**	**1.0100e-003**	**0.0000**	**9.3000e-004**	**9.3000e-004**	**0.0000**	**1.3357**	**1.3357**	**4.3000e-004**	**0.0000**	**1.3465**

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3.2 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-005	3.0000e-005	4.6000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1192	0.1192	0.0000	0.0000	0.1202
Total	**4.0000e-005**	**3.0000e-005**	**4.6000e-004**	**0.0000**	**1.5000e-004**	**0.0000**	**1.5000e-004**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**0.0000**	**0.1192**	**0.1192**	**0.0000**	**0.0000**	**0.1202**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9000e-004	8.0000e-004	0.0115	2.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	1.3357	1.3357	4.3000e-004	0.0000	1.3465
Total	**1.9000e-004**	**8.0000e-004**	**0.0115**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**0.0000**	**1.3357**	**1.3357**	**4.3000e-004**	**0.0000**	**1.3465**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-005	3.0000e-005	4.6000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1192	0.1192	0.0000	0.0000	0.1202
Total	**4.0000e-005**	**3.0000e-005**	**4.6000e-004**	**0.0000**	**1.5000e-004**	**0.0000**	**1.5000e-004**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**0.0000**	**0.1192**	**0.1192**	**0.0000**	**0.0000**	**0.1202**

3.3 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					5.0300e-003	0.0000	5.0300e-003	5.5000e-004	0.0000	5.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0155	0.1337	0.1690	2.9000e-004		6.0600e-003	6.0600e-003		5.7800e-003	5.7800e-003	0.0000	25.1672	25.1672	5.5200e-003	0.0000	25.3052
Total	**0.0155**	**0.1337**	**0.1690**	**2.9000e-004**	**5.0300e-003**	**6.0600e-003**	**0.0111**	**5.5000e-004**	**5.7800e-003**	**6.3300e-003**	**0.0000**	**25.1672**	**25.1672**	**5.5200e-003**	**0.0000**	**25.3052**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 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	5.2000e-004	0.0442	9.0800e-003	2.0000e-004	6.0200e-003	2.9000e-004	6.3000e-003	1.6500e-003	2.7000e-004	1.9300e-003	0.0000	19.8771	19.8771	1.1100e-003	3.1600e-003	20.8457
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	4.3000e-004	5.8400e-003	2.0000e-005	1.8700e-003	1.0000e-005	1.8900e-003	5.0000e-004	1.0000e-005	5.1000e-004	0.0000	1.5102	1.5102	4.0000e-005	4.0000e-005	1.5228
Total	**1.0600e-003**	**0.0447**	**0.0149**	**2.2000e-004**	**7.8900e-003**	**3.0000e-004**	**8.1900e-003**	**2.1500e-003**	**2.8000e-004**	**2.4400e-003**	**0.0000**	**21.3874**	**21.3874**	**1.1500e-003**	**3.2000e-003**	**22.3684**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.2600e-003	0.0000	2.2600e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8400e-003	0.0149	0.1500	2.4000e-004		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	20.7890	20.7890	5.2100e-003	0.0000	20.9192
Total	**2.8400e-003**	**0.0149**	**0.1500**	**2.4000e-004**	**2.2600e-003**	**3.7000e-004**	**2.6300e-003**	**2.5000e-004**	**3.7000e-004**	**6.2000e-004**	**0.0000**	**20.7890**	**20.7890**	**5.2100e-003**	**0.0000**	**20.9192**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 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	5.2000e-004	0.0442	9.0800e-003	2.0000e-004	6.0200e-003	2.9000e-004	6.3000e-003	1.6500e-003	2.7000e-004	1.9300e-003	0.0000	19.8771	19.8771	1.1100e-003	3.1600e-003	20.8457
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	4.3000e-004	5.8400e-003	2.0000e-005	1.8700e-003	1.0000e-005	1.8900e-003	5.0000e-004	1.0000e-005	5.1000e-004	0.0000	1.5102	1.5102	4.0000e-005	4.0000e-005	1.5228
Total	**1.0600e-003**	**0.0447**	**0.0149**	**2.2000e-004**	**7.8900e-003**	**3.0000e-004**	**8.1900e-003**	**2.1500e-003**	**2.8000e-004**	**2.4400e-003**	**0.0000**	**21.3874**	**21.3874**	**1.1500e-003**	**3.2000e-003**	**22.3684**

3.4 Utilities Trenching - 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	0.0119	0.1071	0.1263	2.6000e-004		4.8700e-003	4.8700e-003		4.6200e-003	4.6200e-003	0.0000	22.1678	22.1678	5.3000e-003	0.0000	22.3004
Total	**0.0119**	**0.1071**	**0.1263**	**2.6000e-004**		**4.8700e-003**	**4.8700e-003**		**4.6200e-003**	**4.6200e-003**	**0.0000**	**22.1678**	**22.1678**	**5.3000e-003**	**0.0000**	**22.3004**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Utilities Trenching - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.7000e-004	3.7000e-004	5.0700e-003	1.0000e-005	1.6300e-003	1.0000e-005	1.6400e-003	4.3000e-004	1.0000e-005	4.4000e-004	0.0000	1.3115	1.3115	3.0000e-005	3.0000e-005	1.3224
Total	**4.7000e-004**	**3.7000e-004**	**5.0700e-003**	**1.0000e-005**	**1.6300e-003**	**1.0000e-005**	**1.6400e-003**	**4.3000e-004**	**1.0000e-005**	**4.4000e-004**	**0.0000**	**1.3115**	**1.3115**	**3.0000e-005**	**3.0000e-005**	**1.3224**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.5400e-003	0.0246	0.1276	2.2000e-004		7.0000e-004	7.0000e-004		6.7000e-004	6.7000e-004	0.0000	19.2217	19.2217	5.1500e-003	0.0000	19.3505
Total	**3.5400e-003**	**0.0246**	**0.1276**	**2.2000e-004**		**7.0000e-004**	**7.0000e-004**		**6.7000e-004**	**6.7000e-004**	**0.0000**	**19.2217**	**19.2217**	**5.1500e-003**	**0.0000**	**19.3505**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Utilities Trenching - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.7000e-004	3.7000e-004	5.0700e-003	1.0000e-005	1.6300e-003	1.0000e-005	1.6400e-003	4.3000e-004	1.0000e-005	4.4000e-004	0.0000	1.3115	1.3115	3.0000e-005	3.0000e-005	1.3224
Total	**4.7000e-004**	**3.7000e-004**	**5.0700e-003**	**1.0000e-005**	**1.6300e-003**	**1.0000e-005**	**1.6400e-003**	**4.3000e-004**	**1.0000e-005**	**4.4000e-004**	**0.0000**	**1.3115**	**1.3115**	**3.0000e-005**	**3.0000e-005**	**1.3224**

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	0.0453	0.4588	0.4495	8.4000e-004		0.0195	0.0195		0.0181	0.0181	0.0000	71.5265	71.5265	0.0215	0.0000	72.0642
Total	**0.0453**	**0.4588**	**0.4495**	**8.4000e-004**		**0.0195**	**0.0195**		**0.0181**	**0.0181**	**0.0000**	**71.5265**	**71.5265**	**0.0215**	**0.0000**	**72.0642**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	5.4000e-004	0.0193	7.2400e-003	9.0000e-005	3.0300e-003	9.0000e-005	3.1200e-003	8.7000e-004	9.0000e-005	9.6000e-004	0.0000	8.7275	8.7275	2.9000e-004	1.2600e-003	9.1091
Worker	0.0107	8.4700e-003	0.1148	3.2000e-004	0.0368	2.3000e-004	0.0371	9.7800e-003	2.1000e-004	9.9900e-003	0.0000	29.6747	29.6747	7.8000e-004	7.6000e-004	29.9216
Total	**0.0112**	**0.0278**	**0.1220**	**4.1000e-004**	**0.0399**	**3.2000e-004**	**0.0402**	**0.0107**	**3.0000e-004**	**0.0110**	**0.0000**	**38.4022**	**38.4022**	**1.0700e-003**	**2.0200e-003**	**39.0306**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0105	0.1006	0.4676	7.3000e-004		1.1900e-003	1.1900e-003		1.1900e-003	1.1900e-003	0.0000	64.1242	64.1242	0.0207	0.0000	64.6427
Total	**0.0105**	**0.1006**	**0.4676**	**7.3000e-004**		**1.1900e-003**	**1.1900e-003**		**1.1900e-003**	**1.1900e-003**	**0.0000**	**64.1242**	**64.1242**	**0.0207**	**0.0000**	**64.6427**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	5.4000e-004	0.0193	7.2400e-003	9.0000e-005	3.0300e-003	9.0000e-005	3.1200e-003	8.7000e-004	9.0000e-005	9.6000e-004	0.0000	8.7275	8.7275	2.9000e-004	1.2600e-003	9.1091
Worker	0.0107	8.4700e-003	0.1148	3.2000e-004	0.0368	2.3000e-004	0.0371	9.7800e-003	2.1000e-004	9.9900e-003	0.0000	29.6747	29.6747	7.8000e-004	7.6000e-004	29.9216
Total	**0.0112**	**0.0278**	**0.1220**	**4.1000e-004**	**0.0399**	**3.2000e-004**	**0.0402**	**0.0107**	**3.0000e-004**	**0.0110**	**0.0000**	**38.4022**	**38.4022**	**1.0700e-003**	**2.0200e-003**	**39.0306**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0587	0.5862	0.6027	1.1400e-003		0.0242	0.0242		0.0225	0.0225	0.0000	96.4777	96.4777	0.0290	0.0000	97.2030
Total	**0.0587**	**0.5862**	**0.6027**	**1.1400e-003**		**0.0242**	**0.0242**		**0.0225**	**0.0225**	**0.0000**	**96.4777**	**96.4777**	**0.0290**	**0.0000**	**97.2030**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.1000e-004	0.0262	9.5600e-003	1.2000e-004	4.0800e-003	1.3000e-004	4.2100e-003	1.1800e-003	1.2000e-004	1.3000e-003	0.0000	11.5964	11.5964	4.0000e-004	1.6700e-003	12.1040
Worker	0.0134	0.0102	0.1442	4.2000e-004	0.0497	2.9000e-004	0.0500	0.0132	2.7000e-004	0.0135	0.0000	39.2075	39.2075	9.5000e-004	9.6000e-004	39.5163
Total	**0.0141**	**0.0364**	**0.1538**	**5.4000e-004**	**0.0538**	**4.2000e-004**	**0.0542**	**0.0144**	**3.9000e-004**	**0.0148**	**0.0000**	**50.8038**	**50.8038**	**1.3500e-003**	**2.6300e-003**	**51.6204**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0141	0.1358	0.6307	9.8000e-004		1.6100e-003	1.6100e-003		1.6100e-003	1.6100e-003	0.0000	86.4923	86.4923	0.0280	0.0000	87.1916
Total	**0.0141**	**0.1358**	**0.6307**	**9.8000e-004**		**1.6100e-003**	**1.6100e-003**		**1.6100e-003**	**1.6100e-003**	**0.0000**	**86.4923**	**86.4923**	**0.0280**	**0.0000**	**87.1916**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.1000e-004	0.0262	9.5600e-003	1.2000e-004	4.0800e-003	1.3000e-004	4.2100e-003	1.1800e-003	1.2000e-004	1.3000e-003	0.0000	11.5964	11.5964	4.0000e-004	1.6700e-003	12.1040
Worker	0.0134	0.0102	0.1442	4.2000e-004	0.0497	2.9000e-004	0.0500	0.0132	2.7000e-004	0.0135	0.0000	39.2075	39.2075	9.5000e-004	9.6000e-004	39.5163
Total	**0.0141**	**0.0364**	**0.1538**	**5.4000e-004**	**0.0538**	**4.2000e-004**	**0.0542**	**0.0144**	**3.9000e-004**	**0.0148**	**0.0000**	**50.8038**	**50.8038**	**1.3500e-003**	**2.6300e-003**	**51.6204**

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	4.0100e-003	0.0370	0.0464	7.0000e-005		2.0500e-003	2.0500e-003		1.9200e-003	1.9200e-003	0.0000	6.1386	6.1386	1.5500e-003	0.0000	6.1773
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0100e-003**	**0.0370**	**0.0464**	**7.0000e-005**		**2.0500e-003**	**2.0500e-003**		**1.9200e-003**	**1.9200e-003**	**0.0000**	**6.1386**	**6.1386**	**1.5500e-003**	**0.0000**	**6.1773**

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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	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	1.6000e-004	2.1400e-003	1.0000e-005	6.8000e-004	0.0000	6.9000e-004	1.8000e-004	0.0000	1.9000e-004	0.0000	0.5520	0.5520	1.0000e-005	1.0000e-005	0.5566
Total	**2.0000e-004**	**1.6000e-004**	**2.1400e-003**	**1.0000e-005**	**6.8000e-004**	**0.0000**	**6.9000e-004**	**1.8000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.5520**	**0.5520**	**1.0000e-005**	**1.0000e-005**	**0.5566**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.5000e-004	0.0156	0.0391	5.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	4.5355	4.5355	1.4700e-003	0.0000	4.5722
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.5000e-004**	**0.0156**	**0.0391**	**5.0000e-005**		**8.0000e-005**	**8.0000e-005**		**8.0000e-005**	**8.0000e-005**	**0.0000**	**4.5355**	**4.5355**	**1.4700e-003**	**0.0000**	**4.5722**

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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	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	1.6000e-004	2.1400e-003	1.0000e-005	6.8000e-004	0.0000	6.9000e-004	1.8000e-004	0.0000	1.9000e-004	0.0000	0.5520	0.5520	1.0000e-005	1.0000e-005	0.5566
Total	**2.0000e-004**	**1.6000e-004**	**2.1400e-003**	**1.0000e-005**	**6.8000e-004**	**0.0000**	**6.9000e-004**	**1.8000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.5520**	**0.5520**	**1.0000e-005**	**1.0000e-005**	**0.5566**

3.7 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	0.1254					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0313	0.2071	0.2454	4.5000e-004		9.3800e-003	9.3800e-003		9.3800e-003	9.3800e-003	0.0000	35.1847	35.1847	2.5100e-003	0.0000	35.2476
Total	**0.1567**	**0.2071**	**0.2454**	**4.5000e-004**		**9.3800e-003**	**9.3800e-003**		**9.3800e-003**	**9.3800e-003**	**0.0000**	**35.1847**	**35.1847**	**2.5100e-003**	**0.0000**	**35.2476**

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3.7 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	1.9100e-003	1.4500e-003	0.0205	6.0000e-005	7.0600e-003	4.0000e-005	7.1000e-003	1.8700e-003	4.0000e-005	1.9100e-003	0.0000	5.5708	5.5708	1.4000e-004	1.4000e-004	5.6147
Total	**1.9100e-003**	**1.4500e-003**	**0.0205**	**6.0000e-005**	**7.0600e-003**	**4.0000e-005**	**7.1000e-003**	**1.8700e-003**	**4.0000e-005**	**1.9100e-003**	**0.0000**	**5.5708**	**5.5708**	**1.4000e-004**	**1.4000e-004**	**5.6147**

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					
Archit. Coating	0.1254					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.7300e-003	0.0119	0.1686	3.2000e-004		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	26.7524	26.7524	1.6400e-003	0.0000	26.7934
Total	**0.1281**	**0.0119**	**0.1686**	**3.2000e-004**		**3.6000e-004**	**3.6000e-004**		**3.6000e-004**	**3.6000e-004**	**0.0000**	**26.7524**	**26.7524**	**1.6400e-003**	**0.0000**	**26.7934**

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3.7 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	1.9100e-003	1.4500e-003	0.0205	6.0000e-005	7.0600e-003	4.0000e-005	7.1000e-003	1.8700e-003	4.0000e-005	1.9100e-003	0.0000	5.5708	5.5708	1.4000e-004	1.4000e-004	5.6147
Total	**1.9100e-003**	**1.4500e-003**	**0.0205**	**6.0000e-005**	**7.0600e-003**	**4.0000e-005**	**7.1000e-003**	**1.8700e-003**	**4.0000e-005**	**1.9100e-003**	**0.0000**	**5.5708**	**5.5708**	**1.4000e-004**	**1.4000e-004**	**5.6147**

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	0.0279					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.7700e-003	0.0446	0.0547	1.0000e-004		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003	0.0000	7.8401	7.8401	5.5000e-004	0.0000	7.8538
Total	**0.0347**	**0.0446**	**0.0547**	**1.0000e-004**		**1.8900e-003**	**1.8900e-003**		**1.8900e-003**	**1.8900e-003**	**0.0000**	**7.8401**	**7.8401**	**5.5000e-004**	**0.0000**	**7.8538**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	4.0000e-004	2.9000e-004	4.2600e-003	1.0000e-005	1.5700e-003	1.0000e-005	1.5800e-003	4.2000e-004	1.0000e-005	4.3000e-004	0.0000	1.2111	1.2111	3.0000e-005	3.0000e-005	1.2202
Total	**4.0000e-004**	**2.9000e-004**	**4.2600e-003**	**1.0000e-005**	**1.5700e-003**	**1.0000e-005**	**1.5800e-003**	**4.2000e-004**	**1.0000e-005**	**4.3000e-004**	**0.0000**	**1.2111**	**1.2111**	**3.0000e-005**	**3.0000e-005**	**1.2202**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0279					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.1000e-004	2.6400e-003	0.0376	7.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	5.9611	5.9611	3.5000e-004	0.0000	5.9700
Total	**0.0286**	**2.6400e-003**	**0.0376**	**7.0000e-005**		**8.0000e-005**	**8.0000e-005**		**8.0000e-005**	**8.0000e-005**	**0.0000**	**5.9611**	**5.9611**	**3.5000e-004**	**0.0000**	**5.9700**

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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	4.0000e-004	2.9000e-004	4.2600e-003	1.0000e-005	1.5700e-003	1.0000e-005	1.5800e-003	4.2000e-004	1.0000e-005	4.3000e-004	0.0000	1.2111	1.2111	3.0000e-005	3.0000e-005	1.2202
Total	**4.0000e-004**	**2.9000e-004**	**4.2600e-003**	**1.0000e-005**	**1.5700e-003**	**1.0000e-005**	**1.5800e-003**	**4.2000e-004**	**1.0000e-005**	**4.3000e-004**	**0.0000**	**1.2111**	**1.2111**	**3.0000e-005**	**3.0000e-005**	**1.2202**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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
Apartments Mid Rise	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
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.537891	0.065289	0.189998	0.126515	0.023567	0.006518	0.011114	0.008084	0.000933	0.000591	0.025474	0.000708	0.003318

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	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					
Apartments Mid Rise	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**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	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			
Apartments Mid Rise	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

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1922	5.8200e-003	0.5048	3.0000e-005		2.8000e-003	2.8000e-003		2.8000e-003	2.8000e-003	0.0000	0.8254	0.8254	7.9000e-004	0.0000	0.8452
Unmitigated	0.1922	5.8200e-003	0.5048	3.0000e-005		2.8000e-003	2.8000e-003		2.8000e-003	2.8000e-003	0.0000	0.8254	0.8254	7.9000e-004	0.0000	0.8452

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	0.1771					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0152	5.8200e-003	0.5048	3.0000e-005		2.8000e-003	2.8000e-003		2.8000e-003	2.8000e-003	0.0000	0.8254	0.8254	7.9000e-004	0.0000	0.8452
Total	**0.1922**	**5.8200e-003**	**0.5048**	**3.0000e-005**		**2.8000e-003**	**2.8000e-003**		**2.8000e-003**	**2.8000e-003**	**0.0000**	**0.8254**	**0.8254**	**7.9000e-004**	**0.0000**	**0.8452**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	0.1771					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0152	5.8200e-003	0.5048	3.0000e-005		2.8000e-003	2.8000e-003		2.8000e-003	2.8000e-003	0.0000	0.8254	0.8254	7.9000e-004	0.0000	0.8452
Total	**0.1922**	**5.8200e-003**	**0.5048**	**3.0000e-005**		**2.8000e-003**	**2.8000e-003**		**2.8000e-003**	**2.8000e-003**	**0.0000**	**0.8254**	**0.8254**	**7.9000e-004**	**0.0000**	**0.8452**

7.0 Water Detail

7.1 Mitigation Measures Water

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	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			
Apartments Mid Rise	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			
Apartments Mid Rise	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

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	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			
Apartments Mid Rise	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

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	49.00	Dwelling Unit	0.58	49,000.00	140

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see assumptions

Construction Phase - 22

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - s assumptions

Off-road Equipment - see assumptions

Off-road Equipment - s

Off-road Equipment - See Assumptions

Trips and VMT - see assumptions

Grading - See Assumptions

Vehicle Trips - Operation modeled separately

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Vehicle Emission Factors - Operational modeled separately

Vehicle Emission Factors - operational modeled separately

Vehicle Emission Factors - operational modeled separately

Woodstoves - Operation modeled separately

Consumer Products - Operation modeled separately

Area Coating - Operation modeled separately

Energy Use - Operation modeled separately

Water And Wastewater - Operation modeled separately

Solid Waste - Operation modeled separately

Construction Off-road Equipment Mitigation - See assumptions - Tier 4 is project statndard for >50 hp. Alternative (electric) fuel is project standard for <50 hp

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	1.00	9.00
tblConstructionPhase	NumDays	2.00	9.00
tblConstructionPhase	NumDays	100.00	451.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstructionPhase	NumDays	5.00	225.00
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	NT24E	3,054.10	0.00
tblEnergyUse	NT24NG	4,831.00	0.00
tblEnergyUse	T24E	35.05	0.00
tblEnergyUse	T24NG	4,179.80	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	41.65	0.00
tblFireplaces	NumberNoFireplace	4.90	0.00
tblFireplaces	NumberWood	2.45	0.00
tblGrading	MaterialExported	0.00	4,481.00
tblLandUse	LotAcreage	1.29	0.58
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblSolidWaste	SolidWasteGenerationRate	22.54	0.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	560.00	280.00
tblTripsAndVMT	WorkerTripNumber	35.00	33.00
tblVehicleEF	LDA	0.56	0.56
tblVehicleEF	LDA	1.81	1.80

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	LDA	248.28	238.95
tblVehicleEF	LDA	48.72	46.88
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.14	0.14
tblVehicleEF	LDA	1.5160e-003	1.5030e-003
tblVehicleEF	LDA	1.5800e-003	1.5660e-003
tblVehicleEF	LDA	1.3960e-003	1.3840e-003
tblVehicleEF	LDA	1.4530e-003	1.4400e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	6.9360e-003	6.9230e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.16	0.16
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.17
tblVehicleEF	LDA	0.62	0.61
tblVehicleEF	LDA	1.55	1.53
tblVehicleEF	LDA	259.54	249.77
tblVehicleEF	LDA	48.23	46.40
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.13	0.13
tblVehicleEF	LDA	1.5160e-003	1.5030e-003
tblVehicleEF	LDA	1.5800e-003	1.5660e-003
tblVehicleEF	LDA	1.3960e-003	1.3840e-003

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	LDA	1.4530e-003	1.4400e-003
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	7.3710e-003	7.3570e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.14	0.14
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.15	0.15
tblVehicleEF	LDA	0.54	0.53
tblVehicleEF	LDA	1.87	1.85
tblVehicleEF	LDA	244.18	235.00
tblVehicleEF	LDA	48.83	46.98
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.14	0.14
tblVehicleEF	LDA	1.5160e-003	1.5030e-003
tblVehicleEF	LDA	1.5800e-003	1.5660e-003
tblVehicleEF	LDA	1.3960e-003	1.3840e-003
tblVehicleEF	LDA	1.4530e-003	1.4400e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	6.7960e-003	6.7830e-003
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.16	0.16

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	9.8730e-003	9.8530e-003
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.17	0.17
tblVehicleEF	LDT1	0.99	0.98
tblVehicleEF	LDT1	1.95	1.93
tblVehicleEF	LDT1	296.26	285.04
tblVehicleEF	LDT1	58.46	56.24
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	2.0450e-003	2.0260e-003
tblVehicleEF	LDT1	2.0340e-003	2.0150e-003
tblVehicleEF	LDT1	1.8810e-003	1.8640e-003
tblVehicleEF	LDT1	1.8700e-003	1.8530e-003
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.23	0.23
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.26	0.26
tblVehicleEF	LDT1	1.08	1.07

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	LDT1	1.66	1.65
tblVehicleEF	LDT1	307.66	296.00
tblVehicleEF	LDT1	57.90	55.70
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.18	0.18
tblVehicleEF	LDT1	2.0450e-003	2.0260e-003
tblVehicleEF	LDT1	2.0340e-003	2.0150e-003
tblVehicleEF	LDT1	1.8810e-003	1.8640e-003
tblVehicleEF	LDT1	1.8700e-003	1.8530e-003
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.21	0.21
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.23	0.23
tblVehicleEF	LDT1	0.95	0.95
tblVehicleEF	LDT1	2.01	2.00
tblVehicleEF	LDT1	292.09	281.02
tblVehicleEF	LDT1	58.58	56.36
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	2.0450e-003	2.0260e-003
tblVehicleEF	LDT1	2.0340e-003	2.0150e-003

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	LDT1	1.8810e-003	1.8640e-003
tblVehicleEF	LDT1	1.8700e-003	1.8530e-003
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.16	0.16
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.24	0.24
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.16	0.16
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.26	0.26
tblVehicleEF	LDT2	0.78	0.77
tblVehicleEF	LDT2	2.30	2.29
tblVehicleEF	LDT2	307.36	295.80
tblVehicleEF	LDT2	61.00	58.69
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	1.6450e-003	1.6310e-003
tblVehicleEF	LDT2	1.6500e-003	1.6350e-003
tblVehicleEF	LDT2	1.5140e-003	1.5010e-003
tblVehicleEF	LDT2	1.5170e-003	1.5030e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.10	0.10
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.05

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	LDT2	0.22	0.22
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.10	0.10
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.24	0.24
tblVehicleEF	LDT2	0.86	0.85
tblVehicleEF	LDT2	1.97	1.95
tblVehicleEF	LDT2	318.10	306.13
tblVehicleEF	LDT2	60.36	58.07
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	1.6450e-003	1.6310e-003
tblVehicleEF	LDT2	1.6500e-003	1.6350e-003
tblVehicleEF	LDT2	1.5140e-003	1.5010e-003
tblVehicleEF	LDT2	1.5170e-003	1.5030e-003
tblVehicleEF	LDT2	0.10	0.10
tblVehicleEF	LDT2	0.10	0.10
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	0.10	0.10
tblVehicleEF	LDT2	0.10	0.10
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.22	0.22

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	LDT2	0.75	0.75
tblVehicleEF	LDT2	2.38	2.36
tblVehicleEF	LDT2	303.43	292.01
tblVehicleEF	LDT2	61.14	58.82
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	1.6450e-003	1.6310e-003
tblVehicleEF	LDT2	1.6500e-003	1.6350e-003
tblVehicleEF	LDT2	1.5140e-003	1.5010e-003
tblVehicleEF	LDT2	1.5170e-003	1.5030e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.11	0.11
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.23	0.23
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.11	0.11
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.25	0.25
tblVehicleEF	MDV	0.84	0.84
tblVehicleEF	MDV	2.49	2.47
tblVehicleEF	MDV	377.82	363.86
tblVehicleEF	MDV	73.77	70.98
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.23	0.23
tblVehicleEF	MDV	1.6900e-003	1.6760e-003

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	MDV	1.6670e-003	1.6520e-003
tblVehicleEF	MDV	1.5580e-003	1.5440e-003
tblVehicleEF	MDV	1.5330e-003	1.5190e-003
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.26	0.26
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.29	0.29
tblVehicleEF	MDV	0.92	0.92
tblVehicleEF	MDV	2.12	2.10
tblVehicleEF	MDV	388.92	374.54
tblVehicleEF	MDV	73.07	70.30
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	1.6900e-003	1.6760e-003
tblVehicleEF	MDV	1.6670e-003	1.6520e-003
tblVehicleEF	MDV	1.5580e-003	1.5440e-003
tblVehicleEF	MDV	1.5330e-003	1.5190e-003
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.12	0.12
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.02	0.02

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.23	0.23
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.12	0.12
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.26	0.26
tblVehicleEF	MDV	0.81	0.81
tblVehicleEF	MDV	2.57	2.55
tblVehicleEF	MDV	373.76	359.95
tblVehicleEF	MDV	73.93	71.13
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.23	0.23
tblVehicleEF	MDV	1.6900e-003	1.6760e-003
tblVehicleEF	MDV	1.6670e-003	1.6520e-003
tblVehicleEF	MDV	1.5580e-003	1.5440e-003
tblVehicleEF	MDV	1.5330e-003	1.5190e-003
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.12	0.12
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.27	0.27
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.12	0.12
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.06

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	MDV	0.29	0.29
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MHD	976.69	976.69
tblVehicleEF	SBUS	348.45	348.45
tblVehicleEF	UBUS	7.5000e-005	7.6000e-005
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblWater	IndoorWaterUseRate	3,192,547.26	0.00
tblWater	OutdoorWaterUseRate	2,012,692.83	0.00
tblWoodstoves	NumberCatalytic	2.45	0.00
tblWoodstoves	NumberNoncatalytic	2.45	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	5.0203	43.7927	54.7529	0.1131	2.9020	2.1130	4.3149	0.6086	1.9884	2.2733	0.0000	11,417.8790	11,417.8790	2.2557	0.7819	11,691.7362
2024	2.2873	7.0536	8.8109	0.0187	0.5015	0.2927	0.7942	0.1337	0.2794	0.4132	0.0000	1,757.9622	1,757.9622	0.2900	0.0232	1,772.1291
2025	1.7124	2.1881	2.8860	5.5900e-003	0.0782	0.0928	0.1711	0.0208	0.0928	0.1135	0.0000	489.2938	489.2938	0.0310	1.4000e-003	490.4868
Maximum	**5.0203**	**43.7927**	**54.7529**	**0.1131**	**2.9020**	**2.1130**	**4.3149**	**0.6086**	**1.9884**	**2.2733**	**0.0000**	**11,417.8790**	**11,417.8790**	**2.2557**	**0.7819**	**11,691.7362**

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	1.5773	13.1652	52.3103	0.1010	2.2878	0.2091	2.4360	0.5409	0.2015	0.6862	0.0000	10,345.4096	10,345.4096	2.1732	0.7819	10,617.3603
2024	1.6323	1.4532	8.1924	0.0161	0.5015	0.0201	0.5216	0.1337	0.0198	0.1536	0.0000	1,571.9338	1,571.9338	0.2707	0.0232	1,585.6179
2025	1.4119	0.1413	2.0525	4.1700e-003	0.0782	4.3900e-003	0.0826	0.0208	4.3600e-003	0.0251	0.0000	388.2611	388.2611	0.0205	1.4000e-003	389.1920
Maximum	**1.6323**	**13.1652**	**52.3103**	**0.1010**	**2.2878**	**0.2091**	**2.4360**	**0.5409**	**0.2015**	**0.6862**	**0.0000**	**10,345.4096**	**10,345.4096**	**2.1732**	**0.7819**	**10,617.3603**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	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	**48.76**	**72.17**	**5.86**	**11.79**	**17.64**	**90.65**	**42.42**	**8.87**	**90.44**	**69.11**	**0.00**	**9.95**	**9.95**	**4.36**	**0.00**	**9.76**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	1.0915	0.0465	4.0387	2.1000e-004		0.0224	0.0224		0.0224	0.0224	0.0000	7.2791	7.2791	6.9700e-003	0.0000	7.4533
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	0.0000
Total	**1.0915**	**0.0465**	**4.0387**	**2.1000e-004**	**0.0000**	**0.0224**	**0.0224**	**0.0000**	**0.0224**	**0.0224**	**0.0000**	**7.2791**	**7.2791**	**6.9700e-003**	**0.0000**	**7.4533**

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	1.0915	0.0465	4.0387	2.1000e-004		0.0224	0.0224		0.0224	0.0224	0.0000	7.2791	7.2791	6.9700e-003	0.0000	7.4533
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	0.0000
Total	**1.0915**	**0.0465**	**4.0387**	**2.1000e-004**	**0.0000**	**0.0224**	**0.0224**	**0.0000**	**0.0224**	**0.0224**	**0.0000**	**7.2791**	**7.2791**	**6.9700e-003**	**0.0000**	**7.4533**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	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	3/1/2023	3/13/2023	5	9	
2	Grading	Grading	3/14/2023	3/24/2023	5	9	
3	Utilities Trenching	Trenching	3/25/2023	4/6/2023	5	9	
4	Building Construction	Building Construction	4/6/2023	12/26/2024	5	451	
5	Paving	Paving	4/6/2023	4/12/2023	5	5	
6	Architectural Coating	Architectural Coating	4/18/2024	2/26/2025	5	225	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 9

Acres of Paving: 0

Residential Indoor: 99,225; Residential Outdoor: 33,075; 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
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site Preparation	Trenchers	1	8.00	78	0.50
Grading	Air Compressors	2	8.00	78	0.48
Grading	Excavators	2	8.00	158	0.38

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Grading	Generator Sets	1	8.00	84	0.74
Grading	Graders	0	6.00	187	0.41
Grading	Plate Compactors	1	8.00	8	0.43
Grading	Pumps	1	8.00	84	0.74
Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Grading	Rubber Tired Dozers	0	6.00	247	0.40
Grading	Scrapers	1	8.00	367	0.48
Grading	Sweepers/Scrubbers	1	4.00	64	0.46
Grading	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Welders	2	8.00	46	0.45
Utilities Trenching	Air Compressors	1	8.00	78	0.48
Utilities Trenching	Concrete/Industrial Saws	1	8.00	81	0.73
Utilities Trenching	Excavators	1	8.00	158	0.38
Utilities Trenching	Generator Sets	1	8.00	84	0.74
Utilities Trenching	Paving Equipment	1	8.00	132	0.36
Utilities Trenching	Rollers	1	8.00	80	0.38
Utilities Trenching	Rubber Tired Loaders	2	8.00	203	0.36
Utilities Trenching	Signal Boards	2	8.00	6	0.82
Utilities Trenching	Surfacing Equipment	1	8.00	263	0.30
Utilities Trenching	Sweepers/Scrubbers	1	4.00	64	0.46
Utilities Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	0	6.00	89	0.20
Building Construction	Plate Compactors	1	8.00	8	0.43
Building Construction	Rough Terrain Forklifts	1	8.00	100	0.40
Building Construction	Sweepers/Scrubbers	1	4.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Paving	Cement and Mortar Mixers	0	6.00	9	0.56

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Paving	Generator Sets	1	8.00	84	0.74
Paving	Pavers	1	7.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	7.00	80	0.38
Paving	Signal Boards	1	8.00	6	0.82
Paving	Sweepers/Scrubbers	4	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48
Architectural Coating	Cement and Mortar Mixers	2	8.00	9	0.56
Architectural Coating	Pressure Washers	1	8.00	13	0.30

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	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	15	38.00	0.00	280.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Utilities Trenching	14	33.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	35.00	5.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	7.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3467	3.2332	2.5921	3.3800e-003		0.2243	0.2243		0.2064	0.2064		327.1999	327.1999	0.1058		329.8454
Total	**0.3467**	**3.2332**	**2.5921**	**3.3800e-003**	**0.0000**	**0.2243**	**0.2243**	**0.0000**	**0.2064**	**0.2064**		**327.1999**	**327.1999**	**0.1058**		**329.8454**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6100e-003	6.7000e-003	0.1087	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		30.3784	30.3784	7.6000e-004	6.9000e-004	30.6036
Total	**9.6100e-003**	**6.7000e-003**	**0.1087**	**3.0000e-004**	**0.0335**	**2.0000e-004**	**0.0337**	**8.8900e-003**	**1.9000e-004**	**9.0800e-003**		**30.3784**	**30.3784**	**7.6000e-004**	**6.9000e-004**	**30.6036**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0413	0.1788	2.5450	3.3800e-003		5.5000e-003	5.5000e-003		5.5000e-003	5.5000e-003	0.0000	327.1999	327.1999	0.1058		329.8454
Total	**0.0413**	**0.1788**	**2.5450**	**3.3800e-003**	**0.0000**	**5.5000e-003**	**5.5000e-003**	**0.0000**	**5.5000e-003**	**5.5000e-003**	**0.0000**	**327.1999**	**327.1999**	**0.1058**		**329.8454**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6100e-003	6.7000e-003	0.1087	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		30.3784	30.3784	7.6000e-004	6.9000e-004	30.6036
Total	**9.6100e-003**	**6.7000e-003**	**0.1087**	**3.0000e-004**	**0.0335**	**2.0000e-004**	**0.0337**	**8.8900e-003**	**1.9000e-004**	**9.0800e-003**		**30.3784**	**30.3784**	**7.6000e-004**	**6.9000e-004**	**30.6036**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 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					1.1168	0.0000	1.1168	0.1230	0.0000	0.1230			0.0000			0.0000
Off-Road	3.4520	29.6996	37.5469	0.0651		1.3468	1.3468		1.2848	1.2848		6,164.9021	6,164.9021	1.3524		6,198.7127
Total	**3.4520**	**29.6996**	**37.5469**	**0.0651**	**1.1168**	**1.3468**	**2.4636**	**0.1230**	**1.2848**	**1.4078**		**6,164.9021**	**6,164.9021**	**1.3524**		**6,198.7127**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1184	9.3092	2.0135	0.0443	1.3604	0.0635	1.4240	0.3729	0.0608	0.4337		4,868.1840	4,868.1840	0.2717	0.7732	5,105.3775
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1217	0.0848	1.3770	3.7600e-003	0.4248	2.5600e-003	0.4273	0.1127	2.3600e-003	0.1150		384.7929	384.7929	9.5800e-003	8.7700e-003	387.6459
Total	**0.2401**	**9.3941**	**3.3905**	**0.0480**	**1.7852**	**0.0661**	**1.8513**	**0.4856**	**0.0632**	**0.5487**		**5,252.9769**	**5,252.9769**	**0.2813**	**0.7819**	**5,493.0235**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.5026	0.0000	0.5026	0.0554	0.0000	0.0554			0.0000			0.0000
Off-Road	0.6317	3.3137	33.3329	0.0529		0.0822	0.0822		0.0822	0.0822	0.0000	5,092.4327	5,092.4327	1.2762		5,124.3368
Total	**0.6317**	**3.3137**	**33.3329**	**0.0529**	**0.5026**	**0.0822**	**0.5847**	**0.0554**	**0.0822**	**0.1375**	**0.0000**	**5,092.4327**	**5,092.4327**	**1.2762**		**5,124.3368**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1184	9.3092	2.0135	0.0443	1.3604	0.0635	1.4240	0.3729	0.0608	0.4337		4,868.1840	4,868.1840	0.2717	0.7732	5,105.3775
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1217	0.0848	1.3770	3.7600e-003	0.4248	2.5600e-003	0.4273	0.1127	2.3600e-003	0.1150		384.7929	384.7929	9.5800e-003	8.7700e-003	387.6459
Total	**0.2401**	**9.3941**	**3.3905**	**0.0480**	**1.7852**	**0.0661**	**1.8513**	**0.4856**	**0.0632**	**0.5487**		**5,252.9769**	**5,252.9769**	**0.2813**	**0.7819**	**5,493.0235**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Utilities Trenching - 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	2.6407	23.8046	28.0706	0.0568		1.0825	1.0825		1.0262	1.0262		5,430.1887	5,430.1887	1.2991		5,462.6658
Total	**2.6407**	**23.8046**	**28.0706**	**0.0568**		**1.0825**	**1.0825**		**1.0262**	**1.0262**		**5,430.1887**	**5,430.1887**	**1.2991**		**5,462.6658**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1057	0.0737	1.1958	3.2700e-003	0.3689	2.2300e-003	0.3711	0.0978	2.0500e-003	0.0999		334.1622	334.1622	8.3200e-003	7.6200e-003	336.6399
Total	**0.1057**	**0.0737**	**1.1958**	**3.2700e-003**	**0.3689**	**2.2300e-003**	**0.3711**	**0.0978**	**2.0500e-003**	**0.0999**		**334.1622**	**334.1622**	**8.3200e-003**	**7.6200e-003**	**336.6399**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Utilities Trenching - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7866	5.4676	28.3562	0.0489		0.1556	0.1556		0.1485	0.1485	0.0000	4,708.5270	4,708.5270	1.2614		4,740.0629
Total	**0.7866**	**5.4676**	**28.3562**	**0.0489**		**0.1556**	**0.1556**		**0.1485**	**0.1485**	**0.0000**	**4,708.5270**	**4,708.5270**	**1.2614**		**4,740.0629**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1057	0.0737	1.1958	3.2700e-003	0.3689	2.2300e-003	0.3711	0.0978	2.0500e-003	0.0999		334.1622	334.1622	8.3200e-003	7.6200e-003	336.6399
Total	**0.1057**	**0.0737**	**1.1958**	**3.2700e-003**	**0.3689**	**2.2300e-003**	**0.3711**	**0.0978**	**2.0500e-003**	**0.0999**		**334.1622**	**334.1622**	**8.3200e-003**	**7.6200e-003**	**336.6399**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	0.4714	4.7796	4.6826	8.8000e-003		0.2031	0.2031		0.1888	0.1888		821.2970	821.2970	0.2470		827.4710
Total	**0.4714**	**4.7796**	**4.6826**	**8.8000e-003**		**0.2031**	**0.2031**		**0.1888**	**0.1888**		**821.2970**	**821.2970**	**0.2470**		**827.4710**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.7600e-003	0.1919	0.0744	9.3000e-004	0.0320	9.6000e-004	0.0330	9.2200e-003	9.2000e-004	0.0101		100.1412	100.1412	3.3600e-003	0.0144	104.5156
Worker	0.1121	0.0781	1.2683	3.4600e-003	0.3912	2.3600e-003	0.3936	0.1038	2.1700e-003	0.1059		354.4145	354.4145	8.8300e-003	8.0800e-003	357.0423
Total	**0.1178**	**0.2701**	**1.3427**	**4.3900e-003**	**0.4233**	**3.3200e-003**	**0.4266**	**0.1130**	**3.0900e-003**	**0.1161**		**454.5557**	**454.5557**	**0.0122**	**0.0225**	**461.5579**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1089	1.0484	4.8705	7.6100e-003		0.0125	0.0125		0.0125	0.0125	0.0000	736.3013	736.3013	0.2381		742.2547
Total	**0.1089**	**1.0484**	**4.8705**	**7.6100e-003**		**0.0125**	**0.0125**		**0.0125**	**0.0125**	**0.0000**	**736.3013**	**736.3013**	**0.2381**		**742.2547**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.7600e-003	0.1919	0.0744	9.3000e-004	0.0320	9.6000e-004	0.0330	9.2200e-003	9.2000e-004	0.0101		100.1412	100.1412	3.3600e-003	0.0144	104.5156
Worker	0.1121	0.0781	1.2683	3.4600e-003	0.3912	2.3600e-003	0.3936	0.1038	2.1700e-003	0.1059		354.4145	354.4145	8.8300e-003	8.0800e-003	357.0423
Total	**0.1178**	**0.2701**	**1.3427**	**4.3900e-003**	**0.4233**	**3.3200e-003**	**0.4266**	**0.1130**	**3.0900e-003**	**0.1161**		**454.5557**	**454.5557**	**0.0122**	**0.0225**	**461.5579**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4533	4.5263	4.6540	8.8000e-003		0.1870	0.1870		0.1740	0.1740		821.2238	821.2238	0.2469		827.3972
Total	**0.4533**	**4.5263**	**4.6540**	**8.8000e-003**		**0.1870**	**0.1870**		**0.1740**	**0.1740**		**821.2238**	**821.2238**	**0.2469**		**827.3972**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5800e-003	0.1923	0.0728	9.2000e-004	0.0320	9.7000e-004	0.0330	9.2200e-003	9.3000e-004	0.0102		98.6373	98.6373	3.3700e-003	0.0142	102.9520
Worker	0.1045	0.0698	1.1806	3.3600e-003	0.3912	2.2600e-003	0.3935	0.1038	2.0800e-003	0.1058		347.1086	347.1086	7.9900e-003	7.5100e-003	349.5469
Total	**0.1100**	**0.2621**	**1.2533**	**4.2800e-003**	**0.4233**	**3.2300e-003**	**0.4265**	**0.1130**	**3.0100e-003**	**0.1160**		**445.7459**	**445.7459**	**0.0114**	**0.0217**	**452.4989**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 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	0.1089	1.0484	4.8705	7.6100e-003		0.0125	0.0125		0.0125	0.0125	0.0000	736.2281	736.2281	0.2381		742.1809
Total	**0.1089**	**1.0484**	**4.8705**	**7.6100e-003**		**0.0125**	**0.0125**		**0.0125**	**0.0125**	**0.0000**	**736.2281**	**736.2281**	**0.2381**		**742.1809**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5800e-003	0.1923	0.0728	9.2000e-004	0.0320	9.7000e-004	0.0330	9.2200e-003	9.3000e-004	0.0102		98.6373	98.6373	3.3700e-003	0.0142	102.9520
Worker	0.1045	0.0698	1.1806	3.3600e-003	0.3912	2.2600e-003	0.3935	0.1038	2.0800e-003	0.1058		347.1086	347.1086	7.9900e-003	7.5100e-003	349.5469
Total	**0.1100**	**0.2621**	**1.2533**	**4.2800e-003**	**0.4233**	**3.2300e-003**	**0.4265**	**0.1130**	**3.0100e-003**	**0.1160**		**445.7459**	**445.7459**	**0.0114**	**0.0217**	**452.4989**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	1.6047	14.8090	18.5553	0.0284		0.8202	0.8202		0.7667	0.7667		2,706.6596	2,706.6596	0.6829		2,723.7319
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6047**	**14.8090**	**18.5553**	**0.0284**		**0.8202**	**0.8202**		**0.7667**	**0.7667**		**2,706.6596**	**2,706.6596**	**0.6829**		**2,723.7319**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0801	0.0558	0.9059	2.4700e-003	0.2794	1.6900e-003	0.2811	0.0741	1.5500e-003	0.0757		253.1532	253.1532	6.3000e-003	5.7700e-003	255.0302
Total	**0.0801**	**0.0558**	**0.9059**	**2.4700e-003**	**0.2794**	**1.6900e-003**	**0.2811**	**0.0741**	**1.5500e-003**	**0.0757**		**253.1532**	**253.1532**	**6.3000e-003**	**5.7700e-003**	**255.0302**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Paving - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3782	6.2498	15.6391	0.0207		0.0338	0.0338		0.0338	0.0338	0.0000	1,999.8321	1,999.8321	0.6468		2,016.0017
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3782**	**6.2498**	**15.6391**	**0.0207**		**0.0338**	**0.0338**		**0.0338**	**0.0338**	**0.0000**	**1,999.8321**	**1,999.8321**	**0.6468**		**2,016.0017**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0801	0.0558	0.9059	2.4700e-003	0.2794	1.6900e-003	0.2811	0.0741	1.5500e-003	0.0757		253.1532	253.1532	6.3000e-003	5.7700e-003	255.0302
Total	**0.0801**	**0.0558**	**0.9059**	**2.4700e-003**	**0.2794**	**1.6900e-003**	**0.2811**	**0.0741**	**1.5500e-003**	**0.0757**		**253.1532**	**253.1532**	**6.3000e-003**	**5.7700e-003**	**255.0302**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 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	1.3627					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3404	2.2513	2.6675	4.9400e-003		0.1020	0.1020		0.1020	0.1020		421.5707	421.5707	0.0301		422.3237
Total	**1.7031**	**2.2513**	**2.6675**	**4.9400e-003**		**0.1020**	**0.1020**		**0.1020**	**0.1020**		**421.5707**	**421.5707**	**0.0301**		**422.3237**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0209	0.0140	0.2361	6.7000e-004	0.0782	4.5000e-004	0.0787	0.0208	4.2000e-004	0.0212		69.4217	69.4217	1.6000e-003	1.5000e-003	69.9094
Total	**0.0209**	**0.0140**	**0.2361**	**6.7000e-004**	**0.0782**	**4.5000e-004**	**0.0787**	**0.0208**	**4.2000e-004**	**0.0212**		**69.4217**	**69.4217**	**1.6000e-003**	**1.5000e-003**	**69.9094**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 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	1.3627					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	3.5200e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	320.5381	320.5381	0.0196		321.0288
Total	**1.3924**	**0.1288**	**1.8324**	**3.5200e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**320.5381**	**320.5381**	**0.0196**		**321.0288**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0209	0.0140	0.2361	6.7000e-004	0.0782	4.5000e-004	0.0787	0.0208	4.2000e-004	0.0212		69.4217	69.4217	1.6000e-003	1.5000e-003	69.9094
Total	**0.0209**	**0.0140**	**0.2361**	**6.7000e-004**	**0.0782**	**4.5000e-004**	**0.0787**	**0.0208**	**4.2000e-004**	**0.0212**		**69.4217**	**69.4217**	**1.6000e-003**	**1.5000e-003**	**69.9094**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	1.3627					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3301	2.1755	2.6660	4.9400e-003		0.0924	0.0924		0.0924	0.0924		421.5707	421.5707	0.0296		422.3096
Total	**1.6928**	**2.1755**	**2.6660**	**4.9400e-003**		**0.0924**	**0.0924**		**0.0924**	**0.0924**		**421.5707**	**421.5707**	**0.0296**		**422.3096**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0195	0.0125	0.2201	6.5000e-004	0.0782	4.3000e-004	0.0787	0.0208	4.0000e-004	0.0212		67.7231	67.7231	1.4400e-003	1.4000e-003	68.1773
Total	**0.0195**	**0.0125**	**0.2201**	**6.5000e-004**	**0.0782**	**4.3000e-004**	**0.0787**	**0.0208**	**4.0000e-004**	**0.0212**		**67.7231**	**67.7231**	**1.4400e-003**	**1.4000e-003**	**68.1773**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Architectural Coating - 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					
Archit. Coating	1.3627					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	3.5200e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	320.5381	320.5381	0.0191		321.0147
Total	**1.3924**	**0.1288**	**1.8324**	**3.5200e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**320.5381**	**320.5381**	**0.0191**		**321.0147**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0195	0.0125	0.2201	6.5000e-004	0.0782	4.3000e-004	0.0787	0.0208	4.0000e-004	0.0212		67.7231	67.7231	1.4400e-003	1.4000e-003	68.1773
Total	**0.0195**	**0.0125**	**0.2201**	**6.5000e-004**	**0.0782**	**4.3000e-004**	**0.0787**	**0.0208**	**4.0000e-004**	**0.0212**		**67.7231**	**67.7231**	**1.4400e-003**	**1.4000e-003**	**68.1773**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	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
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.537891	0.065289	0.189998	0.126515	0.023567	0.006518	0.011114	0.008084	0.000933	0.000591	0.025474	0.000708	0.003318

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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					
Apartments Mid Rise	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**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	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	1.0915	0.0465	4.0387	2.1000e-004		0.0224	0.0224		0.0224	0.0224	0.0000	7.2791	7.2791	6.9700e-003	0.0000	7.4533
Unmitigated	1.0915	0.0465	4.0387	2.1000e-004		0.0224	0.0224		0.0224	0.0224	0.0000	7.2791	7.2791	6.9700e-003	0.0000	7.4533

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	0.9702					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	0.1213	0.0465	4.0387	2.1000e-004		0.0224	0.0224		0.0224	0.0224		7.2791	7.2791	6.9700e-003		7.4533
Total	**1.0915**	**0.0465**	**4.0387**	**2.1000e-004**		**0.0224**	**0.0224**		**0.0224**	**0.0224**	**0.0000**	**7.2791**	**7.2791**	**6.9700e-003**	**0.0000**	**7.4533**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	0.9702					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	0.1213	0.0465	4.0387	2.1000e-004		0.0224	0.0224		0.0224	0.0224		7.2791	7.2791	6.9700e-003		7.4533
Total	**1.0915**	**0.0465**	**4.0387**	**2.1000e-004**		**0.0224**	**0.0224**		**0.0224**	**0.0224**	**0.0000**	**7.2791**	**7.2791**	**6.9700e-003**	**0.0000**	**7.4533**

7.0 Water Detail

7.1 Mitigation Measures Water

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

OSP - 327 Harbor Mitigation

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	49.00	Dwelling Unit	0.58	49,000.00	140

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see assumptions

Construction Phase - 22

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - s assumptions

Off-road Equipment - see assumptions

Off-road Equipment - s

Off-road Equipment - See Assumptions

Trips and VMT - see assumptions

Grading - See Assumptions

Vehicle Trips - Operation modeled separately

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Vehicle Emission Factors - Operational modeled separately

Vehicle Emission Factors - operational modeled separately

Vehicle Emission Factors - operational modeled separately

Woodstoves - Operation modeled separately

Consumer Products - Operation modeled separately

Area Coating - Operation modeled separately

Energy Use - Operation modeled separately

Water And Wastewater - Operation modeled separately

Solid Waste - Operation modeled separately

Construction Off-road Equipment Mitigation - See assumptions - Tier 4 is project statndard for >50 hp. Alternative (electric) fuel is project standard for <50 hp

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	1.00	9.00
tblConstructionPhase	NumDays	2.00	9.00
tblConstructionPhase	NumDays	100.00	451.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstructionPhase	NumDays	5.00	225.00
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	NT24E	3,054.10	0.00
tblEnergyUse	NT24NG	4,831.00	0.00
tblEnergyUse	T24E	35.05	0.00
tblEnergyUse	T24NG	4,179.80	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	41.65	0.00
tblFireplaces	NumberNoFireplace	4.90	0.00
tblFireplaces	NumberWood	2.45	0.00
tblGrading	MaterialExported	0.00	4,481.00
tblLandUse	LotAcreage	1.29	0.58
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblSolidWaste	SolidWasteGenerationRate	22.54	0.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	560.00	280.00
tblTripsAndVMT	WorkerTripNumber	35.00	33.00
tblVehicleEF	LDA	0.56	0.56
tblVehicleEF	LDA	1.81	1.80

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	LDA	248.28	238.95
tblVehicleEF	LDA	48.72	46.88
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.14	0.14
tblVehicleEF	LDA	1.5160e-003	1.5030e-003
tblVehicleEF	LDA	1.5800e-003	1.5660e-003
tblVehicleEF	LDA	1.3960e-003	1.3840e-003
tblVehicleEF	LDA	1.4530e-003	1.4400e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	6.9360e-003	6.9230e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.16	0.16
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.17
tblVehicleEF	LDA	0.62	0.61
tblVehicleEF	LDA	1.55	1.53
tblVehicleEF	LDA	259.54	249.77
tblVehicleEF	LDA	48.23	46.40
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.13	0.13
tblVehicleEF	LDA	1.5160e-003	1.5030e-003
tblVehicleEF	LDA	1.5800e-003	1.5660e-003
tblVehicleEF	LDA	1.3960e-003	1.3840e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	LDA	1.4530e-003	1.4400e-003
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	7.3710e-003	7.3570e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.14	0.14
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.15	0.15
tblVehicleEF	LDA	0.54	0.53
tblVehicleEF	LDA	1.87	1.85
tblVehicleEF	LDA	244.18	235.00
tblVehicleEF	LDA	48.83	46.98
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.14	0.14
tblVehicleEF	LDA	1.5160e-003	1.5030e-003
tblVehicleEF	LDA	1.5800e-003	1.5660e-003
tblVehicleEF	LDA	1.3960e-003	1.3840e-003
tblVehicleEF	LDA	1.4530e-003	1.4400e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	6.7960e-003	6.7830e-003
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.16	0.16

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	9.8730e-003	9.8530e-003
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.17	0.17
tblVehicleEF	LDT1	0.99	0.98
tblVehicleEF	LDT1	1.95	1.93
tblVehicleEF	LDT1	296.26	285.04
tblVehicleEF	LDT1	58.46	56.24
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	2.0450e-003	2.0260e-003
tblVehicleEF	LDT1	2.0340e-003	2.0150e-003
tblVehicleEF	LDT1	1.8810e-003	1.8640e-003
tblVehicleEF	LDT1	1.8700e-003	1.8530e-003
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.23	0.23
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.26	0.26
tblVehicleEF	LDT1	1.08	1.07

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	LDT1	1.66	1.65
tblVehicleEF	LDT1	307.66	296.00
tblVehicleEF	LDT1	57.90	55.70
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.18	0.18
tblVehicleEF	LDT1	2.0450e-003	2.0260e-003
tblVehicleEF	LDT1	2.0340e-003	2.0150e-003
tblVehicleEF	LDT1	1.8810e-003	1.8640e-003
tblVehicleEF	LDT1	1.8700e-003	1.8530e-003
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.21	0.21
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.23	0.23
tblVehicleEF	LDT1	0.95	0.95
tblVehicleEF	LDT1	2.01	2.00
tblVehicleEF	LDT1	292.09	281.02
tblVehicleEF	LDT1	58.58	56.36
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	2.0450e-003	2.0260e-003
tblVehicleEF	LDT1	2.0340e-003	2.0150e-003

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	LDT1	1.8810e-003	1.8640e-003
tblVehicleEF	LDT1	1.8700e-003	1.8530e-003
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.16	0.16
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.24	0.24
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.16	0.16
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.26	0.26
tblVehicleEF	LDT2	0.78	0.77
tblVehicleEF	LDT2	2.30	2.29
tblVehicleEF	LDT2	307.36	295.80
tblVehicleEF	LDT2	61.00	58.69
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	1.6450e-003	1.6310e-003
tblVehicleEF	LDT2	1.6500e-003	1.6350e-003
tblVehicleEF	LDT2	1.5140e-003	1.5010e-003
tblVehicleEF	LDT2	1.5170e-003	1.5030e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.10	0.10
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.05

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	LDT2	0.22	0.22
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.10	0.10
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.24	0.24
tblVehicleEF	LDT2	0.86	0.85
tblVehicleEF	LDT2	1.97	1.95
tblVehicleEF	LDT2	318.10	306.13
tblVehicleEF	LDT2	60.36	58.07
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	1.6450e-003	1.6310e-003
tblVehicleEF	LDT2	1.6500e-003	1.6350e-003
tblVehicleEF	LDT2	1.5140e-003	1.5010e-003
tblVehicleEF	LDT2	1.5170e-003	1.5030e-003
tblVehicleEF	LDT2	0.10	0.10
tblVehicleEF	LDT2	0.10	0.10
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	0.10	0.10
tblVehicleEF	LDT2	0.10	0.10
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.22	0.22

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	LDT2	0.75	0.75
tblVehicleEF	LDT2	2.38	2.36
tblVehicleEF	LDT2	303.43	292.01
tblVehicleEF	LDT2	61.14	58.82
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	1.6450e-003	1.6310e-003
tblVehicleEF	LDT2	1.6500e-003	1.6350e-003
tblVehicleEF	LDT2	1.5140e-003	1.5010e-003
tblVehicleEF	LDT2	1.5170e-003	1.5030e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.11	0.11
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.23	0.23
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.11	0.11
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.25	0.25
tblVehicleEF	MDV	0.84	0.84
tblVehicleEF	MDV	2.49	2.47
tblVehicleEF	MDV	377.82	363.86
tblVehicleEF	MDV	73.77	70.98
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.23	0.23
tblVehicleEF	MDV	1.6900e-003	1.6760e-003

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	MDV	1.6670e-003	1.6520e-003
tblVehicleEF	MDV	1.5580e-003	1.5440e-003
tblVehicleEF	MDV	1.5330e-003	1.5190e-003
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.26	0.26
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.29	0.29
tblVehicleEF	MDV	0.92	0.92
tblVehicleEF	MDV	2.12	2.10
tblVehicleEF	MDV	388.92	374.54
tblVehicleEF	MDV	73.07	70.30
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	1.6900e-003	1.6760e-003
tblVehicleEF	MDV	1.6670e-003	1.6520e-003
tblVehicleEF	MDV	1.5580e-003	1.5440e-003
tblVehicleEF	MDV	1.5330e-003	1.5190e-003
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.12	0.12
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.02	0.02

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.23	0.23
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.12	0.12
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.26	0.26
tblVehicleEF	MDV	0.81	0.81
tblVehicleEF	MDV	2.57	2.55
tblVehicleEF	MDV	373.76	359.95
tblVehicleEF	MDV	73.93	71.13
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.23	0.23
tblVehicleEF	MDV	1.6900e-003	1.6760e-003
tblVehicleEF	MDV	1.6670e-003	1.6520e-003
tblVehicleEF	MDV	1.5580e-003	1.5440e-003
tblVehicleEF	MDV	1.5330e-003	1.5190e-003
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.12	0.12
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.27	0.27
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.12	0.12
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.06

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleEF	MDV	0.29	0.29
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MHD	976.69	976.69
tblVehicleEF	SBUS	348.45	348.45
tblVehicleEF	UBUS	7.5000e-005	7.6000e-005
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblWater	IndoorWaterUseRate	3,192,547.26	0.00
tblWater	OutdoorWaterUseRate	2,012,692.83	0.00
tblWoodstoves	NumberCatalytic	2.45	0.00
tblWoodstoves	NumberNoncatalytic	2.45	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	5.0422	43.8234	54.4828	0.1130	2.9020	2.1130	4.3149	0.6086	1.9884	2.2733	0.0000	11,399.6971	11,399.6971	2.2561	0.7829	11,673.8372
2024	2.2969	7.0714	8.6999	0.0185	0.5015	0.2927	0.7942	0.1337	0.2794	0.4132	0.0000	1,736.2084	1,736.2084	0.2901	0.0239	1,750.5717
2025	1.7140	2.1894	2.8686	5.5600e-003	0.0782	0.0928	0.1711	0.0208	0.0928	0.1135	0.0000	485.7369	485.7369	0.0310	1.5000e-003	486.9588
Maximum	**5.0422**	**43.8234**	**54.4828**	**0.1130**	**2.9020**	**2.1130**	**4.3149**	**0.6086**	**1.9884**	**2.2733**	**0.0000**	**11,399.6971**	**11,399.6971**	**2.2561**	**0.7829**	**11,673.8372**

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	1.5993	13.1960	52.0402	0.1008	2.2878	0.2091	2.4361	0.5409	0.2015	0.6863	0.0000	10,327.2277	10,327.2277	2.1735	0.7829	10,599.4613
2024	1.6418	1.4710	8.0813	0.0159	0.5015	0.0201	0.5216	0.1337	0.0198	0.1536	0.0000	1,550.1800	1,550.1800	0.2708	0.0239	1,564.0605
2025	1.4135	0.1426	2.0350	4.1400e-003	0.0782	4.3900e-003	0.0826	0.0208	4.3600e-003	0.0251	0.0000	384.7043	384.7043	0.0205	1.5000e-003	385.6640
Maximum	**1.6418**	**13.1960**	**52.0402**	**0.1008**	**2.2878**	**0.2091**	**2.4361**	**0.5409**	**0.2015**	**0.6863**	**0.0000**	**10,327.2277**	**10,327.2277**	**2.1735**	**0.7829**	**10,599.4613**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	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	48.58	72.10	5.90	11.82	17.64	90.65	42.42	8.87	90.44	69.11	0.00	9.98	9.98	4.36	0.00	9.79

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	1.0915	0.0465	4.0387	2.1000e-004		0.0224	0.0224		0.0224	0.0224	0.0000	7.2791	7.2791	6.9700e-003	0.0000	7.4533
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	0.0000
Total	**1.0915**	**0.0465**	**4.0387**	**2.1000e-004**	**0.0000**	**0.0224**	**0.0224**	**0.0000**	**0.0224**	**0.0224**	**0.0000**	**7.2791**	**7.2791**	**6.9700e-003**	**0.0000**	**7.4533**

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	1.0915	0.0465	4.0387	2.1000e-004		0.0224	0.0224		0.0224	0.0224	0.0000	7.2791	7.2791	6.9700e-003	0.0000	7.4533
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	0.0000
Total	**1.0915**	**0.0465**	**4.0387**	**2.1000e-004**	**0.0000**	**0.0224**	**0.0224**	**0.0000**	**0.0224**	**0.0224**	**0.0000**	**7.2791**	**7.2791**	**6.9700e-003**	**0.0000**	**7.4533**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	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	3/1/2023	3/13/2023	5	9	
2	Grading	Grading	3/14/2023	3/24/2023	5	9	
3	Utilities Trenching	Trenching	3/25/2023	4/6/2023	5	9	
4	Building Construction	Building Construction	4/6/2023	12/26/2024	5	451	
5	Paving	Paving	4/6/2023	4/12/2023	5	5	
6	Architectural Coating	Architectural Coating	4/18/2024	2/26/2025	5	225	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 9

Acres of Paving: 0

Residential Indoor: 99,225; Residential Outdoor: 33,075; 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
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site Preparation	Trenchers	1	8.00	78	0.50
Grading	Air Compressors	2	8.00	78	0.48
Grading	Excavators	2	8.00	158	0.38

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Grading	Generator Sets	1	8.00	84	0.74
Grading	Graders	0	6.00	187	0.41
Grading	Plate Compactors	1	8.00	8	0.43
Grading	Pumps	1	8.00	84	0.74
Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Grading	Rubber Tired Dozers	0	6.00	247	0.40
Grading	Scrapers	1	8.00	367	0.48
Grading	Sweepers/Scrubbers	1	4.00	64	0.46
Grading	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Welders	2	8.00	46	0.45
Utilities Trenching	Air Compressors	1	8.00	78	0.48
Utilities Trenching	Concrete/Industrial Saws	1	8.00	81	0.73
Utilities Trenching	Excavators	1	8.00	158	0.38
Utilities Trenching	Generator Sets	1	8.00	84	0.74
Utilities Trenching	Paving Equipment	1	8.00	132	0.36
Utilities Trenching	Rollers	1	8.00	80	0.38
Utilities Trenching	Rubber Tired Loaders	2	8.00	203	0.36
Utilities Trenching	Signal Boards	2	8.00	6	0.82
Utilities Trenching	Surfacing Equipment	1	8.00	263	0.30
Utilities Trenching	Sweepers/Scrubbers	1	4.00	64	0.46
Utilities Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	0	6.00	89	0.20
Building Construction	Plate Compactors	1	8.00	8	0.43
Building Construction	Rough Terrain Forklifts	1	8.00	100	0.40
Building Construction	Sweepers/Scrubbers	1	4.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Paving	Cement and Mortar Mixers	0	6.00	9	0.56

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Paving	Generator Sets	1	8.00	84	0.74
Paving	Pavers	1	7.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	7.00	80	0.38
Paving	Signal Boards	1	8.00	6	0.82
Paving	Sweepers/Scrubbers	4	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48
Architectural Coating	Cement and Mortar Mixers	2	8.00	9	0.56
Architectural Coating	Pressure Washers	1	8.00	13	0.30

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	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	15	38.00	0.00	280.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Utilities Trenching	14	33.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	35.00	5.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	7.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3467	3.2332	2.5921	3.3800e-003		0.2243	0.2243		0.2064	0.2064		327.1999	327.1999	0.1058		329.8454
Total	**0.3467**	**3.2332**	**2.5921**	**3.3800e-003**	**0.0000**	**0.2243**	**0.2243**	**0.0000**	**0.2064**	**0.2064**		**327.1999**	**327.1999**	**0.1058**		**329.8454**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	7.4000e-003	0.0999	2.8000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		28.7768	28.7768	7.7000e-004	7.4000e-004	29.0164
Total	**0.0103**	**7.4000e-003**	**0.0999**	**2.8000e-004**	**0.0335**	**2.0000e-004**	**0.0337**	**8.8900e-003**	**1.9000e-004**	**9.0800e-003**		**28.7768**	**28.7768**	**7.7000e-004**	**7.4000e-004**	**29.0164**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0413	0.1788	2.5450	3.3800e-003		5.5000e-003	5.5000e-003		5.5000e-003	5.5000e-003	0.0000	327.1999	327.1999	0.1058		329.8454
Total	**0.0413**	**0.1788**	**2.5450**	**3.3800e-003**	**0.0000**	**5.5000e-003**	**5.5000e-003**	**0.0000**	**5.5000e-003**	**5.5000e-003**	**0.0000**	**327.1999**	**327.1999**	**0.1058**		**329.8454**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	7.4000e-003	0.0999	2.8000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		28.7768	28.7768	7.7000e-004	7.4000e-004	29.0164
Total	**0.0103**	**7.4000e-003**	**0.0999**	**2.8000e-004**	**0.0335**	**2.0000e-004**	**0.0337**	**8.8900e-003**	**1.9000e-004**	**9.0800e-003**		**28.7768**	**28.7768**	**7.7000e-004**	**7.4000e-004**	**29.0164**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 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					1.1168	0.0000	1.1168	0.1230	0.0000	0.1230			0.0000			0.0000
Off-Road	3.4520	29.6996	37.5469	0.0651		1.3468	1.3468		1.2848	1.2848		6,164.9021	6,164.9021	1.3524		6,198.7127
Total	**3.4520**	**29.6996**	**37.5469**	**0.0651**	**1.1168**	**1.3468**	**2.4636**	**0.1230**	**1.2848**	**1.4078**		**6,164.9021**	**6,164.9021**	**1.3524**		**6,198.7127**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1140	9.6932	2.0267	0.0443	1.3604	0.0636	1.4241	0.3729	0.0609	0.4338		4,870.2888	4,870.2888	0.2715	0.7735	5,107.5839
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1307	0.0937	1.2657	3.5600e-003	0.4248	2.5600e-003	0.4273	0.1127	2.3600e-003	0.1150		364.5062	364.5062	9.7100e-003	9.3700e-003	367.5406
Total	**0.2448**	**9.7869**	**3.2924**	**0.0479**	**1.7852**	**0.0662**	**1.8514**	**0.4856**	**0.0632**	**0.5488**		**5,234.7950**	**5,234.7950**	**0.2812**	**0.7829**	**5,475.1245**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.5026	0.0000	0.5026	0.0554	0.0000	0.0554			0.0000			0.0000
Off-Road	0.6317	3.3137	33.3329	0.0529		0.0822	0.0822		0.0822	0.0822	0.0000	5,092.4327	5,092.4327	1.2762		5,124.3368
Total	**0.6317**	**3.3137**	**33.3329**	**0.0529**	**0.5026**	**0.0822**	**0.5847**	**0.0554**	**0.0822**	**0.1375**	**0.0000**	**5,092.4327**	**5,092.4327**	**1.2762**		**5,124.3368**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1140	9.6932	2.0267	0.0443	1.3604	0.0636	1.4241	0.3729	0.0609	0.4338		4,870.2888	4,870.2888	0.2715	0.7735	5,107.5839
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1307	0.0937	1.2657	3.5600e-003	0.4248	2.5600e-003	0.4273	0.1127	2.3600e-003	0.1150		364.5062	364.5062	9.7100e-003	9.3700e-003	367.5406
Total	**0.2448**	**9.7869**	**3.2924**	**0.0479**	**1.7852**	**0.0662**	**1.8514**	**0.4856**	**0.0632**	**0.5488**		**5,234.7950**	**5,234.7950**	**0.2812**	**0.7829**	**5,475.1245**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Utilities Trenching - 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	2.6407	23.8046	28.0706	0.0568		1.0825	1.0825		1.0262	1.0262		5,430.1887	5,430.1887	1.2991		5,462.6658
Total	**2.6407**	**23.8046**	**28.0706**	**0.0568**		**1.0825**	**1.0825**		**1.0262**	**1.0262**		**5,430.1887**	**5,430.1887**	**1.2991**		**5,462.6658**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1135	0.0814	1.0992	3.0900e-003	0.3689	2.2300e-003	0.3711	0.0978	2.0500e-003	0.0999		316.5448	316.5448	8.4400e-003	8.1400e-003	319.1800
Total	**0.1135**	**0.0814**	**1.0992**	**3.0900e-003**	**0.3689**	**2.2300e-003**	**0.3711**	**0.0978**	**2.0500e-003**	**0.0999**		**316.5448**	**316.5448**	**8.4400e-003**	**8.1400e-003**	**319.1800**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Utilities Trenching - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7866	5.4676	28.3562	0.0489		0.1556	0.1556		0.1485	0.1485	0.0000	4,708.5270	4,708.5270	1.2614		4,740.0629
Total	**0.7866**	**5.4676**	**28.3562**	**0.0489**		**0.1556**	**0.1556**		**0.1485**	**0.1485**	**0.0000**	**4,708.5270**	**4,708.5270**	**1.2614**		**4,740.0629**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1135	0.0814	1.0992	3.0900e-003	0.3689	2.2300e-003	0.3711	0.0978	2.0500e-003	0.0999		316.5448	316.5448	8.4400e-003	8.1400e-003	319.1800
Total	**0.1135**	**0.0814**	**1.0992**	**3.0900e-003**	**0.3689**	**2.2300e-003**	**0.3711**	**0.0978**	**2.0500e-003**	**0.0999**		**316.5448**	**316.5448**	**8.4400e-003**	**8.1400e-003**	**319.1800**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	0.4714	4.7796	4.6826	8.8000e-003		0.2031	0.2031		0.1888	0.1888		821.2970	821.2970	0.2470		827.4710
Total	**0.4714**	**4.7796**	**4.6826**	**8.8000e-003**		**0.2031**	**0.2031**		**0.1888**	**0.1888**		**821.2970**	**821.2970**	**0.2470**		**827.4710**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5600e-003	0.2009	0.0767	9.3000e-004	0.0320	9.7000e-004	0.0330	9.2200e-003	9.3000e-004	0.0102		100.3102	100.3102	3.3400e-003	0.0144	104.6956
Worker	0.1204	0.0863	1.1658	3.2800e-003	0.3912	2.3600e-003	0.3936	0.1038	2.1700e-003	0.1059		335.7294	335.7294	8.9500e-003	8.6300e-003	338.5243
Total	**0.1260**	**0.2872**	**1.2425**	**4.2100e-003**	**0.4233**	**3.3300e-003**	**0.4266**	**0.1130**	**3.1000e-003**	**0.1161**		**436.0395**	**436.0395**	**0.0123**	**0.0231**	**443.2198**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1089	1.0484	4.8705	7.6100e-003		0.0125	0.0125		0.0125	0.0125	0.0000	736.3013	736.3013	0.2381		742.2547
Total	**0.1089**	**1.0484**	**4.8705**	**7.6100e-003**		**0.0125**	**0.0125**		**0.0125**	**0.0125**	**0.0000**	**736.3013**	**736.3013**	**0.2381**		**742.2547**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5600e-003	0.2009	0.0767	9.3000e-004	0.0320	9.7000e-004	0.0330	9.2200e-003	9.3000e-004	0.0102		100.3102	100.3102	3.3400e-003	0.0144	104.6956
Worker	0.1204	0.0863	1.1658	3.2800e-003	0.3912	2.3600e-003	0.3936	0.1038	2.1700e-003	0.1059		335.7294	335.7294	8.9500e-003	8.6300e-003	338.5243
Total	**0.1260**	**0.2872**	**1.2425**	**4.2100e-003**	**0.4233**	**3.3300e-003**	**0.4266**	**0.1130**	**3.1000e-003**	**0.1161**		**436.0395**	**436.0395**	**0.0123**	**0.0231**	**443.2198**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4533	4.5263	4.6540	8.8000e-003		0.1870	0.1870		0.1740	0.1740		821.2238	821.2238	0.2469		827.3972
Total	**0.4533**	**4.5263**	**4.6540**	**8.8000e-003**		**0.1870**	**0.1870**		**0.1740**	**0.1740**		**821.2238**	**821.2238**	**0.2469**		**827.3972**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.3700e-003	0.2014	0.0751	9.2000e-004	0.0320	9.8000e-004	0.0330	9.2200e-003	9.3000e-004	0.0102		98.8072	98.8072	3.3500e-003	0.0142	103.1326
Worker	0.1126	0.0771	1.0861	3.1900e-003	0.3912	2.2600e-003	0.3935	0.1038	2.0800e-003	0.1058		328.8390	328.8390	8.1000e-003	8.0200e-003	331.4319
Total	**0.1180**	**0.2784**	**1.1612**	**4.1100e-003**	**0.4233**	**3.2400e-003**	**0.4265**	**0.1130**	**3.0100e-003**	**0.1160**		**427.6461**	**427.6461**	**0.0115**	**0.0223**	**434.5645**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 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	0.1089	1.0484	4.8705	7.6100e-003		0.0125	0.0125		0.0125	0.0125	0.0000	736.2281	736.2281	0.2381		742.1809
Total	**0.1089**	**1.0484**	**4.8705**	**7.6100e-003**		**0.0125**	**0.0125**		**0.0125**	**0.0125**	**0.0000**	**736.2281**	**736.2281**	**0.2381**		**742.1809**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.3700e-003	0.2014	0.0751	9.2000e-004	0.0320	9.8000e-004	0.0330	9.2200e-003	9.3000e-004	0.0102		98.8072	98.8072	3.3500e-003	0.0142	103.1326
Worker	0.1126	0.0771	1.0861	3.1900e-003	0.3912	2.2600e-003	0.3935	0.1038	2.0800e-003	0.1058		328.8390	328.8390	8.1000e-003	8.0200e-003	331.4319
Total	**0.1180**	**0.2784**	**1.1612**	**4.1100e-003**	**0.4233**	**3.2400e-003**	**0.4265**	**0.1130**	**3.0100e-003**	**0.1160**		**427.6461**	**427.6461**	**0.0115**	**0.0223**	**434.5645**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	1.6047	14.8090	18.5553	0.0284		0.8202	0.8202		0.7667	0.7667		2,706.6596	2,706.6596	0.6829		2,723.7319
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6047**	**14.8090**	**18.5553**	**0.0284**		**0.8202**	**0.8202**		**0.7667**	**0.7667**		**2,706.6596**	**2,706.6596**	**0.6829**		**2,723.7319**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0860	0.0617	0.8327	2.3400e-003	0.2794	1.6900e-003	0.2811	0.0741	1.5500e-003	0.0757		239.8067	239.8067	6.3900e-003	6.1600e-003	241.8030
Total	**0.0860**	**0.0617**	**0.8327**	**2.3400e-003**	**0.2794**	**1.6900e-003**	**0.2811**	**0.0741**	**1.5500e-003**	**0.0757**		**239.8067**	**239.8067**	**6.3900e-003**	**6.1600e-003**	**241.8030**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Paving - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3782	6.2498	15.6391	0.0207		0.0338	0.0338		0.0338	0.0338	0.0000	1,999.8321	1,999.8321	0.6468		2,016.0017
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3782**	**6.2498**	**15.6391**	**0.0207**		**0.0338**	**0.0338**		**0.0338**	**0.0338**	**0.0000**	**1,999.8321**	**1,999.8321**	**0.6468**		**2,016.0017**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0860	0.0617	0.8327	2.3400e-003	0.2794	1.6900e-003	0.2811	0.0741	1.5500e-003	0.0757		239.8067	239.8067	6.3900e-003	6.1600e-003	241.8030
Total	**0.0860**	**0.0617**	**0.8327**	**2.3400e-003**	**0.2794**	**1.6900e-003**	**0.2811**	**0.0741**	**1.5500e-003**	**0.0757**		**239.8067**	**239.8067**	**6.3900e-003**	**6.1600e-003**	**241.8030**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 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	1.3627					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3404	2.2513	2.6675	4.9400e-003		0.1020	0.1020		0.1020	0.1020		421.5707	421.5707	0.0301		422.3237
Total	**1.7031**	**2.2513**	**2.6675**	**4.9400e-003**		**0.1020**	**0.1020**		**0.1020**	**0.1020**		**421.5707**	**421.5707**	**0.0301**		**422.3237**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0225	0.0154	0.2172	6.4000e-004	0.0782	4.5000e-004	0.0787	0.0208	4.2000e-004	0.0212		65.7678	65.7678	1.6200e-003	1.6000e-003	66.2864
Total	**0.0225**	**0.0154**	**0.2172**	**6.4000e-004**	**0.0782**	**4.5000e-004**	**0.0787**	**0.0208**	**4.2000e-004**	**0.0212**		**65.7678**	**65.7678**	**1.6200e-003**	**1.6000e-003**	**66.2864**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 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	1.3627					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	3.5200e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	320.5381	320.5381	0.0196		321.0288
Total	**1.3924**	**0.1288**	**1.8324**	**3.5200e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**320.5381**	**320.5381**	**0.0196**		**321.0288**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0225	0.0154	0.2172	6.4000e-004	0.0782	4.5000e-004	0.0787	0.0208	4.2000e-004	0.0212		65.7678	65.7678	1.6200e-003	1.6000e-003	66.2864
Total	**0.0225**	**0.0154**	**0.2172**	**6.4000e-004**	**0.0782**	**4.5000e-004**	**0.0787**	**0.0208**	**4.2000e-004**	**0.0212**		**65.7678**	**65.7678**	**1.6200e-003**	**1.6000e-003**	**66.2864**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	1.3627					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3301	2.1755	2.6660	4.9400e-003		0.0924	0.0924		0.0924	0.0924		421.5707	421.5707	0.0296		422.3096
Total	**1.6928**	**2.1755**	**2.6660**	**4.9400e-003**		**0.0924**	**0.0924**		**0.0924**	**0.0924**		**421.5707**	**421.5707**	**0.0296**		**422.3096**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0211	0.0138	0.2026	6.2000e-004	0.0782	4.3000e-004	0.0787	0.0208	4.0000e-004	0.0212		64.1663	64.1663	1.4600e-003	1.5000e-003	64.6492
Total	**0.0211**	**0.0138**	**0.2026**	**6.2000e-004**	**0.0782**	**4.3000e-004**	**0.0787**	**0.0208**	**4.0000e-004**	**0.0212**		**64.1663**	**64.1663**	**1.4600e-003**	**1.5000e-003**	**64.6492**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Architectural Coating - 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					
Archit. Coating	1.3627					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	3.5200e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	320.5381	320.5381	0.0191		321.0147
Total	**1.3924**	**0.1288**	**1.8324**	**3.5200e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**320.5381**	**320.5381**	**0.0191**		**321.0147**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0211	0.0138	0.2026	6.2000e-004	0.0782	4.3000e-004	0.0787	0.0208	4.0000e-004	0.0212		64.1663	64.1663	1.4600e-003	1.5000e-003	64.6492
Total	**0.0211**	**0.0138**	**0.2026**	**6.2000e-004**	**0.0782**	**4.3000e-004**	**0.0787**	**0.0208**	**4.0000e-004**	**0.0212**		**64.1663**	**64.1663**	**1.4600e-003**	**1.5000e-003**	**64.6492**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	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
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.537891	0.065289	0.189998	0.126515	0.023567	0.006518	0.011114	0.008084	0.000933	0.000591	0.025474	0.000708	0.003318

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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					
Apartments Mid Rise	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**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	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	1.0915	0.0465	4.0387	2.1000e-004		0.0224	0.0224		0.0224	0.0224	0.0000	7.2791	7.2791	6.9700e-003	0.0000	7.4533
Unmitigated	1.0915	0.0465	4.0387	2.1000e-004		0.0224	0.0224		0.0224	0.0224	0.0000	7.2791	7.2791	6.9700e-003	0.0000	7.4533

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	0.9702					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	0.1213	0.0465	4.0387	2.1000e-004		0.0224	0.0224		0.0224	0.0224		7.2791	7.2791	6.9700e-003		7.4533
Total	**1.0915**	**0.0465**	**4.0387**	**2.1000e-004**		**0.0224**	**0.0224**		**0.0224**	**0.0224**	**0.0000**	**7.2791**	**7.2791**	**6.9700e-003**	**0.0000**	**7.4533**

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	0.9702					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	0.1213	0.0465	4.0387	2.1000e-004		0.0224	0.0224		0.0224	0.0224		7.2791	7.2791	6.9700e-003		7.4533
Total	**1.0915**	**0.0465**	**4.0387**	**2.1000e-004**		**0.0224**	**0.0224**		**0.0224**	**0.0224**	**0.0000**	**7.2791**	**7.2791**	**6.9700e-003**	**0.0000**	**7.4533**

7.0 Water Detail

7.1 Mitigation Measures Water

OSP - 327 Harbor Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

OSP - Historic Preservation Alternative. Phase 1 - Construction Only - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

OSP - Historic Preservation Alternative. Phase 1 - Construction Only

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	156.00	Dwelling Unit	4.11	156,000.00	446

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - See Assumptions

Off-road Equipment - See Assumptions - All Equipment is Tier 4 or Electric based on Project Description

Off-road Equipment - See Assumptions - All Equipment is Tier 4 or Electric based on Project Description

Off-road Equipment - No equipment phase only to account for haul trucks during demo

Off-road Equipment - See Assumptions - All Equipment is Tier 4 or Electric based on Project Description

Trips and VMT - See Assumptions.

Demolition - See Assumptions

Architectural Coating - See Assumptions

Vehicle Trips - Operational emissions not modeled assumed consistent with Existing Conditions

Road Dust -

OSP - Historic Preservation Alternative. Phase 1 - Construction Only - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Woodstoves - Operational emissions not modeled assumed consistent with Existing Conditions

Consumer Products - Operational emissions not modeled assumed consistent with Existing Conditions

Area Coating - Operational emissions not modeled assumed consistent with Existing Conditions

Landscape Equipment - Operational emissions not modeled assumed consistent with Existing Conditions

Energy Use - Operational emissions modeled separately

Water And Wastewater - Operational emissions not modeled assumed consistent with Existing Conditions

Solid Waste - Operational emissions not modeled assumed consistent with Existing Conditions

Construction Off-road Equipment Mitigation - Electrical and Tier 4 equipment are part of the Project Description. Therefore CalEEMod's "Mitigated" scenario is actually the Unmitigated Project Scenario.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	18.00	279.00
tblConstructionPhase	NumDays	230.00	588.00
tblConstructionPhase	NumDays	20.00	49.00
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	NT24E	3,054.10	0.00
tblEnergyUse	NT24NG	4,831.00	0.00
tblEnergyUse	T24E	35.05	0.00
tblEnergyUse	T24NG	4,179.80	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	NumberGas	132.60	0.00
tblFireplaces	NumberNoFireplace	15.60	156.00
tblFireplaces	NumberWood	7.80	0.00
tblLandscapeEquipment	NumberSummerDays	250	0
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblSolidWaste	SolidWasteGenerationRate	71.76	0.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblWater	IndoorWaterUseRate	10,164,028.00	0.00
tblWater	OutdoorWaterUseRate	6,407,756.78	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00

2.0 Emissions Summary

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.2678	2.2411	2.8908	5.9500e-003	0.1359	0.0981	0.2340	0.0352	0.0924	0.1275	0.0000	524.0307	524.0307	0.1016	6.9800e-003	528.6510
2025	0.5230	2.5778	3.2893	7.0700e-003	0.1873	0.1072	0.2945	0.0501	0.1018	0.1519	0.0000	615.3868	615.3868	0.1028	8.7400e-003	620.5613
2026	0.5603	1.9594	2.5152	5.2700e-003	0.1259	0.0820	0.2079	0.0336	0.0787	0.1124	0.0000	451.7445	451.7445	0.0672	5.3300e-003	455.0130
Maximum	**0.5603**	**2.5778**	**3.2893**	**7.0700e-003**	**0.1873**	**0.1072**	**0.2945**	**0.0501**	**0.1018**	**0.1519**	**0.0000**	**615.3868**	**615.3868**	**0.1028**	**8.7400e-003**	**620.5613**

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	0.0921	0.6056	3.2077	5.8300e-003	0.1359	8.0700e-003	0.1440	0.0352	8.0000e-003	0.0432	0.0000	516.2853	516.2853	0.1008	6.9800e-003	520.8855
2025	0.2995	0.6933	3.3967	6.6500e-003	0.1873	8.6700e-003	0.1960	0.0501	8.5700e-003	0.0586	0.0000	588.4397	588.4397	0.1000	8.7400e-003	593.5442
2026	0.3708	0.4464	2.4514	4.8000e-003	0.1259	6.1100e-003	0.1320	0.0336	6.0500e-003	0.0397	0.0000	421.1313	421.1313	0.0640	5.3300e-003	424.3203
Maximum	**0.3708**	**0.6933**	**3.3967**	**6.6500e-003**	**0.1873**	**8.6700e-003**	**0.1960**	**0.0501**	**8.5700e-003**	**0.0586**	**0.0000**	**588.4397**	**588.4397**	**0.1008**	**8.7400e-003**	**593.5442**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	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	**43.57**	**74.25**	**-4.15**	**5.52**	**0.00**	**92.04**	**35.91**	**0.00**	**91.71**	**63.89**	**0.00**	**4.10**	**4.10**	**2.49**	**0.00**	**4.08**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**3-1-2024**	**5-31-2024**	0.9858	0.2486
2	**6-1-2024**	**8-31-2024**	0.6557	0.1916
3	**9-1-2024**	**11-30-2024**	0.6503	0.1912
4	**12-1-2024**	**2-28-2025**	0.6135	0.1889
5	**3-1-2025**	**5-31-2025**	0.6090	0.1908
6	**6-1-2025**	**8-31-2025**	0.7458	0.2368
7	**9-1-2025**	**11-30-2025**	1.0075	0.3274
8	**12-1-2025**	**2-28-2026**	0.9962	0.3235
9	**3-1-2026**	**5-31-2026**	1.0160	0.3283
10	**6-1-2026**	**8-31-2026**	0.8544	0.2768
		Highest	1.0160	0.3283

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.6163	7.8000e-003	0.4780	1.5600e-003		0.0780	0.0780		0.0780	0.0780	10.4401	0.0000	10.4401	0.0488	0.0000	11.6602
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	**0.6163**	**7.8000e-003**	**0.4780**	**1.5600e-003**	**0.0000**	**0.0780**	**0.0780**	**0.0000**	**0.0780**	**0.0780**	**10.4401**	**0.0000**	**10.4401**	**0.0488**	**0.0000**	**11.6602**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.6163	7.8000e-003	0.4780	1.5600e-003		0.0780	0.0780		0.0780	0.0780	10.4401	0.0000	10.4401	0.0488	0.0000	11.6602
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	**0.6163**	**7.8000e-003**	**0.4780**	**1.5600e-003**	**0.0000**	**0.0780**	**0.0780**	**0.0000**	**0.0780**	**0.0780**	**10.4401**	**0.0000**	**10.4401**	**0.0488**	**0.0000**	**11.6602**

	ROG	NOx	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	HP - Demolition - Phase 1	Demolition	3/1/2024	5/8/2024	5	49	
2	HP - Building Construction	Building Construction	5/9/2024	8/10/2026	5	588	
3	HP - Phase 1 Architectural Coating	Architectural Coating	8/1/2025	8/26/2026	5	279	

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 315,900; Residential Outdoor: 105,300; 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
HP - Demolition - Phase 1	Concrete/Industrial Saws	2	8.00	81	0.73
HP - Demolition - Phase 1	Excavators	4	8.00	158	0.38
HP - Demolition - Phase 1	Generator Sets	2	8.00	84	0.74
HP - Demolition - Phase 1	Rubber Tired Dozers	0	8.00	247	0.40
HP - Demolition - Phase 1	Rubber Tired Loaders	2	8.00	203	0.36
HP - Demolition - Phase 1	Sweepers/Scrubbers	2	8.00	64	0.46
HP - Demolition - Phase 1	Tractors/Loaders/Backhoes	4	8.00	97	0.37
HP - Building Construction	Air Compressors	2	8.00	78	0.48
HP - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
HP - Building Construction	Cranes	2	8.00	231	0.29
HP - Building Construction	Forklifts	0	8.00	89	0.20
HP - Building Construction	Generator Sets	0	8.00	84	0.74
HP - Building Construction	Rough Terrain Forklifts	2	8.00	100	0.40
HP - Building Construction	Sweepers/Scrubbers	2	8.00	64	0.46
HP - Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
HP - Building Construction	Welders	0	8.00	46	0.45
HP - Phase 1 Architectural Coating	Air Compressors	3	8.00	78	0.48
HP - Phase 1 Architectural Coating	Cement and Mortar Mixers	6	8.00	9	0.56
HP - Phase 1 Architectural Coating	Pressure Washers	3	8.00	13	0.30

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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
HP - Demolition - Phase 1	16	40.00	0.00	96.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
HP - Building Construction	10	112.00	17.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
HP - Phase 1 Architectural Coating	12	22.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

3.2 HP - Demolition - Phase 1 - 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					0.0104	0.0000	0.0104	1.5700e-003	0.0000	1.5700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0820	0.7153	1.0647	1.8700e-003		0.0327	0.0327		0.0310	0.0310	0.0000	163.2037	163.2037	0.0377	0.0000	164.1456
Total	**0.0820**	**0.7153**	**1.0647**	**1.8700e-003**	**0.0104**	**0.0327**	**0.0431**	**1.5700e-003**	**0.0310**	**0.0326**	**0.0000**	**163.2037**	**163.2037**	**0.0377**	**0.0000**	**164.1456**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 HP - Demolition - Phase 1 - 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	1.8000e-004	0.0152	3.1900e-003	7.0000e-005	2.0600e-003	1.0000e-004	2.1600e-003	5.7000e-004	9.0000e-005	6.6000e-004	0.0000	6.7186	6.7186	3.8000e-004	1.0700e-003	7.0463
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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-003	2.2000e-003	0.0311	9.0000e-005	0.0107	6.0000e-005	0.0108	2.8500e-003	6.0000e-005	2.9100e-003	0.0000	8.3063	8.3063	2.1000e-004	2.1000e-004	8.3731
Total	**3.0800e-003**	**0.0174**	**0.0342**	**1.6000e-004**	**0.0128**	**1.6000e-004**	**0.0130**	**3.4200e-003**	**1.5000e-004**	**3.5700e-003**	**0.0000**	**15.0249**	**15.0249**	**5.9000e-004**	**1.2800e-003**	**15.4194**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0104	0.0000	0.0104	1.5700e-003	0.0000	1.5700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0231	0.1565	1.2344	1.8700e-003		2.8700e-003	2.8700e-003		2.8700e-003	2.8700e-003	0.0000	163.2035	163.2035	0.0377	0.0000	164.1454
Total	**0.0231**	**0.1565**	**1.2344**	**1.8700e-003**	**0.0104**	**2.8700e-003**	**0.0132**	**1.5700e-003**	**2.8700e-003**	**4.4400e-003**	**0.0000**	**163.2035**	**163.2035**	**0.0377**	**0.0000**	**164.1454**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 HP - Demolition - Phase 1 - 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	1.8000e-004	0.0152	3.1900e-003	7.0000e-005	2.0600e-003	1.0000e-004	2.1600e-003	5.7000e-004	9.0000e-005	6.6000e-004	0.0000	6.7186	6.7186	3.8000e-004	1.0700e-003	7.0463
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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-003	2.2000e-003	0.0311	9.0000e-005	0.0107	6.0000e-005	0.0108	2.8500e-003	6.0000e-005	2.9100e-003	0.0000	8.3063	8.3063	2.1000e-004	2.1000e-004	8.3731
Total	**3.0800e-003**	**0.0174**	**0.0342**	**1.6000e-004**	**0.0128**	**1.6000e-004**	**0.0130**	**3.4200e-003**	**1.5000e-004**	**3.5700e-003**	**0.0000**	**15.0249**	**15.0249**	**5.9000e-004**	**1.2800e-003**	**15.4194**

3.3 HP - 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	0.1532	1.4292	1.4708	2.7800e-003		0.0643	0.0643		0.0604	0.0604	0.0000	239.8602	239.8602	0.0605	0.0000	241.3728
Total	**0.1532**	**1.4292**	**1.4708**	**2.7800e-003**		**0.0643**	**0.0643**		**0.0604**	**0.0604**	**0.0000**	**239.8602**	**239.8602**	**0.0605**	**0.0000**	**241.3728**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 HP - Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5700e-003	0.0580	0.0212	2.6000e-004	9.0500e-003	2.8000e-004	9.3300e-003	2.6100e-003	2.7000e-004	2.8800e-003	0.0000	25.7269	25.7269	8.8000e-004	3.7100e-003	26.8532
Worker	0.0280	0.0213	0.2998	8.7000e-004	0.1037	6.1000e-004	0.1043	0.0275	5.6000e-004	0.0281	0.0000	80.2151	80.2151	1.9900e-003	2.0000e-003	80.8600
Total	**0.0296**	**0.0793**	**0.3211**	**1.1300e-003**	**0.1128**	**8.9000e-004**	**0.1137**	**0.0302**	**8.3000e-004**	**0.0310**	**0.0000**	**105.9420**	**105.9420**	**2.8700e-003**	**5.7100e-003**	**107.7132**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0364	0.3524	1.6180	2.6600e-003		4.1500e-003	4.1500e-003		4.1500e-003	4.1500e-003	0.0000	232.1150	232.1150	0.0597	0.0000	233.6076
Total	**0.0364**	**0.3524**	**1.6180**	**2.6600e-003**		**4.1500e-003**	**4.1500e-003**		**4.1500e-003**	**4.1500e-003**	**0.0000**	**232.1150**	**232.1150**	**0.0597**	**0.0000**	**233.6076**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 HP - Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5700e-003	0.0580	0.0212	2.6000e-004	9.0500e-003	2.8000e-004	9.3300e-003	2.6100e-003	2.7000e-004	2.8800e-003	0.0000	25.7269	25.7269	8.8000e-004	3.7100e-003	26.8532
Worker	0.0280	0.0213	0.2998	8.7000e-004	0.1037	6.1000e-004	0.1043	0.0275	5.6000e-004	0.0281	0.0000	80.2151	80.2151	1.9900e-003	2.0000e-003	80.8600
Total	**0.0296**	**0.0793**	**0.3211**	**1.1300e-003**	**0.1128**	**8.9000e-004**	**0.1137**	**0.0302**	**8.3000e-004**	**0.0310**	**0.0000**	**105.9420**	**105.9420**	**2.8700e-003**	**5.7100e-003**	**107.7132**

3.3 HP - 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	0.2228	2.0386	2.2564	4.2900e-003		0.0879	0.0879		0.0826	0.0826	0.0000	370.4350	370.4350	0.0933	0.0000	372.7672
Total	**0.2228**	**2.0386**	**2.2564**	**4.2900e-003**		**0.0879**	**0.0879**		**0.0826**	**0.0826**	**0.0000**	**370.4350**	**370.4350**	**0.0933**	**0.0000**	**372.7672**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 HP - 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	2.3600e-003	0.0892	0.0322	4.0000e-004	0.0140	4.3000e-004	0.0144	4.0400e-003	4.1000e-004	4.4500e-003	0.0000	39.0172	39.0172	1.3600e-003	5.6200e-003	40.7273
Worker	0.0405	0.0295	0.4309	1.3100e-003	0.1602	9.0000e-004	0.1611	0.0425	8.2000e-004	0.0434	0.0000	119.6729	119.6729	2.7700e-003	2.8800e-003	120.6004
Total	**0.0429**	**0.1186**	**0.4631**	**1.7100e-003**	**0.1741**	**1.3300e-003**	**0.1755**	**0.0466**	**1.2300e-003**	**0.0478**	**0.0000**	**158.6901**	**158.6901**	**4.1300e-003**	**8.5000e-003**	**161.3277**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0562	0.5442	2.4988	4.1000e-003		6.4000e-003	6.4000e-003		6.4000e-003	6.4000e-003	0.0000	358.4735	358.4735	0.0921	0.0000	360.7747
Total	**0.0562**	**0.5442**	**2.4988**	**4.1000e-003**		**6.4000e-003**	**6.4000e-003**		**6.4000e-003**	**6.4000e-003**	**0.0000**	**358.4735**	**358.4735**	**0.0921**	**0.0000**	**360.7747**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 HP - 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	2.3600e-003	0.0892	0.0322	4.0000e-004	0.0140	4.3000e-004	0.0144	4.0400e-003	4.1000e-004	4.4500e-003	0.0000	39.0172	39.0172	1.3600e-003	5.6200e-003	40.7273
Worker	0.0405	0.0295	0.4309	1.3100e-003	0.1602	9.0000e-004	0.1611	0.0425	8.2000e-004	0.0434	0.0000	119.6729	119.6729	2.7700e-003	2.8800e-003	120.6004
Total	**0.0429**	**0.1186**	**0.4631**	**1.7100e-003**	**0.1741**	**1.3300e-003**	**0.1755**	**0.0466**	**1.2300e-003**	**0.0478**	**0.0000**	**158.6901**	**158.6901**	**4.1300e-003**	**8.5000e-003**	**161.3277**

3.3 HP - 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	0.1349	1.2341	1.3659	2.6000e-003		0.0532	0.0532		0.0500	0.0500	0.0000	224.2480	224.2480	0.0565	0.0000	225.6598
Total	**0.1349**	**1.2341**	**1.3659**	**2.6000e-003**		**0.0532**	**0.0532**		**0.0500**	**0.0500**	**0.0000**	**224.2480**	**224.2480**	**0.0565**	**0.0000**	**225.6598**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 HP - 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	1.3900e-003	0.0536	0.0192	2.4000e-004	8.4600e-003	2.6000e-004	8.7300e-003	2.4400e-003	2.5000e-004	2.6900e-003	0.0000	23.1815	23.1815	8.3000e-004	3.3400e-003	24.1986
Worker	0.0231	0.0162	0.2447	7.7000e-004	0.0970	5.1000e-004	0.0975	0.0258	4.7000e-004	0.0262	0.0000	70.2437	70.2437	1.5200e-003	1.6400e-003	70.7713
Total	**0.0245**	**0.0698**	**0.2639**	**1.0100e-003**	**0.1054**	**7.7000e-004**	**0.1062**	**0.0282**	**7.2000e-004**	**0.0289**	**0.0000**	**93.4253**	**93.4253**	**2.3500e-003**	**4.9800e-003**	**94.9698**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0340	0.3294	1.5127	2.4800e-003		3.8800e-003	3.8800e-003		3.8800e-003	3.8800e-003	0.0000	217.0070	217.0070	0.0557	0.0000	218.4000
Total	**0.0340**	**0.3294**	**1.5127**	**2.4800e-003**		**3.8800e-003**	**3.8800e-003**		**3.8800e-003**	**3.8800e-003**	**0.0000**	**217.0070**	**217.0070**	**0.0557**	**0.0000**	**218.4000**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 HP - 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	1.3900e-003	0.0536	0.0192	2.4000e-004	8.4600e-003	2.6000e-004	8.7300e-003	2.4400e-003	2.5000e-004	2.6900e-003	0.0000	23.1815	23.1815	8.3000e-004	3.3400e-003	24.1986
Worker	0.0231	0.0162	0.2447	7.7000e-004	0.0970	5.1000e-004	0.0975	0.0258	4.7000e-004	0.0262	0.0000	70.2437	70.2437	1.5200e-003	1.6400e-003	70.7713
Total	**0.0245**	**0.0698**	**0.2639**	**1.0100e-003**	**0.1054**	**7.7000e-004**	**0.1062**	**0.0282**	**7.2000e-004**	**0.0289**	**0.0000**	**93.4253**	**93.4253**	**2.3500e-003**	**4.9800e-003**	**94.9698**

3.4 HP - Phase 1 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	0.1907					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0633	0.4181	0.5345	9.7000e-004		0.0179	0.0179		0.0179	0.0179	0.0000	76.4446	76.4446	5.1400e-003	0.0000	76.5732
Total	**0.2540**	**0.4181**	**0.5345**	**9.7000e-004**		**0.0179**	**0.0179**		**0.0179**	**0.0179**	**0.0000**	**76.4446**	**76.4446**	**5.1400e-003**	**0.0000**	**76.5732**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 HP - Phase 1 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	3.3200e-003	2.4200e-003	0.0354	1.1000e-004	0.0131	7.0000e-005	0.0132	3.4900e-003	7.0000e-005	3.5600e-003	0.0000	9.8172	9.8172	2.3000e-004	2.4000e-004	9.8933
Total	**3.3200e-003**	**2.4200e-003**	**0.0354**	**1.1000e-004**	**0.0131**	**7.0000e-005**	**0.0132**	**3.4900e-003**	**7.0000e-005**	**3.5600e-003**	**0.0000**	**9.8172**	**9.8172**	**2.3000e-004**	**2.4000e-004**	**9.8933**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1907					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.4800e-003	0.0281	0.3995	7.4000e-004		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004	0.0000	61.4589	61.4589	3.5900e-003	0.0000	61.5486
Total	**0.1972**	**0.0281**	**0.3995**	**7.4000e-004**		**8.6000e-004**	**8.6000e-004**		**8.6000e-004**	**8.6000e-004**	**0.0000**	**61.4589**	**61.4589**	**3.5900e-003**	**0.0000**	**61.5486**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 HP - Phase 1 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	3.3200e-003	2.4200e-003	0.0354	1.1000e-004	0.0131	7.0000e-005	0.0132	3.4900e-003	7.0000e-005	3.5600e-003	0.0000	9.8172	9.8172	2.3000e-004	2.4000e-004	9.8933
Total	**3.3200e-003**	**2.4200e-003**	**0.0354**	**1.1000e-004**	**0.0131**	**7.0000e-005**	**0.0132**	**3.4900e-003**	**7.0000e-005**	**3.5600e-003**	**0.0000**	**9.8172**	**9.8172**	**2.3000e-004**	**2.4000e-004**	**9.8933**

3.4 HP - Phase 1 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	0.2974					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0987	0.6521	0.8336	1.5100e-003		0.0279	0.0279		0.0279	0.0279	0.0000	119.2255	119.2255	8.0200e-003	0.0000	119.4260
Total	**0.3961**	**0.6521**	**0.8336**	**1.5100e-003**		**0.0279**	**0.0279**		**0.0279**	**0.0279**	**0.0000**	**119.2255**	**119.2255**	**8.0200e-003**	**0.0000**	**119.4260**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 HP - Phase 1 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	4.8800e-003	3.4200e-003	0.0517	1.6000e-004	0.0205	1.1000e-004	0.0206	5.4400e-003	1.0000e-004	5.5400e-003	0.0000	14.8458	14.8458	3.2000e-004	3.5000e-004	14.9573
Total	**4.8800e-003**	**3.4200e-003**	**0.0517**	**1.6000e-004**	**0.0205**	**1.1000e-004**	**0.0206**	**5.4400e-003**	**1.0000e-004**	**5.5400e-003**	**0.0000**	**14.8458**	**14.8458**	**3.2000e-004**	**3.5000e-004**	**14.9573**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2974					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0101	0.0438	0.6230	1.1500e-003		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003	0.0000	95.8533	95.8533	5.5900e-003	0.0000	95.9932
Total	**0.3075**	**0.0438**	**0.6230**	**1.1500e-003**		**1.3500e-003**	**1.3500e-003**		**1.3500e-003**	**1.3500e-003**	**0.0000**	**95.8533**	**95.8533**	**5.5900e-003**	**0.0000**	**95.9932**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 HP - Phase 1 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	4.8800e-003	3.4200e-003	0.0517	1.6000e-004	0.0205	1.1000e-004	0.0206	5.4400e-003	1.0000e-004	5.5400e-003	0.0000	14.8458	14.8458	3.2000e-004	3.5000e-004	14.9573
Total	**4.8800e-003**	**3.4200e-003**	**0.0517**	**1.6000e-004**	**0.0205**	**1.1000e-004**	**0.0206**	**5.4400e-003**	**1.0000e-004**	**5.5400e-003**	**0.0000**	**14.8458**	**14.8458**	**3.2000e-004**	**3.5000e-004**	**14.9573**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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
Apartments Mid Rise	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
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	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					
Apartments Mid Rise	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**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	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			
Apartments Mid Rise	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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6163	7.8000e-003	0.4780	1.5600e-003		0.0780	0.0780		0.0780	0.0780	10.4401	0.0000	10.4401	0.0488	0.0000	11.6602
Unmitigated	0.6163	7.8000e-003	0.4780	1.5600e-003		0.0780	0.0780		0.0780	0.0780	10.4401	0.0000	10.4401	0.0488	0.0000	11.6602

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	0.5637					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0526	7.8000e-003	0.4780	1.5600e-003		0.0780	0.0780		0.0780	0.0780	10.4401	0.0000	10.4401	0.0488	0.0000	11.6602
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	**0.6163**	**7.8000e-003**	**0.4780**	**1.5600e-003**		**0.0780**	**0.0780**		**0.0780**	**0.0780**	**10.4401**	**0.0000**	**10.4401**	**0.0488**	**0.0000**	**11.6602**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.5637					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0526	7.8000e-003	0.4780	1.5600e-003		0.0780	0.0780		0.0780	0.0780	10.4401	0.0000	10.4401	0.0488	0.0000	11.6602
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	**0.6163**	**7.8000e-003**	**0.4780**	**1.5600e-003**		**0.0780**	**0.0780**		**0.0780**	**0.0780**	**10.4401**	**0.0000**	**10.4401**	**0.0488**	**0.0000**	**11.6602**

7.0 Water Detail

7.1 Mitigation Measures Water

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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			
Apartments Mid Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	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			
Apartments Mid Rise	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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	144.00	Dwelling Unit	3.79	144,000.00	412

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2028
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - See Assumptions

Off-road Equipment - See Assumptions - All Equipment is Tier 4 or Electric based on Project Description

Off-road Equipment - See Assumptions - All Equipment is Tier 4 or Electric based on Project Description

Off-road Equipment - No equipment phase only to account for haul trucks during demo

Off-road Equipment - See Assumptions - All Equipment is Tier 4 or Electric based on Project Description

Trips and VMT - See Assumptions.

Demolition - See Assumptions

Architectural Coating - See Assumptions

Vehicle Trips - Operational emissions not modeled assumed consistent with Existing Conditions

Road Dust -

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Woodstoves - Operational emissions not modeled assumed consistent with Existing Conditions

Consumer Products - Operational emissions not modeled assumed consistent with Existing Conditions

Area Coating - Operational emissions not modeled assumed consistent with Existing Conditions

Landscape Equipment - Operational emissions not modeled assumed consistent with Existing Conditions

Energy Use - Operational emissions modeled separately

Water And Wastewater - Operational emissions not modeled assumed consistent with Existing Conditions

Solid Waste - Operational emissions not modeled assumed consistent with Existing Conditions

Construction Off-road Equipment Mitigation - Electrical and Tier 4 equipment are part of the Project Description. Therefore CalEEMod's "Mitigated" scenario is actually the Unmitigated Project Scenario.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	18.00	176.00
tblConstructionPhase	NumDays	230.00	351.00
tblConstructionPhase	NumDays	20.00	31.00
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	NT24E	3,054.10	0.00
tblEnergyUse	NT24NG	4,831.00	0.00
tblEnergyUse	T24E	35.05	0.00
tblEnergyUse	T24NG	4,179.80	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblLandscapeEquipment	NumberSummerDays	250	0
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblSolidWaste	SolidWasteGenerationRate	66.24	0.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblWater	IndoorWaterUseRate	9,382,179.69	0.00
tblWater	OutdoorWaterUseRate	5,914,852.41	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.1065	0.8886	1.2724	2.5700e-003	0.0534	0.0370	0.0904	0.0132	0.0349	0.0481	0.0000	225.9393	225.9393	0.0453	2.6700e-003	227.8693
2027	0.6856	2.6590	3.3374	7.0900e-003	0.1766	0.1112	0.2878	0.0472	0.1059	0.1531	0.0000	613.9354	613.9354	0.1032	7.4200e-003	618.7274
2028	0.1622	0.4281	0.5431	1.1300e-003	0.0251	0.0180	0.0431	6.7000e-003	0.0173	0.0240	0.0000	95.8486	95.8486	0.0142	9.5000e-004	96.4877
Maximum	**0.6856**	**2.6590**	**3.3374**	**7.0900e-003**	**0.1766**	**0.1112**	**0.2878**	**0.0472**	**0.1059**	**0.1531**	**0.0000**	**613.9354**	**613.9354**	**0.1032**	**7.4200e-003**	**618.7274**

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	0.0368	0.2552	1.4349	2.5300e-003	0.0534	3.6000e-003	0.0570	0.0132	3.5700e-003	0.0168	0.0000	223.3269	223.3269	0.0451	2.6700e-003	225.2501
2027	0.4486	0.6815	3.4126	6.6200e-003	0.1766	8.6700e-003	0.1853	0.0472	8.5900e-003	0.0558	0.0000	583.4137	583.4137	0.1001	7.4200e-003	588.1264
2028	0.1197	0.0924	0.5230	1.0100e-003	0.0251	1.2900e-003	0.0264	6.7000e-003	1.2800e-003	7.9800e-003	0.0000	88.6994	88.6994	0.0135	9.5000e-004	89.3200
Maximum	**0.4486**	**0.6815**	**3.4126**	**6.6200e-003**	**0.1766**	**8.6700e-003**	**0.1853**	**0.0472**	**8.5900e-003**	**0.0558**	**0.0000**	**583.4137**	**583.4137**	**0.1001**	**7.4200e-003**	**588.1264**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	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	**36.59**	**74.12**	**-4.22**	**5.84**	**0.00**	**91.84**	**36.23**	**0.00**	**91.50**	**64.24**	**0.00**	**4.31**	**4.31**	**2.57**	**0.00**	**4.28**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**9-1-2026**	**11-30-2026**	0.7815	0.2260
2	**12-1-2026**	**2-28-2027**	0.5914	0.1823
3	**3-1-2027**	**5-31-2027**	0.6027	0.1845
4	**6-1-2027**	**8-31-2027**	0.9278	0.3192
5	**9-1-2027**	**11-30-2027**	1.0532	0.3730
6	**12-1-2027**	**2-29-2028**	0.9629	0.3448
		Highest	1.0532	0.3730

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.5203	0.0000	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	**0.5203**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.5203	0.0000	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	**0.5203**	**0.0000**	**0.0000**	**0.0000**	**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	HP - Demolition - Phase 1	Demolition	9/1/2026	10/13/2026	5	31	
2	HP - Building Construction	Building Construction	10/14/2026	2/16/2028	5	351	
3	HP - Phase 1 Architectural Coating	Architectural Coating	6/28/2027	2/28/2028	5	176	

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 291,600; Residential Outdoor: 97,200; 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
HP - Demolition - Phase 1	Concrete/Industrial Saws	2	8.00	81	0.73
HP - Demolition - Phase 1	Excavators	4	8.00	158	0.38
HP - Demolition - Phase 1	Generator Sets	2	8.00	84	0.74
HP - Demolition - Phase 1	Rubber Tired Dozers	0	8.00	247	0.40
HP - Demolition - Phase 1	Rubber Tired Loaders	2	8.00	203	0.36
HP - Demolition - Phase 1	Sweepers/Scrubbers	2	8.00	64	0.46
HP - Demolition - Phase 1	Tractors/Loaders/Backhoes	4	8.00	97	0.37
HP - Building Construction	Air Compressors	2	8.00	78	0.48
HP - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
HP - Building Construction	Cranes	2	8.00	231	0.29
HP - Building Construction	Forklifts	0	8.00	89	0.20
HP - Building Construction	Generator Sets	0	8.00	84	0.74
HP - Building Construction	Rough Terrain Forklifts	2	8.00	100	0.40
HP - Building Construction	Sweepers/Scrubbers	2	8.00	64	0.46
HP - Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
HP - Building Construction	Welders	0	8.00	46	0.45
HP - Phase 1 Architectural Coating	Air Compressors	3	8.00	78	0.48
HP - Phase 1 Architectural Coating	Cement and Mortar Mixers	6	8.00	9	0.56
HP - Phase 1 Architectural Coating	Pressure Washers	3	8.00	13	0.30

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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
HP - Demolition - Phase 1	16	40.00	0.00	88.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
HP - Building Construction	10	104.00	15.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
HP - Phase 1 Architectural Coating	12	21.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

3.2 HP - Demolition - Phase 1 - 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					9.5700e-003	0.0000	9.5700e-003	1.4500e-003	0.0000	1.4500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0479	0.4061	0.6714	1.1800e-003		0.0174	0.0174		0.0165	0.0165	0.0000	103.2747	103.2747	0.0237	0.0000	103.8678
Total	**0.0479**	**0.4061**	**0.6714**	**1.1800e-003**	**9.5700e-003**	**0.0174**	**0.0270**	**1.4500e-003**	**0.0165**	**0.0179**	**0.0000**	**103.2747**	**103.2747**	**0.0237**	**0.0000**	**103.8678**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 HP - Demolition - Phase 1 - 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	1.6000e-004	0.0137	3.0200e-003	6.0000e-005	1.8900e-003	9.0000e-005	1.9800e-003	5.2000e-004	9.0000e-005	6.1000e-004	0.0000	5.9327	5.9327	3.6000e-004	9.4000e-004	6.2229
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6200e-003	1.1300e-003	0.0172	5.0000e-005	6.7900e-003	4.0000e-005	6.8300e-003	1.8000e-003	3.0000e-005	1.8400e-003	0.0000	4.9221	4.9221	1.1000e-004	1.2000e-004	4.9591
Total	**1.7800e-003**	**0.0148**	**0.0202**	**1.1000e-004**	**8.6800e-003**	**1.3000e-004**	**8.8100e-003**	**2.3200e-003**	**1.2000e-004**	**2.4500e-003**	**0.0000**	**10.8549**	**10.8549**	**4.7000e-004**	**1.0600e-003**	**11.1820**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					9.5700e-003	0.0000	9.5700e-003	1.4500e-003	0.0000	1.4500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0146	0.0990	0.7810	1.1800e-003		1.8200e-003	1.8200e-003		1.8200e-003	1.8200e-003	0.0000	103.2746	103.2746	0.0237	0.0000	103.8677
Total	**0.0146**	**0.0990**	**0.7810**	**1.1800e-003**	**9.5700e-003**	**1.8200e-003**	**0.0114**	**1.4500e-003**	**1.8200e-003**	**3.2700e-003**	**0.0000**	**103.2746**	**103.2746**	**0.0237**	**0.0000**	**103.8677**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 HP - Demolition - Phase 1 - 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	1.6000e-004	0.0137	3.0200e-003	6.0000e-005	1.8900e-003	9.0000e-005	1.9800e-003	5.2000e-004	9.0000e-005	6.1000e-004	0.0000	5.9327	5.9327	3.6000e-004	9.4000e-004	6.2229
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6200e-003	1.1300e-003	0.0172	5.0000e-005	6.7900e-003	4.0000e-005	6.8300e-003	1.8000e-003	3.0000e-005	1.8400e-003	0.0000	4.9221	4.9221	1.1000e-004	1.2000e-004	4.9591
Total	**1.7800e-003**	**0.0148**	**0.0202**	**1.1000e-004**	**8.6800e-003**	**1.3000e-004**	**8.8100e-003**	**2.3200e-003**	**1.2000e-004**	**2.4500e-003**	**0.0000**	**10.8549**	**10.8549**	**4.7000e-004**	**1.0600e-003**	**11.1820**

3.3 HP - 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	0.0487	0.4452	0.4928	9.4000e-004		0.0192	0.0192		0.0180	0.0180	0.0000	80.8996	80.8996	0.0204	0.0000	81.4089
Total	**0.0487**	**0.4452**	**0.4928**	**9.4000e-004**		**0.0192**	**0.0192**		**0.0180**	**0.0180**	**0.0000**	**80.8996**	**80.8996**	**0.0204**	**0.0000**	**81.4089**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 HP - 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	4.4000e-004	0.0171	6.1100e-003	8.0000e-005	2.6900e-003	8.0000e-005	2.7800e-003	7.8000e-004	8.0000e-005	8.6000e-004	0.0000	7.3791	7.3791	2.6000e-004	1.0600e-003	7.7028
Worker	7.7300e-003	5.4200e-003	0.0820	2.6000e-004	0.0325	1.7000e-004	0.0327	8.6300e-003	1.6000e-004	8.7900e-003	0.0000	23.5310	23.5310	5.1000e-004	5.5000e-004	23.7077
Total	**8.1700e-003**	**0.0225**	**0.0881**	**3.4000e-004**	**0.0352**	**2.5000e-004**	**0.0354**	**9.4100e-003**	**2.4000e-004**	**9.6500e-003**	**0.0000**	**30.9101**	**30.9101**	**7.7000e-004**	**1.6100e-003**	**31.4106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0123	0.1188	0.5457	9.0000e-004		1.4000e-003	1.4000e-003		1.4000e-003	1.4000e-003	0.0000	78.2873	78.2873	0.0201	0.0000	78.7899
Total	**0.0123**	**0.1188**	**0.5457**	**9.0000e-004**		**1.4000e-003**	**1.4000e-003**		**1.4000e-003**	**1.4000e-003**	**0.0000**	**78.2873**	**78.2873**	**0.0201**	**0.0000**	**78.7899**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 HP - 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	4.4000e-004	0.0171	6.1100e-003	8.0000e-005	2.6900e-003	8.0000e-005	2.7800e-003	7.8000e-004	8.0000e-005	8.6000e-004	0.0000	7.3791	7.3791	2.6000e-004	1.0600e-003	7.7028
Worker	7.7300e-003	5.4200e-003	0.0820	2.6000e-004	0.0325	1.7000e-004	0.0327	8.6300e-003	1.6000e-004	8.7900e-003	0.0000	23.5310	23.5310	5.1000e-004	5.5000e-004	23.7077
Total	**8.1700e-003**	**0.0225**	**0.0881**	**3.4000e-004**	**0.0352**	**2.5000e-004**	**0.0354**	**9.4100e-003**	**2.4000e-004**	**9.6500e-003**	**0.0000**	**30.9101**	**30.9101**	**7.7000e-004**	**1.6100e-003**	**31.4106**

3.3 HP - 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	0.2228	2.0386	2.2564	4.2900e-003		0.0879	0.0879		0.0826	0.0826	0.0000	370.4350	370.4350	0.0933	0.0000	372.7672
Total	**0.2228**	**2.0386**	**2.2564**	**4.2900e-003**		**0.0879**	**0.0879**		**0.0826**	**0.0826**	**0.0000**	**370.4350**	**370.4350**	**0.0933**	**0.0000**	**372.7672**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 HP - 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	1.9800e-003	0.0775	0.0277	3.4000e-004	0.0123	3.8000e-004	0.0127	3.5600e-003	3.6000e-004	3.9200e-003	0.0000	33.1238	33.1238	1.2100e-003	4.7800e-003	34.5788
Worker	0.0334	0.0227	0.3544	1.1400e-003	0.1487	7.4000e-004	0.1495	0.0395	6.8000e-004	0.0402	0.0000	104.7564	104.7564	2.1400e-003	2.3900e-003	105.5221
Total	**0.0354**	**0.1002**	**0.3820**	**1.4800e-003**	**0.1611**	**1.1200e-003**	**0.1622**	**0.0431**	**1.0400e-003**	**0.0441**	**0.0000**	**137.8803**	**137.8803**	**3.3500e-003**	**7.1700e-003**	**140.1008**

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	tons/yr										MT/yr					
Off-Road	0.0562	0.5442	2.4988	4.1000e-003		6.4000e-003	6.4000e-003		6.4000e-003	6.4000e-003	0.0000	358.4735	358.4735	0.0921	0.0000	360.7747
Total	**0.0562**	**0.5442**	**2.4988**	**4.1000e-003**		**6.4000e-003**	**6.4000e-003**		**6.4000e-003**	**6.4000e-003**	**0.0000**	**358.4735**	**358.4735**	**0.0921**	**0.0000**	**360.7747**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 HP - 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	1.9800e-003	0.0775	0.0277	3.4000e-004	0.0123	3.8000e-004	0.0127	3.5600e-003	3.6000e-004	3.9200e-003	0.0000	33.1238	33.1238	1.2100e-003	4.7800e-003	34.5788
Worker	0.0334	0.0227	0.3544	1.1400e-003	0.1487	7.4000e-004	0.1495	0.0395	6.8000e-004	0.0402	0.0000	104.7564	104.7564	2.1400e-003	2.3900e-003	105.5221
Total	**0.0354**	**0.1002**	**0.3820**	**1.4800e-003**	**0.1611**	**1.1200e-003**	**0.1622**	**0.0431**	**1.0400e-003**	**0.0441**	**0.0000**	**137.8803**	**137.8803**	**3.3500e-003**	**7.1700e-003**	**140.1008**

3.3 HP - 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	0.0282	0.2578	0.2853	5.4000e-004		0.0111	0.0111		0.0104	0.0104	0.0000	46.8366	46.8366	0.0118	0.0000	47.1315
Total	**0.0282**	**0.2578**	**0.2853**	**5.4000e-004**		**0.0111**	**0.0111**		**0.0104**	**0.0104**	**0.0000**	**46.8366**	**46.8366**	**0.0118**	**0.0000**	**47.1315**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 HP - 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	2.5000e-004	9.7300e-003	3.4700e-003	4.0000e-005	1.5600e-003	5.0000e-005	1.6100e-003	4.5000e-004	5.0000e-005	5.0000e-004	0.0000	4.1080	4.1080	1.5000e-004	5.9000e-004	4.2886
Worker	3.9900e-003	2.6400e-003	0.0426	1.4000e-004	0.0188	9.0000e-005	0.0189	4.9900e-003	8.0000e-005	5.0700e-003	0.0000	12.9106	12.9106	2.5000e-004	2.9000e-004	13.0028
Total	**4.2400e-003**	**0.0124**	**0.0461**	**1.8000e-004**	**0.0204**	**1.4000e-004**	**0.0205**	**5.4400e-003**	**1.3000e-004**	**5.5700e-003**	**0.0000**	**17.0187**	**17.0187**	**4.0000e-004**	**8.8000e-004**	**17.2914**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.1000e-003	0.0688	0.3159	5.2000e-004		8.1000e-004	8.1000e-004		8.1000e-004	8.1000e-004	0.0000	45.3242	45.3242	0.0116	0.0000	45.6152
Total	**7.1000e-003**	**0.0688**	**0.3159**	**5.2000e-004**		**8.1000e-004**	**8.1000e-004**		**8.1000e-004**	**8.1000e-004**	**0.0000**	**45.3242**	**45.3242**	**0.0116**	**0.0000**	**45.6152**

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3.3 HP - 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	2.5000e-004	9.7300e-003	3.4700e-003	4.0000e-005	1.5600e-003	5.0000e-005	1.6100e-003	4.5000e-004	5.0000e-005	5.0000e-004	0.0000	4.1080	4.1080	1.5000e-004	5.9000e-004	4.2886
Worker	3.9900e-003	2.6400e-003	0.0426	1.4000e-004	0.0188	9.0000e-005	0.0189	4.9900e-003	8.0000e-005	5.0700e-003	0.0000	12.9106	12.9106	2.5000e-004	2.9000e-004	13.0028
Total	**4.2400e-003**	**0.0124**	**0.0461**	**1.8000e-004**	**0.0204**	**1.4000e-004**	**0.0205**	**5.4400e-003**	**1.3000e-004**	**5.5700e-003**	**0.0000**	**17.0187**	**17.0187**	**4.0000e-004**	**8.8000e-004**	**17.2914**

3.4 HP - Phase 1 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	0.3456					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0784	0.5179	0.6620	1.2000e-003		0.0222	0.0222		0.0222	0.0222	0.0000	94.6791	94.6791	6.3700e-003	0.0000	94.8383
Total	**0.4240**	**0.5179**	**0.6620**	**1.2000e-003**		**0.0222**	**0.0222**		**0.0222**	**0.0222**	**0.0000**	**94.6791**	**94.6791**	**6.3700e-003**	**0.0000**	**94.8383**

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3.4 HP - Phase 1 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	3.4900e-003	2.3700e-003	0.0370	1.2000e-004	0.0155	8.0000e-005	0.0156	4.1300e-003	7.0000e-005	4.2000e-003	0.0000	10.9411	10.9411	2.2000e-004	2.5000e-004	11.0210
Total	**3.4900e-003**	**2.3700e-003**	**0.0370**	**1.2000e-004**	**0.0155**	**8.0000e-005**	**0.0156**	**4.1300e-003**	**7.0000e-005**	**4.2000e-003**	**0.0000**	**10.9411**	**10.9411**	**2.2000e-004**	**2.5000e-004**	**11.0210**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3456					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.0200e-003	0.0348	0.4948	9.1000e-004		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	76.1188	76.1188	4.4400e-003	0.0000	76.2299
Total	**0.3536**	**0.0348**	**0.4948**	**9.1000e-004**		**1.0700e-003**	**1.0700e-003**		**1.0700e-003**	**1.0700e-003**	**0.0000**	**76.1188**	**76.1188**	**4.4400e-003**	**0.0000**	**76.2299**

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3.4 HP - Phase 1 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	3.4900e-003	2.3700e-003	0.0370	1.2000e-004	0.0155	8.0000e-005	0.0156	4.1300e-003	7.0000e-005	4.2000e-003	0.0000	10.9411	10.9411	2.2000e-004	2.5000e-004	11.0210
Total	**3.4900e-003**	**2.3700e-003**	**0.0370**	**1.2000e-004**	**0.0155**	**8.0000e-005**	**0.0156**	**4.1300e-003**	**7.0000e-005**	**4.2000e-003**	**0.0000**	**10.9411**	**10.9411**	**2.2000e-004**	**2.5000e-004**	**11.0210**

3.4 HP - Phase 1 Architectural Coating - 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					
Archit. Coating	0.1050					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0238	0.1573	0.2011	3.6000e-004		6.7400e-003	6.7400e-003		6.7400e-003	6.7400e-003	0.0000	28.7544	28.7544	1.9300e-003	0.0000	28.8028
Total	**0.1288**	**0.1573**	**0.2011**	**3.6000e-004**		**6.7400e-003**	**6.7400e-003**		**6.7400e-003**	**6.7400e-003**	**0.0000**	**28.7544**	**28.7544**	**1.9300e-003**	**0.0000**	**28.8028**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 HP - Phase 1 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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-003	6.6000e-004	0.0107	4.0000e-005	4.7200e-003	2.0000e-005	4.7400e-003	1.2500e-003	2.0000e-005	1.2700e-003	0.0000	3.2389	3.2389	6.0000e-005	7.0000e-005	3.2621
Total	**1.0000e-003**	**6.6000e-004**	**0.0107**	**4.0000e-005**	**4.7200e-003**	**2.0000e-005**	**4.7400e-003**	**1.2500e-003**	**2.0000e-005**	**1.2700e-003**	**0.0000**	**3.2389**	**3.2389**	**6.0000e-005**	**7.0000e-005**	**3.2621**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1050					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4400e-003	0.0106	0.1503	2.8000e-004		3.2000e-004	3.2000e-004		3.2000e-004	3.2000e-004	0.0000	23.1176	23.1176	1.3500e-003	0.0000	23.1513
Total	**0.1074**	**0.0106**	**0.1503**	**2.8000e-004**		**3.2000e-004**	**3.2000e-004**		**3.2000e-004**	**3.2000e-004**	**0.0000**	**23.1176**	**23.1176**	**1.3500e-003**	**0.0000**	**23.1513**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 HP - Phase 1 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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-003	6.6000e-004	0.0107	4.0000e-005	4.7200e-003	2.0000e-005	4.7400e-003	1.2500e-003	2.0000e-005	1.2700e-003	0.0000	3.2389	3.2389	6.0000e-005	7.0000e-005	3.2621
Total	**1.0000e-003**	**6.6000e-004**	**0.0107**	**4.0000e-005**	**4.7200e-003**	**2.0000e-005**	**4.7400e-003**	**1.2500e-003**	**2.0000e-005**	**1.2700e-003**	**0.0000**	**3.2389**	**3.2389**	**6.0000e-005**	**7.0000e-005**	**3.2621**

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
Apartments Mid Rise	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
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.533522	0.066597	0.191847	0.126396	0.023913	0.006761	0.011443	0.007995	0.000939	0.000579	0.025999	0.000713	0.003295

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	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					
Apartments Mid Rise	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**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	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			
Apartments Mid Rise	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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5203	0.0000	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	0.5203	0.0000	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	0.5203					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	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	**0.5203**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5203					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	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	**0.5203**	**0.0000**	**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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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			
Apartments Mid Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	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			
Apartments Mid Rise	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

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	178.00	Dwelling Unit	4.68	178,000.00	509

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2030
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - See Assumptions

Off-road Equipment - See Assumptions - All Equipment is Tier 4 or Electric based on Project Description

Off-road Equipment - See Assumptions - All Equipment is Tier 4 or Electric based on Project Description

Off-road Equipment - No equipment phase only to account for haul trucks during demo

Off-road Equipment - See Assumptions - All Equipment is Tier 4 or Electric based on Project Description

Trips and VMT - See Assumptions.

Demolition - See Assumptions

Architectural Coating - See Assumptions

Vehicle Trips - Operational emissions not modeled assumed consistent with Existing Conditions

Road Dust -

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Woodstoves - Operational emissions not modeled assumed consistent with Existing Conditions

Consumer Products - Operational emissions not modeled assumed consistent with Existing Conditions

Area Coating - Operational emissions not modeled assumed consistent with Existing Conditions

Landscape Equipment - Operational emissions not modeled assumed consistent with Existing Conditions

Energy Use - Operational emissions modeled separately

Water And Wastewater - Operational emissions not modeled assumed consistent with Existing Conditions

Solid Waste - Operational emissions not modeled assumed consistent with Existing Conditions

Construction Off-road Equipment Mitigation - Electrical and Tier 4 equipment are part of the Project Description. Therefore CalEEMod's "Mitigated" scenario is actually the Unmitigated Project Scenario.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	18.00	134.00
tblConstructionPhase	NumDays	230.00	269.00
tblConstructionPhase	NumDays	20.00	23.00
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	NT24E	3,054.10	0.00
tblEnergyUse	NT24NG	4,831.00	0.00
tblEnergyUse	T24E	35.05	0.00
tblEnergyUse	T24NG	4,179.80	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblLandscapeEquipment	NumberSummerDays	250	0
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblSolidWaste	SolidWasteGenerationRate	81.88	0.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblVehicleTrips	ST_TR	4.91	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblWater	IndoorWaterUseRate	11,597,416.56	0.00
tblWater	OutdoorWaterUseRate	7,311,414.79	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.4355	2.0749	2.7207	5.8900e-003	0.1738	0.0857	0.2594	0.0451	0.0810	0.1260	0.0000	517.4142	517.4142	0.0926	7.8300e-003	522.0626
2029	0.5001	0.9108	1.1536	2.4800e-003	0.0693	0.0379	0.1072	0.0185	0.0364	0.0549	0.0000	212.1849	212.1849	0.0313	2.6100e-003	213.7456
Maximum	**0.5001**	**2.0749**	**2.7207**	**5.8900e-003**	**0.1738**	**0.0857**	**0.2594**	**0.0451**	**0.0810**	**0.1260**	**0.0000**	**517.4142**	**517.4142**	**0.0926**	**7.8300e-003**	**522.0626**

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	0.2668	0.5986	2.9294	5.6600e-003	0.1738	7.5400e-003	0.1813	0.0451	7.4700e-003	0.0526	0.0000	502.5656	502.5656	0.0911	7.8300e-003	507.1755
2029	0.4118	0.2077	1.1086	2.2400e-003	0.0693	2.7700e-003	0.0721	0.0185	2.7400e-003	0.0213	0.0000	196.2825	196.2825	0.0297	2.6100e-003	197.8020
Maximum	**0.4118**	**0.5986**	**2.9294**	**5.6600e-003**	**0.1738**	**7.5400e-003**	**0.1813**	**0.0451**	**7.4700e-003**	**0.0526**	**0.0000**	**502.5656**	**502.5656**	**0.0911**	**7.8300e-003**	**507.1755**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	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	**27.46**	**72.99**	**-4.22**	**5.62**	**0.00**	**91.66**	**30.90**	**0.00**	**91.30**	**59.21**	**0.00**	**4.21**	**4.21**	**2.57**	**0.00**	**4.19**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**3-1-2028**	**5-31-2028**	0.7458	0.2254
2	**6-1-2028**	**8-31-2028**	0.6089	0.1907
3	**9-1-2028**	**11-30-2028**	0.7748	0.2856
4	**12-1-2028**	**2-28-2029**	1.1095	0.4740
5	**3-1-2029**	**5-31-2029**	0.6716	0.3051
		Highest	1.1095	0.4740

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	0.6432	0.0000	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	**0.6432**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.6432	0.0000	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	**0.6432**	**0.0000**	**0.0000**	**0.0000**	**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	HP - Demolition - Phase 1	Demolition	3/1/2028	3/31/2028	5	23	
2	HP - Building Construction	Building Construction	4/1/2028	4/12/2029	5	269	
3	HP - Phase 1 Architectural Coating	Architectural Coating	11/1/2028	5/7/2029	5	134	

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 360,450; Residential Outdoor: 120,150; 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
HP - Demolition - Phase 1	Concrete/Industrial Saws	2	8.00	81	0.73
HP - Demolition - Phase 1	Excavators	4	8.00	158	0.38
HP - Demolition - Phase 1	Generator Sets	2	8.00	84	0.74
HP - Demolition - Phase 1	Rubber Tired Dozers	0	8.00	247	0.40
HP - Demolition - Phase 1	Rubber Tired Loaders	2	8.00	203	0.36
HP - Demolition - Phase 1	Sweepers/Scrubbers	2	8.00	64	0.46
HP - Demolition - Phase 1	Tractors/Loaders/Backhoes	4	8.00	97	0.37
HP - Building Construction	Air Compressors	2	8.00	78	0.48
HP - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
HP - Building Construction	Cranes	2	8.00	231	0.29
HP - Building Construction	Forklifts	0	8.00	89	0.20
HP - Building Construction	Generator Sets	0	8.00	84	0.74
HP - Building Construction	Rough Terrain Forklifts	2	8.00	100	0.40
HP - Building Construction	Sweepers/Scrubbers	2	8.00	64	0.46
HP - Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
HP - Building Construction	Welders	0	8.00	46	0.45
HP - Phase 1 Architectural Coating	Air Compressors	3	6.00	78	0.48
HP - Phase 1 Architectural Coating	Cement and Mortar Mixers	6	8.00	9	0.56
HP - Phase 1 Architectural Coating	Pressure Washers	3	8.00	13	0.30

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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
HP - Demolition - Phase 1	16	40.00	0.00	109.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
HP - Building Construction	10	128.00	19.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
HP - Phase 1 Architectural Coating	12	26.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

3.2 HP - Demolition - Phase 1 - 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					0.0118	0.0000	0.0118	1.7900e-003	0.0000	1.7900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0356	0.3013	0.4981	8.8000e-004		0.0129	0.0129		0.0122	0.0122	0.0000	76.6232	76.6232	0.0176	0.0000	77.0632
Total	**0.0356**	**0.3013**	**0.4981**	**8.8000e-004**	**0.0118**	**0.0129**	**0.0248**	**1.7900e-003**	**0.0122**	**0.0140**	**0.0000**	**76.6232**	**76.6232**	**0.0176**	**0.0000**	**77.0632**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 HP - Demolition - Phase 1 - 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	1.9000e-004	0.0166	3.8400e-003	7.0000e-005	2.3400e-003	1.1000e-004	2.4500e-003	6.4000e-004	1.1000e-004	7.5000e-004	0.0000	7.0517	7.0517	4.5000e-004	1.1200e-003	7.3974
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0700e-003	7.1000e-004	0.0114	4.0000e-005	5.0400e-003	2.0000e-005	5.0600e-003	1.3400e-003	2.0000e-005	1.3600e-003	0.0000	3.4609	3.4609	7.0000e-005	8.0000e-005	3.4856
Total	**1.2600e-003**	**0.0173**	**0.0153**	**1.1000e-004**	**7.3800e-003**	**1.3000e-004**	**7.5100e-003**	**1.9800e-003**	**1.3000e-004**	**2.1100e-003**	**0.0000**	**10.5126**	**10.5126**	**5.2000e-004**	**1.2000e-003**	**10.8830**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0118	0.0000	0.0118	1.7900e-003	0.0000	1.7900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0108	0.0735	0.5794	8.8000e-004		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003	0.0000	76.6231	76.6231	0.0176	0.0000	77.0631
Total	**0.0108**	**0.0735**	**0.5794**	**8.8000e-004**	**0.0118**	**1.3500e-003**	**0.0132**	**1.7900e-003**	**1.3500e-003**	**3.1400e-003**	**0.0000**	**76.6231**	**76.6231**	**0.0176**	**0.0000**	**77.0631**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 HP - Demolition - Phase 1 - 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	1.9000e-004	0.0166	3.8400e-003	7.0000e-005	2.3400e-003	1.1000e-004	2.4500e-003	6.4000e-004	1.1000e-004	7.5000e-004	0.0000	7.0517	7.0517	4.5000e-004	1.1200e-003	7.3974
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0700e-003	7.1000e-004	0.0114	4.0000e-005	5.0400e-003	2.0000e-005	5.0600e-003	1.3400e-003	2.0000e-005	1.3600e-003	0.0000	3.4609	3.4609	7.0000e-005	8.0000e-005	3.4856
Total	**1.2600e-003**	**0.0173**	**0.0153**	**1.1000e-004**	**7.3800e-003**	**1.3000e-004**	**7.5100e-003**	**1.9800e-003**	**1.3000e-004**	**2.1100e-003**	**0.0000**	**10.5126**	**10.5126**	**5.2000e-004**	**1.2000e-003**	**10.8830**

3.3 HP - 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	0.1665	1.5231	1.6858	3.2000e-003		0.0656	0.0656		0.0617	0.0617	0.0000	276.7618	276.7618	0.0697	0.0000	278.5042
Total	**0.1665**	**1.5231**	**1.6858**	**3.2000e-003**		**0.0656**	**0.0656**		**0.0617**	**0.0617**	**0.0000**	**276.7618**	**276.7618**	**0.0697**	**0.0000**	**278.5042**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 HP - 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	1.8400e-003	0.0729	0.0260	3.1000e-004	0.0117	3.6000e-004	0.0120	3.3700e-003	3.4000e-004	3.7100e-003	0.0000	30.7480	30.7480	1.1600e-003	4.4400e-003	32.0997
Worker	0.0290	0.0192	0.3098	1.0200e-003	0.1368	6.3000e-004	0.1374	0.0363	5.8000e-004	0.0369	0.0000	93.8954	93.8954	1.8100e-003	2.1000e-003	94.5659
Total	**0.0309**	**0.0921**	**0.3358**	**1.3300e-003**	**0.1484**	**9.9000e-004**	**0.1494**	**0.0397**	**9.2000e-004**	**0.0406**	**0.0000**	**124.6434**	**124.6434**	**2.9700e-003**	**6.5400e-003**	**126.6656**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0420	0.4066	1.8669	3.0700e-003		4.7800e-003	4.7800e-003		4.7800e-003	4.7800e-003	0.0000	267.8250	267.8250	0.0688	0.0000	269.5443
Total	**0.0420**	**0.4066**	**1.8669**	**3.0700e-003**		**4.7800e-003**	**4.7800e-003**		**4.7800e-003**	**4.7800e-003**	**0.0000**	**267.8250**	**267.8250**	**0.0688**	**0.0000**	**269.5443**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 HP - 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	1.8400e-003	0.0729	0.0260	3.1000e-004	0.0117	3.6000e-004	0.0120	3.3700e-003	3.4000e-004	3.7100e-003	0.0000	30.7480	30.7480	1.1600e-003	4.4400e-003	32.0997
Worker	0.0290	0.0192	0.3098	1.0200e-003	0.1368	6.3000e-004	0.1374	0.0363	5.8000e-004	0.0369	0.0000	93.8954	93.8954	1.8100e-003	2.1000e-003	94.5659
Total	**0.0309**	**0.0921**	**0.3358**	**1.3300e-003**	**0.1484**	**9.9000e-004**	**0.1494**	**0.0397**	**9.2000e-004**	**0.0406**	**0.0000**	**124.6434**	**124.6434**	**2.9700e-003**	**6.5400e-003**	**126.6656**

3.3 HP - 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	0.0632	0.5780	0.6397	1.2200e-003		0.0249	0.0249		0.0234	0.0234	0.0000	105.0275	105.0275	0.0265	0.0000	105.6888
Total	**0.0632**	**0.5780**	**0.6397**	**1.2200e-003**		**0.0249**	**0.0249**		**0.0234**	**0.0234**	**0.0000**	**105.0275**	**105.0275**	**0.0265**	**0.0000**	**105.6888**

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3.3 HP - 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	6.9000e-004	0.0275	9.7800e-003	1.2000e-004	4.4300e-003	1.3000e-004	4.5700e-003	1.2800e-003	1.3000e-004	1.4100e-003	0.0000	11.4500	11.4500	4.4000e-004	1.6500e-003	11.9538
Worker	0.0104	6.7300e-003	0.1122	3.8000e-004	0.0519	2.2000e-004	0.0521	0.0138	2.1000e-004	0.0140	0.0000	34.8090	34.8090	6.3000e-004	7.6000e-004	35.0524
Total	**0.0111**	**0.0342**	**0.1219**	**5.0000e-004**	**0.0563**	**3.5000e-004**	**0.0567**	**0.0151**	**3.4000e-004**	**0.0154**	**0.0000**	**46.2590**	**46.2590**	**1.0700e-003**	**2.4100e-003**	**47.0062**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0159	0.1543	0.7085	1.1600e-003		1.8200e-003	1.8200e-003		1.8200e-003	1.8200e-003	0.0000	101.6362	101.6362	0.0261	0.0000	102.2886
Total	**0.0159**	**0.1543**	**0.7085**	**1.1600e-003**		**1.8200e-003**	**1.8200e-003**		**1.8200e-003**	**1.8200e-003**	**0.0000**	**101.6362**	**101.6362**	**0.0261**	**0.0000**	**102.2886**

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3.3 HP - 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	6.9000e-004	0.0275	9.7800e-003	1.2000e-004	4.4300e-003	1.3000e-004	4.5700e-003	1.2800e-003	1.3000e-004	1.4100e-003	0.0000	11.4500	11.4500	4.4000e-004	1.6500e-003	11.9538
Worker	0.0104	6.7300e-003	0.1122	3.8000e-004	0.0519	2.2000e-004	0.0521	0.0138	2.1000e-004	0.0140	0.0000	34.8090	34.8090	6.3000e-004	7.6000e-004	35.0524
Total	**0.0111**	**0.0342**	**0.1219**	**5.0000e-004**	**0.0563**	**3.5000e-004**	**0.0567**	**0.0151**	**3.4000e-004**	**0.0154**	**0.0000**	**46.2590**	**46.2590**	**1.0700e-003**	**2.4100e-003**	**47.0062**

3.4 HP - Phase 1 Architectural Coating - 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					
Archit. Coating	0.1787					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0213	0.1403	0.1720	3.2000e-004		5.9600e-003	5.9600e-003		5.9600e-003	5.9600e-003	0.0000	24.6675	24.6675	1.7300e-003	0.0000	24.7108
Total	**0.2000**	**0.1403**	**0.1720**	**3.2000e-004**		**5.9600e-003**	**5.9600e-003**		**5.9600e-003**	**5.9600e-003**	**0.0000**	**24.6675**	**24.6675**	**1.7300e-003**	**0.0000**	**24.7108**

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3.4 HP - Phase 1 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-003	8.6000e-004	0.0139	5.0000e-005	6.1300e-003	3.0000e-005	6.1500e-003	1.6300e-003	3.0000e-005	1.6500e-003	0.0000	4.2057	4.2057	8.0000e-005	9.0000e-005	4.2358
Total	**1.3000e-003**	**8.6000e-004**	**0.0139**	**5.0000e-005**	**6.1300e-003**	**3.0000e-005**	**6.1500e-003**	**1.6300e-003**	**3.0000e-005**	**1.6500e-003**	**0.0000**	**4.2057**	**4.2057**	**8.0000e-005**	**9.0000e-005**	**4.2358**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1787					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9200e-003	8.3100e-003	0.1182	2.3000e-004		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	18.7558	18.7558	1.1200e-003	0.0000	18.7837
Total	**0.1806**	**8.3100e-003**	**0.1182**	**2.3000e-004**		**2.6000e-004**	**2.6000e-004**		**2.6000e-004**	**2.6000e-004**	**0.0000**	**18.7558**	**18.7558**	**1.1200e-003**	**0.0000**	**18.7837**

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3.4 HP - Phase 1 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-003	8.6000e-004	0.0139	5.0000e-005	6.1300e-003	3.0000e-005	6.1500e-003	1.6300e-003	3.0000e-005	1.6500e-003	0.0000	4.2057	4.2057	8.0000e-005	9.0000e-005	4.2358
Total	**1.3000e-003**	**8.6000e-004**	**0.0139**	**5.0000e-005**	**6.1300e-003**	**3.0000e-005**	**6.1500e-003**	**1.6300e-003**	**3.0000e-005**	**1.6500e-003**	**0.0000**	**4.2057**	**4.2057**	**8.0000e-005**	**9.0000e-005**	**4.2358**

3.4 HP - Phase 1 Architectural Coating - 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					
Archit. Coating	0.3782					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0451	0.2970	0.3639	6.7000e-004		0.0126	0.0126		0.0126	0.0126	0.0000	52.2034	52.2034	3.6600e-003	0.0000	52.2949
Total	**0.4233**	**0.2970**	**0.3639**	**6.7000e-004**		**0.0126**	**0.0126**		**0.0126**	**0.0126**	**0.0000**	**52.2034**	**52.2034**	**3.6600e-003**	**0.0000**	**52.2949**

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3.4 HP - Phase 1 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6000e-003	1.6800e-003	0.0280	9.0000e-005	0.0130	6.0000e-005	0.0130	3.4400e-003	5.0000e-005	3.4900e-003	0.0000	8.6949	8.6949	1.6000e-004	1.9000e-004	8.7557
Total	**2.6000e-003**	**1.6800e-003**	**0.0280**	**9.0000e-005**	**0.0130**	**6.0000e-005**	**0.0130**	**3.4400e-003**	**5.0000e-005**	**3.4900e-003**	**0.0000**	**8.6949**	**8.6949**	**1.6000e-004**	**1.9000e-004**	**8.7557**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3782					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0600e-003	0.0176	0.2501	4.8000e-004		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	39.6924	39.6924	2.3600e-003	0.0000	39.7514
Total	**0.3823**	**0.0176**	**0.2501**	**4.8000e-004**		**5.4000e-004**	**5.4000e-004**		**5.4000e-004**	**5.4000e-004**	**0.0000**	**39.6924**	**39.6924**	**2.3600e-003**	**0.0000**	**39.7514**

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3.4 HP - Phase 1 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6000e-003	1.6800e-003	0.0280	9.0000e-005	0.0130	6.0000e-005	0.0130	3.4400e-003	5.0000e-005	3.4900e-003	0.0000	8.6949	8.6949	1.6000e-004	1.9000e-004	8.7557
Total	**2.6000e-003**	**1.6800e-003**	**0.0280**	**9.0000e-005**	**0.0130**	**6.0000e-005**	**0.0130**	**3.4400e-003**	**5.0000e-005**	**3.4900e-003**	**0.0000**	**8.6949**	**8.6949**	**1.6000e-004**	**1.9000e-004**	**8.7557**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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
Apartments Mid Rise	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
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.529534	0.067658	0.193471	0.126518	0.024260	0.006985	0.011675	0.007885	0.000939	0.000569	0.026493	0.000724	0.003288

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	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					
Apartments Mid Rise	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**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	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			
Apartments Mid Rise	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

OSP - Historic Alternative. Phase 3 - Construction Only - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6432	0.0000	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	0.6432	0.0000	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	0.6432					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	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	**0.6432**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.6432					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	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	**0.6432**	**0.0000**	**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

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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			
Apartments Mid Rise	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			
Apartments Mid Rise	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

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	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			
Apartments Mid Rise	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

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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

OSP - Partial Preservation Phase 1 - Rebuild - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

OSP - Partial Preservation Phase 1 - Rebuild

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	23.00	1000sqft	0.50	23,000.00	0
Enclosed Parking with Elevator	511.00	Space	0.50	204,400.00	0
Apartments Mid Rise	352.00	Dwelling Unit	2.20	352,000.00	1007
Strip Mall	17.00	1000sqft	0.50	17,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - See Assumptions

Construction Phase - Schedule Provided

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - See Assumptions

Trips and VMT - See assumptiosn

Demolition -

Grading - See Assumptions

Vehicle Trips - See Assumptions

Woodstoves - No hearths

Energy Use - all electric apartments

Construction Off-road Equipment Mitigation - All equipment is either Tier 4 or Electric based on project design. CalEEMod Mitigated Scenario = Actual Project scenario

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	13.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	14.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	18.00	349.00
tblConstructionPhase	NumDays	230.00	698.00
tblConstructionPhase	NumDays	20.00	85.00
tblConstructionPhase	NumDays	8.00	61.00
tblConstructionPhase	NumDays	8.00	61.00
tblConstructionPhase	NumDays	18.00	10.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstructionPhase	NumDays	5.00	30.00
tblEnergyUse	NT24E	3,054.10	4,469.93
tblEnergyUse	NT24NG	4,831.00	0.00
tblEnergyUse	T24E	35.05	1,260.03
tblEnergyUse	T24NG	4,179.80	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	299.20	0.00
tblFireplaces	NumberNoFireplace	35.20	352.00
tblFireplaces	NumberWood	17.60	0.00
tblGrading	AcresOfGrading	61.00	8.00
tblGrading	AcresOfGrading	0.00	61.00
tblGrading	AcresOfGrading	0.00	7.50
tblGrading	MaterialExported	0.00	35,540.00
tblLandUse	LotAcreage	0.53	0.50
tblLandUse	LotAcreage	4.60	0.50
tblLandUse	LotAcreage	9.26	2.20
tblLandUse	LotAcreage	0.39	0.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	4,443.00	2,221.00
tblVehicleTrips	CC_TL	8.40	10.48
tblVehicleTrips	CC_TL	8.40	10.48
tblVehicleTrips	CNW_TL	6.90	10.48
tblVehicleTrips	CNW_TL	6.90	10.48
tblVehicleTrips	CW_TL	16.60	10.48
tblVehicleTrips	CW_TL	16.60	10.48
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	8.70	8.51

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	HS_TL	5.90	8.51
tblVehicleTrips	HW_TL	14.70	8.51
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	4.91	3.92
tblVehicleTrips	ST_TR	2.21	35.70
tblVehicleTrips	ST_TR	42.04	35.70
tblVehicleTrips	SU_TR	4.09	3.92
tblVehicleTrips	SU_TR	0.70	35.70
tblVehicleTrips	SU_TR	20.43	35.70
tblVehicleTrips	WD_TR	5.44	3.92
tblVehicleTrips	WD_TR	9.74	35.70
tblVehicleTrips	WD_TR	44.32	35.70
tblWoodstoves	NumberCatalytic	17.60	0.00
tblWoodstoves	NumberNoncatalytic	17.60	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

OSP - Partial Preservation Phase 1 - Rebuild - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.5817	5.1571	6.8443	0.0144	0.2601	0.2166	0.4767	0.0589	0.2056	0.2644	0.0000	1,276.8650	1,276.8650	0.2350	0.0333	1,292.6731
2025	0.3609	2.5403	3.7583	0.0102	0.5675	0.0927	0.6602	0.1522	0.0871	0.2393	0.0000	925.5700	925.5700	0.1083	0.0349	938.6635
2026	1.2279	3.2970	4.8291	0.0124	0.6431	0.1253	0.7684	0.1723	0.1197	0.2919	0.0000	1,103.7180	1,103.7180	0.1180	0.0352	1,117.1410
2027	0.8744	2.0490	2.9667	7.5400e-003	0.3866	0.0787	0.4653	0.1035	0.0754	0.1790	0.0000	666.7568	666.7568	0.0698	0.0200	674.4618
Maximum	**1.2279**	**5.1571**	**6.8443**	**0.0144**	**0.6431**	**0.2166**	**0.7684**	**0.1723**	**0.2056**	**0.2919**	**0.0000**	**1,276.8650**	**1,276.8650**	**0.2350**	**0.0352**	**1,292.6731**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.1675	1.3103	7.2497	0.0136	0.2162	0.0198	0.2360	0.0532	0.0196	0.0728	0.0000	1,212.3724	1,212.3724	0.2304	0.0333	1,228.0657
2025	0.1942	1.0459	4.0007	0.0100	0.5675	0.0112	0.5787	0.1522	0.0109	0.1631	0.0000	913.6086	913.6086	0.1070	0.0349	926.6710
2026	0.9585	1.0976	4.8275	0.0118	0.6431	0.0130	0.6561	0.1723	0.0127	0.1850	0.0000	1,064.6723	1,064.6723	0.1139	0.0352	1,077.9940
2027	0.6987	0.6405	2.9187	7.1100e-003	0.3866	7.7900e-003	0.3944	0.1035	7.6000e-003	0.1112	0.0000	638.9391	638.9391	0.0669	0.0200	646.5719
Maximum	**0.9585**	**1.3103**	**7.2497**	**0.0136**	**0.6431**	**0.0198**	**0.6561**	**0.1723**	**0.0196**	**0.1850**	**0.0000**	**1,212.3724**	**1,212.3724**	**0.2304**	**0.0352**	**1,228.0657**

	ROG	NOx	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	**33.69**	**68.61**	**-3.25**	**4.55**	**2.36**	**89.90**	**21.32**	**1.17**	**89.59**	**45.41**	**0.00**	**3.61**	**3.61**	**2.40**	**0.00**	**3.57**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2024**	**3-31-2024**	1.1062	0.2868
2	**4-1-2024**	**6-30-2024**	0.9808	0.2523
3	**7-1-2024**	**9-30-2024**	2.1103	0.5610
4	**10-1-2024**	**12-31-2024**	1.5291	0.3621
5	**1-1-2025**	**3-31-2025**	0.7165	0.3074
6	**4-1-2025**	**6-30-2025**	0.7153	0.3016
7	**7-1-2025**	**9-30-2025**	0.7232	0.3050
8	**10-1-2025**	**12-31-2025**	0.7325	0.3142

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

9	**1-1-2026**	**3-31-2026**	0.7117	0.3026
10	**4-1-2026**	**6-30-2026**	1.2524	0.5722
11	**7-1-2026**	**9-30-2026**	1.2662	0.5785
12	**10-1-2026**	**12-31-2026**	1.2761	0.5885
13	**1-1-2027**	**3-31-2027**	1.2433	0.5707
14	**4-1-2027**	**6-30-2027**	1.2476	0.5675
15	**7-1-2027**	**9-30-2027**	0.4291	0.1961
		Highest	2.1103	0.5885

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	1.6708	0.0418	3.6336	1.9000e-004		0.0202	0.0202		0.0202	0.0202	0.0000	5.9433	5.9433	5.7100e-003	0.0000	6.0862
Energy	1.4300e-003	0.0130	0.0109	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004	0.0000	705.7023	705.7023	0.0586	7.3300e-003	709.3539
Mobile	1.3841	1.5069	14.1424	0.0316	3.6533	0.0223	3.6756	0.9748	0.0207	0.9955	0.0000	2,924.6918	2,924.6918	0.2014	0.1260	2,967.2710
Waste						0.0000	0.0000		0.0000	0.0000	40.8337	0.0000	40.8337	2.4132	0.0000	101.1637
Water						0.0000	0.0000		0.0000	0.0000	8.9724	100.2527	109.2250	0.9300	0.0228	139.2653
Total	**3.0563**	**1.5617**	**17.7869**	**0.0319**	**3.6533**	**0.0435**	**3.6968**	**0.9748**	**0.0419**	**1.0167**	**49.8060**	**3,736.5901**	**3,786.3961**	**3.6090**	**0.1561**	**3,923.1401**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	1.6708	0.0418	3.6336	1.9000e-004		0.0202	0.0202		0.0202	0.0202	0.0000	5.9433	5.9433	5.7100e-003	0.0000	6.0862
Energy	1.4300e-003	0.0130	0.0109	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004	0.0000	705.7023	705.7023	0.0586	7.3300e-003	709.3539
Mobile	1.3841	1.5069	14.1424	0.0316	3.6533	0.0223	3.6756	0.9748	0.0207	0.9955	0.0000	2,924.6918	2,924.6918	0.2014	0.1260	2,967.2710
Waste						0.0000	0.0000		0.0000	0.0000	40.8337	0.0000	40.8337	2.4132	0.0000	101.1637
Water						0.0000	0.0000		0.0000	0.0000	8.9724	100.2527	109.2250	0.9300	0.0228	139.2653
Total	**3.0563**	**1.5617**	**17.7869**	**0.0319**	**3.6533**	**0.0435**	**3.6968**	**0.9748**	**0.0419**	**1.0167**	**49.8060**	**3,736.5901**	**3,786.3961**	**3.6090**	**0.1561**	**3,923.1401**

	ROG	NOx	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	4/26/2024	5	85	
2	Site Preparation	Site Preparation	4/27/2024	6/7/2024	5	30	
3	Grading	Grading	6/8/2024	9/2/2024	5	61	

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4	Utilities and Trenching	Grading	9/3/2024	11/26/2024	5	61	
5	Building Construction	Building Construction	11/27/2024	7/30/2027	5	698	
6	Paving	Paving	11/27/2024	12/10/2024	5	10	
7	Architectural Coating	Architectural Coating	4/1/2026	8/2/2027	5	349	

Acres of Grading (Site Preparation Phase): 7.5

Acres of Grading (Grading Phase): 8

Acres of Paving: 0.5

Residential Indoor: 712,800; Residential Outdoor: 237,600; Non-Residential Indoor: 60,000; Non-Residential Outdoor: 20,000; Striped Parking Area: 12,264 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Excavators	4	8.00	158	0.38
Demolition	Generator Sets	2	8.00	84	0.74
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	2	8.00	203	0.36
Demolition	Sweepers/Scrubbers	2	8.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site Preparation	Trenchers	2	8.00	78	0.50
Grading	Air Compressors	4	8.00	78	0.48
Grading	Excavators	4	8.00	158	0.38
Grading	Generator Sets	2	8.00	84	0.74
Grading	Graders	0	8.00	187	0.41
Grading	Plate Compactors	2	8.00	8	0.43
Grading	Pumps	2	8.00	84	0.74

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Grading	Rough Terrain Forklifts	2	8.00	100	0.40
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	1	8.00	367	0.48
Grading	Sweepers/Scrubbers	2	8.00	64	0.46
Grading	Tractors/Loaders/Backhoes	6	8.00	97	0.37
Grading	Welders	4	8.00	46	0.45
Building Construction	Air Compressors	2	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Rough Terrain Forklifts	2	8.00	100	0.40
Building Construction	Sweepers/Scrubbers	2	8.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Paving	Generator Sets	2	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Plate Compactors	2	8.00	8	0.43
Paving	Rollers	2	8.00	80	0.38
Paving	Signal Boards	2	8.00	6	0.82
Paving	Sweepers/Scrubbers	2	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Architectural Coating	Air Compressors	3	8.00	78	0.48
Architectural Coating	Cement and Mortar Mixers	6	8.00	9	0.56
Architectural Coating	Pressure Washers	3	8.00	13	0.30
Utilities and Trenching	Air Compressors	4	8.00	78	0.48
Utilities and Trenching	Concrete/Industrial Saws	2	8.00	81	0.73

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Utilities and Trenching	Excavators	2	8.00	158	0.38
Utilities and Trenching	Generator Sets	2	8.00	84	0.74
Utilities and Trenching	Graders	0	8.00	187	0.41
Utilities and Trenching	Paving Equipment	2	8.00	132	0.36
Utilities and Trenching	Rollers	2	8.00	80	0.38
Utilities and Trenching	Rubber Tired Dozers	0	8.00	247	0.40
Utilities and Trenching	Rubber Tired Loaders	4	8.00	203	0.36
Utilities and Trenching	Signal Boards	4	8.00	6	0.82
Utilities and Trenching	Surfacing Equipment	2	8.00	263	0.30
Utilities and Trenching	Sweepers/Scrubbers	2	8.00	64	0.46
Utilities and Trenching	Tractors/Loaders/Backhoes	4	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	16	40.00	0.00	344.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	29	73.00	0.00	2,221.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	352.00	78.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	14	35.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	12	70.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utilities and Trenching	30	75.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					0.0372	0.0000	0.0372	5.6300e-003	0.0000	5.6300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1422	1.2408	1.8469	3.2500e-003		0.0568	0.0568		0.0538	0.0538	0.0000	283.1084	283.1084	0.0654	0.0000	284.7424
Total	**0.1422**	**1.2408**	**1.8469**	**3.2500e-003**	**0.0372**	**0.0568**	**0.0940**	**5.6300e-003**	**0.0538**	**0.0594**	**0.0000**	**283.1084**	**283.1084**	**0.0654**	**0.0000**	**284.7424**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.4000e-004	0.0545	0.0114	2.4000e-004	7.3900e-003	3.5000e-004	7.7500e-003	2.0300e-003	3.4000e-004	2.3700e-003	0.0000	24.0749	24.0749	1.3700e-003	3.8300e-003	25.2491
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0300e-003	3.8200e-003	0.0539	1.6000e-004	0.0186	1.1000e-004	0.0187	4.9500e-003	1.0000e-004	5.0500e-003	0.0000	14.4089	14.4089	3.6000e-004	3.6000e-004	14.5247
Total	**5.6700e-003**	**0.0583**	**0.0653**	**4.0000e-004**	**0.0260**	**4.6000e-004**	**0.0265**	**6.9800e-003**	**4.4000e-004**	**7.4200e-003**	**0.0000**	**38.4838**	**38.4838**	**1.7300e-003**	**4.1900e-003**	**39.7739**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					0.0167	0.0000	0.0167	2.5400e-003	0.0000	2.5400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0400	0.2715	2.1413	3.2500e-003		4.9900e-003	4.9900e-003		4.9900e-003	4.9900e-003	0.0000	283.1081	283.1081	0.0654	0.0000	284.7421
Total	**0.0400**	**0.2715**	**2.1413**	**3.2500e-003**	**0.0167**	**4.9900e-003**	**0.0217**	**2.5400e-003**	**4.9900e-003**	**7.5300e-003**	**0.0000**	**283.1081**	**283.1081**	**0.0654**	**0.0000**	**284.7421**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.4000e-004	0.0545	0.0114	2.4000e-004	7.3900e-003	3.5000e-004	7.7500e-003	2.0300e-003	3.4000e-004	2.3700e-003	0.0000	24.0749	24.0749	1.3700e-003	3.8300e-003	25.2491
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0300e-003	3.8200e-003	0.0539	1.6000e-004	0.0186	1.1000e-004	0.0187	4.9500e-003	1.0000e-004	5.0500e-003	0.0000	14.4089	14.4089	3.6000e-004	3.6000e-004	14.5247
Total	**5.6700e-003**	**0.0583**	**0.0653**	**4.0000e-004**	**0.0260**	**4.6000e-004**	**0.0265**	**6.9800e-003**	**4.4000e-004**	**7.4200e-003**	**0.0000**	**38.4838**	**38.4838**	**1.7300e-003**	**4.1900e-003**	**39.7739**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					3.9800e-003	0.0000	3.9800e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.0948	0.0778	1.0000e-004		6.5600e-003	6.5600e-003		6.0300e-003	6.0300e-003	0.0000	8.9038	8.9038	2.8800e-003	0.0000	8.9758
Total	**0.0102**	**0.0948**	**0.0778**	**1.0000e-004**	**3.9800e-003**	**6.5600e-003**	**0.0105**	**4.3000e-004**	**6.0300e-003**	**6.4600e-003**	**0.0000**	**8.9038**	**8.9038**	**2.8800e-003**	**0.0000**	**8.9758**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.7000e-004	2.3800e-003	1.0000e-005	8.2000e-004	0.0000	8.3000e-004	2.2000e-004	0.0000	2.2000e-004	0.0000	0.6357	0.6357	2.0000e-005	2.0000e-005	0.6408
Total	**2.2000e-004**	**1.7000e-004**	**2.3800e-003**	**1.0000e-005**	**8.2000e-004**	**0.0000**	**8.3000e-004**	**2.2000e-004**	**0.0000**	**2.2000e-004**	**0.0000**	**0.6357**	**0.6357**	**2.0000e-005**	**2.0000e-005**	**0.6408**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	tons/yr										MT/yr					
Fugitive Dust					1.7900e-003	0.0000	1.7900e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2400e-003	5.3700e-003	0.0764	1.0000e-004		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	8.9038	8.9038	2.8800e-003	0.0000	8.9758
Total	**1.2400e-003**	**5.3700e-003**	**0.0764**	**1.0000e-004**	**1.7900e-003**	**1.7000e-004**	**1.9600e-003**	**1.9000e-004**	**1.7000e-004**	**3.6000e-004**	**0.0000**	**8.9038**	**8.9038**	**2.8800e-003**	**0.0000**	**8.9758**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.7000e-004	2.3800e-003	1.0000e-005	8.2000e-004	0.0000	8.3000e-004	2.2000e-004	0.0000	2.2000e-004	0.0000	0.6357	0.6357	2.0000e-005	2.0000e-005	0.6408
Total	**2.2000e-004**	**1.7000e-004**	**2.3800e-003**	**1.0000e-005**	**8.2000e-004**	**0.0000**	**8.3000e-004**	**2.2000e-004**	**0.0000**	**2.2000e-004**	**0.0000**	**0.6357**	**0.6357**	**2.0000e-005**	**2.0000e-005**	**0.6408**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					6.2500e-003	0.0000	6.2500e-003	7.6000e-004	0.0000	7.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1849	1.5460	2.2067	3.6600e-003		0.0686	0.0686		0.0655	0.0655	0.0000	313.5646	313.5646	0.0654	0.0000	315.2003
Total	**0.1849**	**1.5460**	**2.2067**	**3.6600e-003**	**6.2500e-003**	**0.0686**	**0.0748**	**7.6000e-004**	**0.0655**	**0.0663**	**0.0000**	**313.5646**	**313.5646**	**0.0654**	**0.0000**	**315.2003**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.1200e-003	0.3519	0.0738	1.5600e-003	0.0477	2.2900e-003	0.0500	0.0131	2.1900e-003	0.0153	0.0000	155.4369	155.4369	8.8800e-003	0.0247	163.0184
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5900e-003	5.0000e-003	0.0705	2.1000e-004	0.0244	1.4000e-004	0.0245	6.4800e-003	1.3000e-004	6.6100e-003	0.0000	18.8714	18.8714	4.7000e-004	4.7000e-004	19.0231
Total	**0.0107**	**0.3569**	**0.1443**	**1.7700e-003**	**0.0721**	**2.4300e-003**	**0.0746**	**0.0196**	**2.3200e-003**	**0.0219**	**0.0000**	**174.3083**	**174.3083**	**9.3500e-003**	**0.0252**	**182.0415**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	tons/yr										MT/yr					
Fugitive Dust					2.8100e-003	0.0000	2.8100e-003	3.4000e-004	0.0000	3.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0356	0.2247	1.9370	2.9400e-003		4.5000e-003	4.5000e-003		4.5000e-003	4.5000e-003	0.0000	256.1237	256.1237	0.0616	0.0000	257.6629
Total	**0.0356**	**0.2247**	**1.9370**	**2.9400e-003**	**2.8100e-003**	**4.5000e-003**	**7.3100e-003**	**3.4000e-004**	**4.5000e-003**	**4.8400e-003**	**0.0000**	**256.1237**	**256.1237**	**0.0616**	**0.0000**	**257.6629**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.1200e-003	0.3519	0.0738	1.5600e-003	0.0477	2.2900e-003	0.0500	0.0131	2.1900e-003	0.0153	0.0000	155.4369	155.4369	8.8800e-003	0.0247	163.0184
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5900e-003	5.0000e-003	0.0705	2.1000e-004	0.0244	1.4000e-004	0.0245	6.4800e-003	1.3000e-004	6.6100e-003	0.0000	18.8714	18.8714	4.7000e-004	4.7000e-004	19.0231
Total	**0.0107**	**0.3569**	**0.1443**	**1.7700e-003**	**0.0721**	**2.4300e-003**	**0.0746**	**0.0196**	**2.3200e-003**	**0.0219**	**0.0000**	**174.3083**	**174.3083**	**9.3500e-003**	**0.0252**	**182.0415**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Utilities and Trenching - 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					0.0324	0.0000	0.0324	3.4900e-003	0.0000	3.4900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1732	1.4987	1.9175	3.7900e-003		0.0670	0.0670		0.0636	0.0636	0.0000	328.0924	328.0924	0.0750	0.0000	329.9678
Total	**0.1732**	**1.4987**	**1.9175**	**3.7900e-003**	**0.0324**	**0.0670**	**0.0993**	**3.4900e-003**	**0.0636**	**0.0671**	**0.0000**	**328.0924**	**328.0924**	**0.0750**	**0.0000**	**329.9678**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.7700e-003	5.1400e-003	0.0725	2.1000e-004	0.0251	1.5000e-004	0.0252	6.6600e-003	1.4000e-004	6.7900e-003	0.0000	19.3884	19.3884	4.8000e-004	4.8000e-004	19.5443
Total	**6.7700e-003**	**5.1400e-003**	**0.0725**	**2.1000e-004**	**0.0251**	**1.5000e-004**	**0.0252**	**6.6600e-003**	**1.4000e-004**	**6.7900e-003**	**0.0000**	**19.3884**	**19.3884**	**4.8000e-004**	**4.8000e-004**	**19.5443**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Utilities and Trenching - 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					0.0146	0.0000	0.0146	1.5700e-003	0.0000	1.5700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0445	0.2633	2.2657	3.7000e-003		5.6800e-003	5.6800e-003		5.6800e-003	5.6800e-003	0.0000	322.6342	322.6342	0.0745	0.0000	324.4954
Total	**0.0445**	**0.2633**	**2.2657**	**3.7000e-003**	**0.0146**	**5.6800e-003**	**0.0202**	**1.5700e-003**	**5.6800e-003**	**7.2500e-003**	**0.0000**	**322.6342**	**322.6342**	**0.0745**	**0.0000**	**324.4954**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.7700e-003	5.1400e-003	0.0725	2.1000e-004	0.0251	1.5000e-004	0.0252	6.6600e-003	1.4000e-004	6.7900e-003	0.0000	19.3884	19.3884	4.8000e-004	4.8000e-004	19.5443
Total	**6.7700e-003**	**5.1400e-003**	**0.0725**	**2.1000e-004**	**0.0251**	**1.5000e-004**	**0.0252**	**6.6600e-003**	**1.4000e-004**	**6.7900e-003**	**0.0000**	**19.3884**	**19.3884**	**4.8000e-004**	**4.8000e-004**	**19.5443**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0227	0.2114	0.2176	4.1000e-004		9.5100e-003	9.5100e-003		8.9400e-003	8.9400e-003	0.0000	35.4823	35.4823	8.9500e-003	0.0000	35.7060
Total	**0.0227**	**0.2114**	**0.2176**	**4.1000e-004**		**9.5100e-003**	**9.5100e-003**		**8.9400e-003**	**8.9400e-003**	**0.0000**	**35.4823**	**35.4823**	**8.9500e-003**	**0.0000**	**35.7060**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0700e-003	0.0394	0.0144	1.8000e-004	6.1400e-003	1.9000e-004	6.3300e-003	1.7700e-003	1.8000e-004	1.9600e-003	0.0000	17.4617	17.4617	5.9000e-004	2.5200e-003	18.2262
Worker	0.0130	9.8900e-003	0.1394	4.1000e-004	0.0482	2.8000e-004	0.0485	0.0128	2.6000e-004	0.0131	0.0000	37.2936	37.2936	9.2000e-004	9.3000e-004	37.5934
Total	**0.0141**	**0.0493**	**0.1538**	**5.9000e-004**	**0.0544**	**4.7000e-004**	**0.0548**	**0.0146**	**4.4000e-004**	**0.0150**	**0.0000**	**54.7553**	**54.7553**	**1.5100e-003**	**3.4500e-003**	**55.8196**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	5.3800e-003	0.0521	0.2394	3.9000e-004		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	34.3365	34.3365	8.8300e-003	0.0000	34.5573
Total	**5.3800e-003**	**0.0521**	**0.2394**	**3.9000e-004**		**6.1000e-004**	**6.1000e-004**		**6.1000e-004**	**6.1000e-004**	**0.0000**	**34.3365**	**34.3365**	**8.8300e-003**	**0.0000**	**34.5573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0700e-003	0.0394	0.0144	1.8000e-004	6.1400e-003	1.9000e-004	6.3300e-003	1.7700e-003	1.8000e-004	1.9600e-003	0.0000	17.4617	17.4617	5.9000e-004	2.5200e-003	18.2262
Worker	0.0130	9.8900e-003	0.1394	4.1000e-004	0.0482	2.8000e-004	0.0485	0.0128	2.6000e-004	0.0131	0.0000	37.2936	37.2936	9.2000e-004	9.3000e-004	37.5934
Total	**0.0141**	**0.0493**	**0.1538**	**5.9000e-004**	**0.0544**	**4.7000e-004**	**0.0548**	**0.0146**	**4.4000e-004**	**0.0150**	**0.0000**	**54.7553**	**54.7553**	**1.5100e-003**	**3.4500e-003**	**55.8196**

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3.6 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	0.2228	2.0386	2.2564	4.2900e-003		0.0879	0.0879		0.0826	0.0826	0.0000	370.4350	370.4350	0.0933	0.0000	372.7672
Total	**0.2228**	**2.0386**	**2.2564**	**4.2900e-003**		**0.0879**	**0.0879**		**0.0826**	**0.0826**	**0.0000**	**370.4350**	**370.4350**	**0.0933**	**0.0000**	**372.7672**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0108	0.4091	0.1476	1.8300e-003	0.0642	1.9900e-003	0.0661	0.0185	1.9000e-003	0.0204	0.0000	179.0203	179.0203	6.2500e-003	0.0258	186.8666
Worker	0.1272	0.0927	1.3543	4.1000e-003	0.5034	2.8100e-003	0.5062	0.1337	2.5900e-003	0.1363	0.0000	376.1148	376.1148	8.7100e-003	9.0500e-003	379.0297
Total	**0.1381**	**0.5017**	**1.5019**	**5.9300e-003**	**0.5675**	**4.8000e-003**	**0.5723**	**0.1522**	**4.4900e-003**	**0.1567**	**0.0000**	**555.1351**	**555.1351**	**0.0150**	**0.0349**	**565.8963**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	tons/yr										MT/yr					
Off-Road	0.0562	0.5442	2.4988	4.1000e-003		6.4000e-003	6.4000e-003		6.4000e-003	6.4000e-003	0.0000	358.4735	358.4735	0.0921	0.0000	360.7747
Total	**0.0562**	**0.5442**	**2.4988**	**4.1000e-003**		**6.4000e-003**	**6.4000e-003**		**6.4000e-003**	**6.4000e-003**	**0.0000**	**358.4735**	**358.4735**	**0.0921**	**0.0000**	**360.7747**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0108	0.4091	0.1476	1.8300e-003	0.0642	1.9900e-003	0.0661	0.0185	1.9000e-003	0.0204	0.0000	179.0203	179.0203	6.2500e-003	0.0258	186.8666
Worker	0.1272	0.0927	1.3543	4.1000e-003	0.5034	2.8100e-003	0.5062	0.1337	2.5900e-003	0.1363	0.0000	376.1148	376.1148	8.7100e-003	9.0500e-003	379.0297
Total	**0.1381**	**0.5017**	**1.5019**	**5.9300e-003**	**0.5675**	**4.8000e-003**	**0.5723**	**0.1522**	**4.4900e-003**	**0.1567**	**0.0000**	**555.1351**	**555.1351**	**0.0150**	**0.0349**	**565.8963**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.2228	2.0386	2.2564	4.2900e-003		0.0879	0.0879		0.0826	0.0826	0.0000	370.4350	370.4350	0.0933	0.0000	372.7672
Total	**0.2228**	**2.0386**	**2.2564**	**4.2900e-003**		**0.0879**	**0.0879**		**0.0826**	**0.0826**	**0.0000**	**370.4350**	**370.4350**	**0.0933**	**0.0000**	**372.7672**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0105	0.4061	0.1455	1.8000e-003	0.0642	1.9800e-003	0.0661	0.0185	1.9000e-003	0.0204	0.0000	175.6998	175.6998	6.2900e-003	0.0253	183.4082
Worker	0.1198	0.0840	1.2706	3.9800e-003	0.5034	2.6700e-003	0.5060	0.1337	2.4600e-003	0.1362	0.0000	364.6830	364.6830	7.9100e-003	8.5300e-003	367.4219
Total	**0.1303**	**0.4901**	**1.4161**	**5.7800e-003**	**0.5675**	**4.6500e-003**	**0.5722**	**0.1522**	**4.3600e-003**	**0.1566**	**0.0000**	**540.3828**	**540.3828**	**0.0142**	**0.0339**	**550.8301**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	tons/yr										MT/yr					
Off-Road	0.0562	0.5442	2.4988	4.1000e-003		6.4000e-003	6.4000e-003		6.4000e-003	6.4000e-003	0.0000	358.4735	358.4735	0.0921	0.0000	360.7747
Total	**0.0562**	**0.5442**	**2.4988**	**4.1000e-003**		**6.4000e-003**	**6.4000e-003**		**6.4000e-003**	**6.4000e-003**	**0.0000**	**358.4735**	**358.4735**	**0.0921**	**0.0000**	**360.7747**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0105	0.4061	0.1455	1.8000e-003	0.0642	1.9800e-003	0.0661	0.0185	1.9000e-003	0.0204	0.0000	175.6998	175.6998	6.2900e-003	0.0253	183.4082
Worker	0.1198	0.0840	1.2706	3.9800e-003	0.5034	2.6700e-003	0.5060	0.1337	2.4600e-003	0.1362	0.0000	364.6830	364.6830	7.9100e-003	8.5300e-003	367.4219
Total	**0.1303**	**0.4901**	**1.4161**	**5.7800e-003**	**0.5675**	**4.6500e-003**	**0.5722**	**0.1522**	**4.3600e-003**	**0.1566**	**0.0000**	**540.3828**	**540.3828**	**0.0142**	**0.0339**	**550.8301**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.1289	1.1794	1.3054	2.4800e-003		0.0508	0.0508		0.0478	0.0478	0.0000	214.3129	214.3129	0.0540	0.0000	215.6622
Total	**0.1289**	**1.1794**	**1.3054**	**2.4800e-003**		**0.0508**	**0.0508**		**0.0478**	**0.0478**	**0.0000**	**214.3129**	**214.3129**	**0.0540**	**0.0000**	**215.6622**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.9600e-003	0.2332	0.0832	1.0200e-003	0.0371	1.1400e-003	0.0383	0.0107	1.0900e-003	0.0118	0.0000	99.6507	99.6507	3.6500e-003	0.0144	104.0278
Worker	0.0654	0.0444	0.6939	2.2400e-003	0.2912	1.4500e-003	0.2927	0.0774	1.3300e-003	0.0787	0.0000	205.1287	205.1287	4.1800e-003	4.6800e-003	206.6279
Total	**0.0713**	**0.2776**	**0.7771**	**3.2600e-003**	**0.3283**	**2.5900e-003**	**0.3309**	**0.0881**	**2.4200e-003**	**0.0905**	**0.0000**	**304.7794**	**304.7794**	**7.8300e-003**	**0.0191**	**310.6557**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 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	0.0325	0.3148	1.4457	2.3700e-003		3.7000e-003	3.7000e-003		3.7000e-003	3.7000e-003	0.0000	207.3927	207.3927	0.0533	0.0000	208.7241
Total	**0.0325**	**0.3148**	**1.4457**	**2.3700e-003**		**3.7000e-003**	**3.7000e-003**		**3.7000e-003**	**3.7000e-003**	**0.0000**	**207.3927**	**207.3927**	**0.0533**	**0.0000**	**208.7241**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.9600e-003	0.2332	0.0832	1.0200e-003	0.0371	1.1400e-003	0.0383	0.0107	1.0900e-003	0.0118	0.0000	99.6507	99.6507	3.6500e-003	0.0144	104.0278
Worker	0.0654	0.0444	0.6939	2.2400e-003	0.2912	1.4500e-003	0.2927	0.0774	1.3300e-003	0.0787	0.0000	205.1287	205.1287	4.1800e-003	4.6800e-003	206.6279
Total	**0.0713**	**0.2776**	**0.7771**	**3.2600e-003**	**0.3283**	**2.5900e-003**	**0.3309**	**0.0881**	**2.4200e-003**	**0.0905**	**0.0000**	**304.7794**	**304.7794**	**7.8300e-003**	**0.0191**	**310.6557**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 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	0.0105	0.0953	0.1341	2.2000e-004		4.6700e-003	4.6700e-003		4.4000e-003	4.4000e-003	0.0000	18.6588	18.6588	4.2700e-003	0.0000	18.7655
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0105**	**0.0953**	**0.1341**	**2.2000e-004**		**4.6700e-003**	**4.6700e-003**		**4.4000e-003**	**4.4000e-003**	**0.0000**	**18.6588**	**18.6588**	**4.2700e-003**	**0.0000**	**18.7655**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2000e-004	3.9000e-004	5.5400e-003	2.0000e-005	1.9200e-003	1.0000e-005	1.9300e-003	5.1000e-004	1.0000e-005	5.2000e-004	0.0000	1.4833	1.4833	4.0000e-005	4.0000e-005	1.4952
Total	**5.2000e-004**	**3.9000e-004**	**5.5400e-003**	**2.0000e-005**	**1.9200e-003**	**1.0000e-005**	**1.9300e-003**	**5.1000e-004**	**1.0000e-005**	**5.2000e-004**	**0.0000**	**1.4833**	**1.4833**	**4.0000e-005**	**4.0000e-005**	**1.4952**

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3.7 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	tons/yr										MT/yr					
Off-Road	2.6800e-003	0.0232	0.1463	2.1000e-004		3.2000e-004	3.2000e-004		3.2000e-004	3.2000e-004	0.0000	18.2114	18.2114	4.2200e-003	0.0000	18.3169
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.6800e-003**	**0.0232**	**0.1463**	**2.1000e-004**		**3.2000e-004**	**3.2000e-004**		**3.2000e-004**	**3.2000e-004**	**0.0000**	**18.2114**	**18.2114**	**4.2200e-003**	**0.0000**	**18.3169**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2000e-004	3.9000e-004	5.5400e-003	2.0000e-005	1.9200e-003	1.0000e-005	1.9300e-003	5.1000e-004	1.0000e-005	5.2000e-004	0.0000	1.4833	1.4833	4.0000e-005	4.0000e-005	1.4952
Total	**5.2000e-004**	**3.9000e-004**	**5.5400e-003**	**2.0000e-005**	**1.9200e-003**	**1.0000e-005**	**1.9300e-003**	**5.1000e-004**	**1.0000e-005**	**5.2000e-004**	**0.0000**	**1.4833**	**1.4833**	**4.0000e-005**	**4.0000e-005**	**1.4952**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 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	0.7423					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1144	0.7557	0.9660	1.7500e-003		0.0324	0.0324		0.0324	0.0324	0.0000	138.1613	138.1613	9.3000e-003	0.0000	138.3937
Total	**0.8567**	**0.7557**	**0.9660**	**1.7500e-003**		**0.0324**	**0.0324**		**0.0324**	**0.0324**	**0.0000**	**138.1613**	**138.1613**	**9.3000e-003**	**0.0000**	**138.3937**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	0.0126	0.1907	6.0000e-004	0.0756	4.0000e-004	0.0760	0.0201	3.7000e-004	0.0204	0.0000	54.7390	54.7390	1.1900e-003	1.2800e-003	55.1501
Total	**0.0180**	**0.0126**	**0.1907**	**6.0000e-004**	**0.0756**	**4.0000e-004**	**0.0760**	**0.0201**	**3.7000e-004**	**0.0204**	**0.0000**	**54.7390**	**54.7390**	**1.1900e-003**	**1.2800e-003**	**55.1501**

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3.8 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	tons/yr										MT/yr					
Archit. Coating	0.7423					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0117	0.0507	0.7220	1.3300e-003		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003	0.0000	111.0770	111.0770	6.4800e-003	0.0000	111.2391
Total	**0.7540**	**0.0507**	**0.7220**	**1.3300e-003**		**1.5600e-003**	**1.5600e-003**		**1.5600e-003**	**1.5600e-003**	**0.0000**	**111.0770**	**111.0770**	**6.4800e-003**	**0.0000**	**111.2391**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	0.0126	0.1907	6.0000e-004	0.0756	4.0000e-004	0.0760	0.0201	3.7000e-004	0.0204	0.0000	54.7390	54.7390	1.1900e-003	1.2800e-003	55.1501
Total	**0.0180**	**0.0126**	**0.1907**	**6.0000e-004**	**0.0756**	**4.0000e-004**	**0.0760**	**0.0201**	**3.7000e-004**	**0.0204**	**0.0000**	**54.7390**	**54.7390**	**1.1900e-003**	**1.2800e-003**	**55.1501**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 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	0.5728					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0883	0.5831	0.7453	1.3500e-003		0.0250	0.0250		0.0250	0.0250	0.0000	106.6016	106.6016	7.1700e-003	0.0000	106.7809
Total	**0.6610**	**0.5831**	**0.7453**	**1.3500e-003**		**0.0250**	**0.0250**		**0.0250**	**0.0250**	**0.0000**	**106.6016**	**106.6016**	**7.1700e-003**	**0.0000**	**106.7809**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0131	8.8900e-003	0.1389	4.5000e-004	0.0583	2.9000e-004	0.0586	0.0155	2.7000e-004	0.0158	0.0000	41.0628	41.0628	8.4000e-004	9.4000e-004	41.3629
Total	**0.0131**	**8.8900e-003**	**0.1389**	**4.5000e-004**	**0.0583**	**2.9000e-004**	**0.0586**	**0.0155**	**2.7000e-004**	**0.0158**	**0.0000**	**41.0628**	**41.0628**	**8.4000e-004**	**9.4000e-004**	**41.3629**

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3.8 Architectural Coating - 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					
Archit. Coating	0.5728					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0300e-003	0.0391	0.5571	1.0300e-003		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003	0.0000	85.7041	85.7041	5.0000e-003	0.0000	85.8292
Total	**0.5818**	**0.0391**	**0.5571**	**1.0300e-003**		**1.2000e-003**	**1.2000e-003**		**1.2000e-003**	**1.2000e-003**	**0.0000**	**85.7041**	**85.7041**	**5.0000e-003**	**0.0000**	**85.8292**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0131	8.8900e-003	0.1389	4.5000e-004	0.0583	2.9000e-004	0.0586	0.0155	2.7000e-004	0.0158	0.0000	41.0628	41.0628	8.4000e-004	9.4000e-004	41.3629
Total	**0.0131**	**8.8900e-003**	**0.1389**	**4.5000e-004**	**0.0583**	**2.9000e-004**	**0.0586**	**0.0155**	**2.7000e-004**	**0.0158**	**0.0000**	**41.0628**	**41.0628**	**8.4000e-004**	**9.4000e-004**	**41.3629**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	1.3841	1.5069	14.1424	0.0316	3.6533	0.0223	3.6756	0.9748	0.0207	0.9955	0.0000	2,924.6918	2,924.6918	0.2014	0.1260	2,967.2710
Unmitigated	1.3841	1.5069	14.1424	0.0316	3.6533	0.0223	3.6756	0.9748	0.0207	0.9955	0.0000	2,924.6918	2,924.6918	0.2014	0.1260	2,967.2710

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	1,379.84	1,379.84	1379.84	4,274,248	4,274,248
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	821.10	821.10	821.10	3,132,267	3,132,267
Strip Mall	606.90	606.90	606.90	2,315,154	2,315,154
Total	2,807.84	2,807.84	2,807.84	9,721,668	9,721,668

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
Apartments Mid Rise	8.51	8.51	8.51	40.20	19.20	40.60	100	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	10.48	10.48	10.48	33.00	48.00	19.00	100	0	0

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	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
Strip Mall	10.48	10.48	10.48	16.60	64.40	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305
Enclosed Parking with Elevator	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305
General Office Building	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305
Strip Mall	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	691.5694	691.5694	0.0584	7.0800e-003	695.1371
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	691.5694	691.5694	0.0584	7.0800e-003	695.1371
NaturalGas Mitigated	1.4300e-003	0.0130	0.0109	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004	0.0000	14.1329	14.1329	2.7000e-004	2.6000e-004	14.2169
NaturalGas Unmitigated	1.4300e-003	0.0130	0.0109	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004	0.0000	14.1329	14.1329	2.7000e-004	2.6000e-004	14.2169

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	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
Enclosed Parking with Elevator	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
General Office Building	237130	1.2800e-003	0.0116	9.7600e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004	0.0000	12.6542	12.6542	2.4000e-004	2.3000e-004	12.7294
Strip Mall	27710	1.5000e-004	1.3600e-003	1.1400e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	1.4787	1.4787	3.0000e-005	3.0000e-005	1.4875
Total		**1.4300e-003**	**0.0130**	**0.0109**	**8.0000e-005**		**9.8000e-004**	**9.8000e-004**		**9.8000e-004**	**9.8000e-004**	**0.0000**	**14.1329**	**14.1329**	**2.7000e-004**	**2.6000e-004**	**14.2169**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	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
Enclosed Parking with Elevator	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
General Office Building	237130	1.2800e-003	0.0116	9.7600e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004	0.0000	12.6542	12.6542	2.4000e-004	2.3000e-004	12.7294
Strip Mall	27710	1.5000e-004	1.3600e-003	1.1400e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	1.4787	1.4787	3.0000e-005	3.0000e-005	1.4875
Total		**1.4300e-003**	**0.0130**	**0.0109**	**8.0000e-005**		**9.8000e-004**	**9.8000e-004**		**9.8000e-004**	**9.8000e-004**	**0.0000**	**14.1329**	**14.1329**	**2.7000e-004**	**2.6000e-004**	**14.2169**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.27793e+006	403.9812	0.0341	4.1300e-003	406.0653
Enclosed Parking with Elevator	1.11194e+006	197.1969	0.0166	2.0200e-003	198.2142
General Office Building	287500	50.9868	4.3000e-003	5.2000e-004	51.2499
Strip Mall	222190	39.4044	3.3300e-003	4.0000e-004	39.6077
Total		**691.5694**	**0.0584**	**7.0700e-003**	**695.1371**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.27793e+006	403.9812	0.0341	4.1300e-003	406.0653
Enclosed Parking with Elevator	1.11194e+006	197.1969	0.0166	2.0200e-003	198.2142
General Office Building	287500	50.9868	4.3000e-003	5.2000e-004	51.2499
Strip Mall	222190	39.4044	3.3300e-003	4.0000e-004	39.6077
Total		**691.5694**	**0.0584**	**7.0700e-003**	**695.1371**

6.0 Area Detail

6.1 Mitigation Measures Area

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6708	0.0418	3.6336	1.9000e-004		0.0202	0.0202		0.0202	0.0202	0.0000	5.9433	5.9433	5.7100e-003	0.0000	6.0862
Unmitigated	1.6708	0.0418	3.6336	1.9000e-004		0.0202	0.0202		0.0202	0.0202	0.0000	5.9433	5.9433	5.7100e-003	0.0000	6.0862

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	0.1315					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.4297					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1095	0.0418	3.6336	1.9000e-004		0.0202	0.0202		0.0202	0.0202	0.0000	5.9433	5.9433	5.7100e-003	0.0000	6.0862
Total	**1.6707**	**0.0418**	**3.6336**	**1.9000e-004**		**0.0202**	**0.0202**		**0.0202**	**0.0202**	**0.0000**	**5.9433**	**5.9433**	**5.7100e-003**	**0.0000**	**6.0862**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.1315					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.4297					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1095	0.0418	3.6336	1.9000e-004		0.0202	0.0202		0.0202	0.0202	0.0000	5.9433	5.9433	5.7100e-003	0.0000	6.0862
Total	**1.6707**	**0.0418**	**3.6336**	**1.9000e-004**		**0.0202**	**0.0202**		**0.0202**	**0.0202**	**0.0000**	**5.9433**	**5.9433**	**5.7100e-003**	**0.0000**	**6.0862**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	109.2250	0.9300	0.0228	139.2653
Unmitigated	109.2250	0.9300	0.0228	139.2653

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	22.9342 / 14.4585	88.7238	0.7542	0.0185	113.0852
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	4.08788 / 2.50547	15.6732	0.1344	3.2900e-003	20.0148
Strip Mall	1.25923 / 0.771788	4.8280	0.0414	1.0100e-003	6.1654
Total		**109.2251**	**0.9300**	**0.0228**	**139.2653**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	22.9342 / 14.4585	88.7238	0.7542	0.0185	113.0852
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	4.08788 / 2.50547	15.6732	0.1344	3.2900e-003	20.0148
Strip Mall	1.25923 / 0.771788	4.8280	0.0414	1.0100e-003	6.1654
Total		**109.2251**	**0.9300**	**0.0228**	**139.2653**

8.0 Waste Detail

8.1 Mitigation Measures Waste

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	40.8337	2.4132	0.0000	101.1637
Unmitigated	40.8337	2.4132	0.0000	101.1637

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	161.92	32.8683	1.9425	0.0000	81.4298
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	21.39	4.3420	0.2566	0.0000	10.7571
Strip Mall	17.85	3.6234	0.2141	0.0000	8.9768
Total		**40.8337**	**2.4132**	**0.0000**	**101.1637**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	161.92	32.8683	1.9425	0.0000	81.4298
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	21.39	4.3420	0.2566	0.0000	10.7571
Strip Mall	17.85	3.6234	0.2141	0.0000	8.9768
Total		**40.8337**	**2.4132**	**0.0000**	**101.1637**

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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Equipment Type	Number

11.0 Vegetation

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	72.00	Dwelling Unit	3.70	72,000.00	206

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - See Assumptions

Construction Phase - Based on provide project schedule.

Off-road Equipment - All equipment is either Tier 4 or electeric per Project design.

Off-road Equipment - All equipment is either Tier 4 or electeric per Project design.

Off-road Equipment - See Assumptions - All equipment is either Tier 4 or electric.

Demolition - See Assumptions

Vehicle Trips - See assumptions

Woodstoves - No exiting fireplaces

Energy Use - See Assumptions

Construction Off-road Equipment Mitigation - All equipment is either Tier 4 or Alternative as provided.

Trips and VMT - See Assumption

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	18.00	349.00
tblConstructionPhase	NumDays	230.00	698.00
tblConstructionPhase	NumDays	20.00	36.00
tblEnergyUse	T24NG	5,546.02	5,546.00
tblFireplaces	FireplaceDayYear	25.00	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	61.20	0.00
tblFireplaces	NumberNoFireplace	7.20	72.00
tblFireplaces	NumberWood	3.60	0.00
tblLandUse	LotAcreage	1.89	3.70
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	8.70	8.51
tblVehicleTrips	HS_TL	5.90	8.51
tblVehicleTrips	HW_TL	14.70	8.51
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	4.91	3.92
tblVehicleTrips	SU_TR	4.09	3.92
tblVehicleTrips	WD_TR	5.44	3.92
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.0 Emissions Summary

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.2856	2.4950	2.9729	5.9000e-003	0.0837	0.1107	0.1944	0.0218	0.1042	0.1260	0.0000	515.8404	515.8404	0.1107	4.2100e-003	519.8638
2025	0.4064	2.6019	3.1383	6.3200e-003	0.0882	0.1102	0.1984	0.0236	0.1049	0.1284	0.0000	542.3375	542.3375	0.1016	4.1100e-003	546.1026
2026	0.4642	2.5262	3.0820	6.1200e-003	0.0773	0.1072	0.1846	0.0207	0.1029	0.1236	0.0000	518.3933	518.3933	0.0873	3.3200e-003	521.5656
Maximum	**0.4642**	**2.6019**	**3.1383**	**6.3200e-003**	**0.0882**	**0.1107**	**0.1984**	**0.0236**	**0.1049**	**0.1284**	**0.0000**	**542.3375**	**542.3375**	**0.1107**	**4.2100e-003**	**546.1026**

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	0.0862	0.6445	3.2944	5.7400e-003	0.0837	8.3000e-003	0.0920	0.0218	8.2600e-003	0.0301	0.0000	505.4828	505.4828	0.1096	4.2100e-003	509.4793
2025	0.1709	0.6352	3.2172	5.8500e-003	0.0882	8.1100e-003	0.0963	0.0236	8.0600e-003	0.0316	0.0000	512.2282	512.2282	0.0984	4.1100e-003	515.9152
2026	0.2164	0.5415	3.0092	5.5000e-003	0.0773	7.4400e-003	0.0848	0.0207	7.4000e-003	0.0281	0.0000	478.8894	478.8894	0.0832	3.3200e-003	481.9592
Maximum	**0.2164**	**0.6445**	**3.2944**	**5.8500e-003**	**0.0882**	**8.3000e-003**	**0.0963**	**0.0236**	**8.2600e-003**	**0.0316**	**0.0000**	**512.2282**	**512.2282**	**0.1096**	**4.2100e-003**	**515.9152**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	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	**59.05**	**76.11**	**-3.56**	**6.82**	**0.00**	**92.73**	**52.70**	**0.00**	**92.40**	**76.25**	**0.00**	**5.07**	**5.07**	**2.77**	**0.00**	**5.05**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2024**	**3-31-2024**	0.8750	0.2180
2	**4-1-2024**	**6-30-2024**	0.6273	0.1682
3	**7-1-2024**	**9-30-2024**	0.6342	0.1701
4	**10-1-2024**	**12-31-2024**	0.6354	0.1713
5	**1-1-2025**	**3-31-2025**	0.5759	0.1668
6	**4-1-2025**	**6-30-2025**	0.5812	0.1675
7	**7-1-2025**	**9-30-2025**	0.9217	0.2341
8	**10-1-2025**	**12-31-2025**	0.9230	0.2354
9	**1-1-2026**	**3-31-2026**	0.9021	0.2295
10	**4-1-2026**	**6-30-2026**	0.9109	0.2308
11	**7-1-2026**	**9-30-2026**	0.9209	0.2333
		Highest	0.9230	0.2354

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.3050	8.5400e-003	0.7418	4.0000e-005		4.1200e-003	4.1200e-003		4.1200e-003	4.1200e-003	0.0000	1.2129	1.2129	1.1600e-003	0.0000	1.2419
Energy	2.8000e-003	0.0239	0.0102	1.5000e-004		1.9300e-003	1.9300e-003		1.9300e-003	1.9300e-003	0.0000	72.7290	72.7290	4.3300e-003	9.7000e-004	73.1259
Mobile	0.1304	0.1385	1.2969	2.8500e-003	0.3285	2.0300e-003	0.3306	0.0877	1.8800e-003	0.0895	0.0000	263.6619	263.6619	0.0186	0.0116	267.5763
Waste						0.0000	0.0000		0.0000	0.0000	6.7231	0.0000	6.7231	0.3973	0.0000	16.6561
Water						0.0000	0.0000		0.0000	0.0000	1.4883	16.6598	18.1481	0.1543	3.7800e-003	23.1311
Total	**0.4382**	**0.1710**	**2.0489**	**3.0400e-003**	**0.3285**	**8.0800e-003**	**0.3366**	**0.0877**	**7.9300e-003**	**0.0956**	**8.2113**	**354.2635**	**362.4749**	**0.5757**	**0.0163**	**381.7312**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.3050	8.5400e-003	0.7418	4.0000e-005		4.1200e-003	4.1200e-003		4.1200e-003	4.1200e-003	0.0000	1.2129	1.2129	1.1600e-003	0.0000	1.2419
Energy	2.8000e-003	0.0239	0.0102	1.5000e-004		1.9300e-003	1.9300e-003		1.9300e-003	1.9300e-003	0.0000	72.7290	72.7290	4.3300e-003	9.7000e-004	73.1259
Mobile	0.1304	0.1385	1.2969	2.8500e-003	0.3285	2.0300e-003	0.3306	0.0877	1.8800e-003	0.0895	0.0000	263.6619	263.6619	0.0186	0.0116	267.5763
Waste						0.0000	0.0000		0.0000	0.0000	6.7231	0.0000	6.7231	0.3973	0.0000	16.6561
Water						0.0000	0.0000		0.0000	0.0000	1.4883	16.6598	18.1481	0.1543	3.7800e-003	23.1311
Total	**0.4382**	**0.1710**	**2.0489**	**3.0400e-003**	**0.3285**	**8.0800e-003**	**0.3366**	**0.0877**	**7.9300e-003**	**0.0956**	**8.2113**	**354.2635**	**362.4749**	**0.5757**	**0.0163**	**381.7312**

	ROG	NOx	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	2/19/2024	5	36	
2	Building Construction	Building Construction	2/20/2024	10/22/2026	5	698	
3	Architectural Coating	Architectural Coating	7/1/2025	10/30/2026	5	349	

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 145,800; Residential Outdoor: 48,600; 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	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Excavators	4	8.00	158	0.38
Demolition	Generator Sets	2	8.00	84	0.74
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	2	8.00	203	0.36
Demolition	Sweepers/Scrubbers	2	8.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Air Compressors	2	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Rough Terrain Forklifts	2	8.00	100	0.40
Building Construction	Sweepers/Scrubbers	2	8.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	3	8.00	78	0.48
Architectural Coating	Cement and Mortar Mixers	6	8.00	9	0.56
Architectural Coating	Pressure Washers	3	8.00	13	0.30

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	16	40.00	0.00	44.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	52.00	8.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	12	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

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					4.7800e-003	0.0000	4.7800e-003	7.2000e-004	0.0000	7.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0602	0.5255	0.7822	1.3800e-003		0.0241	0.0241		0.0228	0.0228	0.0000	119.9047	119.9047	0.0277	0.0000	120.5968
Total	**0.0602**	**0.5255**	**0.7822**	**1.3800e-003**	**4.7800e-003**	**0.0241**	**0.0288**	**7.2000e-004**	**0.0228**	**0.0235**	**0.0000**	**119.9047**	**119.9047**	**0.0277**	**0.0000**	**120.5968**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	8.0000e-005	6.9700e-003	1.4600e-003	3.0000e-005	9.5000e-004	5.0000e-005	9.9000e-004	2.6000e-004	4.0000e-005	3.0000e-004	0.0000	3.0793	3.0793	1.8000e-004	4.9000e-004	3.2295
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1300e-003	1.6200e-003	0.0228	7.0000e-005	7.8900e-003	5.0000e-005	7.9400e-003	2.1000e-003	4.0000e-005	2.1400e-003	0.0000	6.1026	6.1026	1.5000e-004	1.5000e-004	6.1517
Total	**2.2100e-003**	**8.5900e-003**	**0.0243**	**1.0000e-004**	**8.8400e-003**	**1.0000e-004**	**8.9300e-003**	**2.3600e-003**	**8.0000e-005**	**2.4400e-003**	**0.0000**	**9.1819**	**9.1819**	**3.3000e-004**	**6.4000e-004**	**9.3812**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					4.7800e-003	0.0000	4.7800e-003	7.2000e-004	0.0000	7.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1150	0.9069	1.3800e-003		2.1100e-003	2.1100e-003		2.1100e-003	2.1100e-003	0.0000	119.9046	119.9046	0.0277	0.0000	120.5966
Total	**0.0170**	**0.1150**	**0.9069**	**1.3800e-003**	**4.7800e-003**	**2.1100e-003**	**6.8900e-003**	**7.2000e-004**	**2.1100e-003**	**2.8300e-003**	**0.0000**	**119.9046**	**119.9046**	**0.0277**	**0.0000**	**120.5966**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	8.0000e-005	6.9700e-003	1.4600e-003	3.0000e-005	9.5000e-004	5.0000e-005	9.9000e-004	2.6000e-004	4.0000e-005	3.0000e-004	0.0000	3.0793	3.0793	1.8000e-004	4.9000e-004	3.2295
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1300e-003	1.6200e-003	0.0228	7.0000e-005	7.8900e-003	5.0000e-005	7.9400e-003	2.1000e-003	4.0000e-005	2.1400e-003	0.0000	6.1026	6.1026	1.5000e-004	1.5000e-004	6.1517
Total	**2.2100e-003**	**8.5900e-003**	**0.0243**	**1.0000e-004**	**8.8400e-003**	**1.0000e-004**	**8.9300e-003**	**2.3600e-003**	**8.0000e-005**	**2.4400e-003**	**0.0000**	**9.1819**	**9.1819**	**3.3000e-004**	**6.4000e-004**	**9.3812**

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	0.2048	1.9112	1.9669	3.7100e-003		0.0860	0.0860		0.0808	0.0808	0.0000	320.7597	320.7597	0.0809	0.0000	322.7826
Total	**0.2048**	**1.9112**	**1.9669**	**3.7100e-003**		**0.0860**	**0.0860**		**0.0808**	**0.0808**	**0.0000**	**320.7597**	**320.7597**	**0.0809**	**0.0000**	**322.7826**

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3.3 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.9000e-004	0.0365	0.0134	1.7000e-004	5.7000e-003	1.8000e-004	5.8700e-003	1.6400e-003	1.7000e-004	1.8100e-003	0.0000	16.1901	16.1901	5.5000e-004	2.3300e-003	16.8989
Worker	0.0174	0.0132	0.1862	5.4000e-004	0.0644	3.8000e-004	0.0648	0.0171	3.5000e-004	0.0175	0.0000	49.8039	49.8039	1.2300e-003	1.2400e-003	50.2043
Total	**0.0184**	**0.0497**	**0.1995**	**7.1000e-004**	**0.0701**	**5.6000e-004**	**0.0706**	**0.0187**	**5.2000e-004**	**0.0193**	**0.0000**	**65.9940**	**65.9940**	**1.7800e-003**	**3.5700e-003**	**67.1032**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0486	0.4712	2.1637	3.5500e-003		5.5400e-003	5.5400e-003		5.5400e-003	5.5400e-003	0.0000	310.4023	310.4023	0.0798	0.0000	312.3983
Total	**0.0486**	**0.4712**	**2.1637**	**3.5500e-003**		**5.5400e-003**	**5.5400e-003**		**5.5400e-003**	**5.5400e-003**	**0.0000**	**310.4023**	**310.4023**	**0.0798**	**0.0000**	**312.3983**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.9000e-004	0.0365	0.0134	1.7000e-004	5.7000e-003	1.8000e-004	5.8700e-003	1.6400e-003	1.7000e-004	1.8100e-003	0.0000	16.1901	16.1901	5.5000e-004	2.3300e-003	16.8989
Worker	0.0174	0.0132	0.1862	5.4000e-004	0.0644	3.8000e-004	0.0648	0.0171	3.5000e-004	0.0175	0.0000	49.8039	49.8039	1.2300e-003	1.2400e-003	50.2043
Total	**0.0184**	**0.0497**	**0.1995**	**7.1000e-004**	**0.0701**	**5.6000e-004**	**0.0706**	**0.0187**	**5.2000e-004**	**0.0193**	**0.0000**	**65.9940**	**65.9940**	**1.7800e-003**	**3.5700e-003**	**67.1032**

3.3 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	0.2228	2.0386	2.2564	4.2900e-003		0.0879	0.0879		0.0826	0.0826	0.0000	370.4350	370.4350	0.0933	0.0000	372.7672
Total	**0.2228**	**2.0386**	**2.2564**	**4.2900e-003**		**0.0879**	**0.0879**		**0.0826**	**0.0826**	**0.0000**	**370.4350**	**370.4350**	**0.0933**	**0.0000**	**372.7672**

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3.3 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	1.1100e-003	0.0420	0.0151	1.9000e-004	6.5800e-003	2.0000e-004	6.7800e-003	1.9000e-003	2.0000e-004	2.0900e-003	0.0000	18.3611	18.3611	6.4000e-004	2.6500e-003	19.1658
Worker	0.0188	0.0137	0.2001	6.1000e-004	0.0744	4.2000e-004	0.0748	0.0198	3.8000e-004	0.0201	0.0000	55.5624	55.5624	1.2900e-003	1.3400e-003	55.9930
Total	**0.0199**	**0.0557**	**0.2152**	**8.0000e-004**	**0.0809**	**6.2000e-004**	**0.0816**	**0.0217**	**5.8000e-004**	**0.0222**	**0.0000**	**73.9235**	**73.9235**	**1.9300e-003**	**3.9900e-003**	**75.1588**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0562	0.5442	2.4988	4.1000e-003		6.4000e-003	6.4000e-003		6.4000e-003	6.4000e-003	0.0000	358.4735	358.4735	0.0921	0.0000	360.7747
Total	**0.0562**	**0.5442**	**2.4988**	**4.1000e-003**		**6.4000e-003**	**6.4000e-003**		**6.4000e-003**	**6.4000e-003**	**0.0000**	**358.4735**	**358.4735**	**0.0921**	**0.0000**	**360.7747**

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3.3 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	1.1100e-003	0.0420	0.0151	1.9000e-004	6.5800e-003	2.0000e-004	6.7800e-003	1.9000e-003	2.0000e-004	2.0900e-003	0.0000	18.3611	18.3611	6.4000e-004	2.6500e-003	19.1658
Worker	0.0188	0.0137	0.2001	6.1000e-004	0.0744	4.2000e-004	0.0748	0.0198	3.8000e-004	0.0201	0.0000	55.5624	55.5624	1.2900e-003	1.3400e-003	55.9930
Total	**0.0199**	**0.0557**	**0.2152**	**8.0000e-004**	**0.0809**	**6.2000e-004**	**0.0816**	**0.0217**	**5.8000e-004**	**0.0222**	**0.0000**	**73.9235**	**73.9235**	**1.9300e-003**	**3.9900e-003**	**75.1588**

3.3 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	0.1801	1.6481	1.8241	3.4700e-003		0.0710	0.0710		0.0668	0.0668	0.0000	299.4704	299.4704	0.0754	0.0000	301.3559
Total	**0.1801**	**1.6481**	**1.8241**	**3.4700e-003**		**0.0710**	**0.0710**		**0.0668**	**0.0668**	**0.0000**	**299.4704**	**299.4704**	**0.0754**	**0.0000**	**301.3559**

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3.3 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	8.7000e-004	0.0337	0.0121	1.5000e-004	5.3200e-003	1.6000e-004	5.4800e-003	1.5400e-003	1.6000e-004	1.6900e-003	0.0000	14.5683	14.5683	5.2000e-004	2.1000e-003	15.2074
Worker	0.0143	0.0100	0.1517	4.7000e-004	0.0601	3.2000e-004	0.0604	0.0160	2.9000e-004	0.0163	0.0000	43.5530	43.5530	9.4000e-004	1.0200e-003	43.8801
Total	**0.0152**	**0.0437**	**0.1638**	**6.2000e-004**	**0.0654**	**4.8000e-004**	**0.0659**	**0.0175**	**4.5000e-004**	**0.0180**	**0.0000**	**58.1213**	**58.1213**	**1.4600e-003**	**3.1200e-003**	**59.0876**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0454	0.4399	2.0201	3.3200e-003		5.1800e-003	5.1800e-003		5.1800e-003	5.1800e-003	0.0000	289.8004	289.8004	0.0744	0.0000	291.6608
Total	**0.0454**	**0.4399**	**2.0201**	**3.3200e-003**		**5.1800e-003**	**5.1800e-003**		**5.1800e-003**	**5.1800e-003**	**0.0000**	**289.8004**	**289.8004**	**0.0744**	**0.0000**	**291.6608**

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3.3 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	8.7000e-004	0.0337	0.0121	1.5000e-004	5.3200e-003	1.6000e-004	5.4800e-003	1.5400e-003	1.6000e-004	1.6900e-003	0.0000	14.5683	14.5683	5.2000e-004	2.1000e-003	15.2074
Worker	0.0143	0.0100	0.1517	4.7000e-004	0.0601	3.2000e-004	0.0604	0.0160	2.9000e-004	0.0163	0.0000	43.5530	43.5530	9.4000e-004	1.0200e-003	43.8801
Total	**0.0152**	**0.0437**	**0.1638**	**6.2000e-004**	**0.0654**	**4.8000e-004**	**0.0659**	**0.0175**	**4.5000e-004**	**0.0180**	**0.0000**	**58.1213**	**58.1213**	**1.4600e-003**	**3.1200e-003**	**59.0876**

3.4 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	0.0852					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0766	0.5064	0.6473	1.1800e-003		0.0217	0.0217		0.0217	0.0217	0.0000	92.5751	92.5751	6.2300e-003	0.0000	92.7308
Total	**0.1618**	**0.5064**	**0.6473**	**1.1800e-003**		**0.0217**	**0.0217**		**0.0217**	**0.0217**	**0.0000**	**92.5751**	**92.5751**	**6.2300e-003**	**0.0000**	**92.7308**

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3.4 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	1.8300e-003	1.3300e-003	0.0195	6.0000e-005	7.2300e-003	4.0000e-005	7.2700e-003	1.9200e-003	4.0000e-005	1.9600e-003	0.0000	5.4040	5.4040	1.3000e-004	1.3000e-004	5.4458
Total	**1.8300e-003**	**1.3300e-003**	**0.0195**	**6.0000e-005**	**7.2300e-003**	**4.0000e-005**	**7.2700e-003**	**1.9200e-003**	**4.0000e-005**	**1.9600e-003**	**0.0000**	**5.4040**	**5.4040**	**1.3000e-004**	**1.3000e-004**	**5.4458**

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	tons/yr										MT/yr					
Archit. Coating	0.0852					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.8400e-003	0.0340	0.4838	8.9000e-004		1.0500e-003	1.0500e-003		1.0500e-003	1.0500e-003	0.0000	74.4273	74.4273	4.3400e-003	0.0000	74.5359
Total	**0.0930**	**0.0340**	**0.4838**	**8.9000e-004**		**1.0500e-003**	**1.0500e-003**		**1.0500e-003**	**1.0500e-003**	**0.0000**	**74.4273**	**74.4273**	**4.3400e-003**	**0.0000**	**74.5359**

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3.4 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	1.8300e-003	1.3300e-003	0.0195	6.0000e-005	7.2300e-003	4.0000e-005	7.2700e-003	1.9200e-003	4.0000e-005	1.9600e-003	0.0000	5.4040	5.4040	1.3000e-004	1.3000e-004	5.4458
Total	**1.8300e-003**	**1.3300e-003**	**0.0195**	**6.0000e-005**	**7.2300e-003**	**4.0000e-005**	**7.2700e-003**	**1.9200e-003**	**4.0000e-005**	**1.9600e-003**	**0.0000**	**5.4040**	**5.4040**	**1.3000e-004**	**1.3000e-004**	**5.4458**

3.4 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	0.1401					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1260	0.8324	1.0641	1.9300e-003		0.0357	0.0357		0.0357	0.0357	0.0000	152.1878	152.1878	0.0102	0.0000	152.4438
Total	**0.2661**	**0.8324**	**1.0641**	**1.9300e-003**		**0.0357**	**0.0357**		**0.0357**	**0.0357**	**0.0000**	**152.1878**	**152.1878**	**0.0102**	**0.0000**	**152.4438**

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3.4 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	2.8300e-003	1.9900e-003	0.0300	9.0000e-005	0.0119	6.0000e-005	0.0120	3.1600e-003	6.0000e-005	3.2200e-003	0.0000	8.6138	8.6138	1.9000e-004	2.0000e-004	8.6784
Total	**2.8300e-003**	**1.9900e-003**	**0.0300**	**9.0000e-005**	**0.0119**	**6.0000e-005**	**0.0120**	**3.1600e-003**	**6.0000e-005**	**3.2200e-003**	**0.0000**	**8.6138**	**8.6138**	**1.9000e-004**	**2.0000e-004**	**8.6784**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1401					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0129	0.0559	0.7953	1.4700e-003		1.7200e-003	1.7200e-003		1.7200e-003	1.7200e-003	0.0000	122.3539	122.3539	7.1400e-003	0.0000	122.5324
Total	**0.1530**	**0.0559**	**0.7953**	**1.4700e-003**		**1.7200e-003**	**1.7200e-003**		**1.7200e-003**	**1.7200e-003**	**0.0000**	**122.3539**	**122.3539**	**7.1400e-003**	**0.0000**	**122.5324**

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3.4 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	2.8300e-003	1.9900e-003	0.0300	9.0000e-005	0.0119	6.0000e-005	0.0120	3.1600e-003	6.0000e-005	3.2200e-003	0.0000	8.6138	8.6138	1.9000e-004	2.0000e-004	8.6784
Total	**2.8300e-003**	**1.9900e-003**	**0.0300**	**9.0000e-005**	**0.0119**	**6.0000e-005**	**0.0120**	**3.1600e-003**	**6.0000e-005**	**3.2200e-003**	**0.0000**	**8.6138**	**8.6138**	**1.9000e-004**	**2.0000e-004**	**8.6784**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.1304	0.1385	1.2969	2.8500e-003	0.3285	2.0300e-003	0.3306	0.0877	1.8800e-003	0.0895	0.0000	263.6619	263.6619	0.0186	0.0116	267.5763
Unmitigated	0.1304	0.1385	1.2969	2.8500e-003	0.3285	2.0300e-003	0.3306	0.0877	1.8800e-003	0.0895	0.0000	263.6619	263.6619	0.0186	0.0116	267.5763

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	282.24	282.24	282.24	874,278	874,278
Total	282.24	282.24	282.24	874,278	874,278

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
Apartments Mid Rise	8.51	8.51	8.51	40.20	19.20	40.60	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.0 Energy Detail

Historical Energy Use: Y

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	45.0344	45.0344	3.8000e-003	4.6000e-004	45.2668
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	45.0344	45.0344	3.8000e-003	4.6000e-004	45.2668
NaturalGas Mitigated	2.8000e-003	0.0239	0.0102	1.5000e-004		1.9300e-003	1.9300e-003		1.9300e-003	1.9300e-003	0.0000	27.6945	27.6945	5.3000e-004	5.1000e-004	27.8591
NaturalGas Unmitigated	2.8000e-003	0.0239	0.0102	1.5000e-004		1.9300e-003	1.9300e-003		1.9300e-003	1.9300e-003	0.0000	27.6945	27.6945	5.3000e-004	5.1000e-004	27.8591

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	518976	2.8000e-003	0.0239	0.0102	1.5000e-004		1.9300e-003	1.9300e-003		1.9300e-003	1.9300e-003	0.0000	27.6945	27.6945	5.3000e-004	5.1000e-004	27.8591
Total		**2.8000e-003**	**0.0239**	**0.0102**	**1.5000e-004**		**1.9300e-003**	**1.9300e-003**		**1.9300e-003**	**1.9300e-003**	**0.0000**	**27.6945**	**27.6945**	**5.3000e-004**	**5.1000e-004**	**27.8591**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	518976	2.8000e-003	0.0239	0.0102	1.5000e-004		1.9300e-003	1.9300e-003		1.9300e-003	1.9300e-003	0.0000	27.6945	27.6945	5.3000e-004	5.1000e-004	27.8591
Total		**2.8000e-003**	**0.0239**	**0.0102**	**1.5000e-004**		**1.9300e-003**	**1.9300e-003**		**1.9300e-003**	**1.9300e-003**	**0.0000**	**27.6945**	**27.6945**	**5.3000e-004**	**5.1000e-004**	**27.8591**

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	253936	45.0344	3.8000e-003	4.6000e-004	45.2668
Total		**45.0344**	**3.8000e-003**	**4.6000e-004**	**45.2668**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	253936	45.0344	3.8000e-003	4.6000e-004	45.2668
Total		**45.0344**	**3.8000e-003**	**4.6000e-004**	**45.2668**

6.0 Area Detail

6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.3050	8.5400e-003	0.7418	4.0000e-005		4.1200e-003	4.1200e-003		4.1200e-003	4.1200e-003	0.0000	1.2129	1.2129	1.1600e-003	0.0000	1.2419
Unmitigated	0.3050	8.5400e-003	0.7418	4.0000e-005		4.1200e-003	4.1200e-003		4.1200e-003	4.1200e-003	0.0000	1.2129	1.2129	1.1600e-003	0.0000	1.2419

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	0.0225					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2602					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0223	8.5400e-003	0.7418	4.0000e-005		4.1200e-003	4.1200e-003		4.1200e-003	4.1200e-003	0.0000	1.2129	1.2129	1.1600e-003	0.0000	1.2419
Total	**0.3050**	**8.5400e-003**	**0.7418**	**4.0000e-005**		**4.1200e-003**	**4.1200e-003**		**4.1200e-003**	**4.1200e-003**	**0.0000**	**1.2129**	**1.2129**	**1.1600e-003**	**0.0000**	**1.2419**

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0225					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2602					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0223	8.5400e-003	0.7418	4.0000e-005		4.1200e-003	4.1200e-003		4.1200e-003	4.1200e-003	0.0000	1.2129	1.2129	1.1600e-003	0.0000	1.2419
Total	**0.3050**	**8.5400e-003**	**0.7418**	**4.0000e-005**		**4.1200e-003**	**4.1200e-003**		**4.1200e-003**	**4.1200e-003**	**0.0000**	**1.2129**	**1.2129**	**1.1600e-003**	**0.0000**	**1.2419**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	18.1481	0.1543	3.7800e-003	23.1311
Unmitigated	18.1481	0.1543	3.7800e-003	23.1311

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	4.69109 / 2.95743	18.1481	0.1543	3.7800e-003	23.1311
Total		**18.1481**	**0.1543**	**3.7800e-003**	**23.1311**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	4.69109 / 2.95743	18.1481	0.1543	3.7800e-003	23.1311
Total		**18.1481**	**0.1543**	**3.7800e-003**	**23.1311**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	6.7231	0.3973	0.0000	16.6561
Unmitigated	6.7231	0.3973	0.0000	16.6561

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	33.12	6.7231	0.3973	0.0000	16.6561
Total		**6.7231**	**0.3973**	**0.0000**	**16.6561**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	33.12	6.7231	0.3973	0.0000	16.6561
Total		**6.7231**	**0.3973**	**0.0000**	**16.6561**

9.0 Operational Offroad

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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	15.00	1000sqft	0.34	15,000.00	0
Enclosed Parking with Elevator	331.00	Space	0.81	132,400.00	0
Apartments Mid Rise	228.00	Dwelling Unit	1.00	228,000.00	652
Strip Mall	11.00	1000sqft	0.25	11,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2031
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - See Assumptions

Construction Phase - Schedule Provided

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - See Assumptions

Trips and VMT - See assumptiosn

Demolition -

Grading - See Assumptions

Vehicle Trips - See Assumptions

Woodstoves - No hearths

Energy Use - all electric apartments

Construction Off-road Equipment Mitigation - All equipment is either Tier 4 or Electric based on project design. CalEEMod Mitigated Scenario = Actual Project scenario

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	14.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	10.00	176.00
tblConstructionPhase	NumDays	220.00	351.00
tblConstructionPhase	NumDays	20.00	31.00
tblConstructionPhase	NumDays	6.00	31.00
tblConstructionPhase	NumDays	6.00	31.00
tblConstructionPhase	NumDays	10.00	8.00
tblConstructionPhase	NumDays	3.00	15.00
tblEnergyUse	NT24E	3,054.10	4,469.93
tblEnergyUse	NT24NG	4,831.00	0.00
tblEnergyUse	T24E	35.05	1,260.03

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblEnergyUse	T24NG	4,179.80	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	193.80	0.00
tblFireplaces	NumberNoFireplace	22.80	228.00
tblFireplaces	NumberWood	11.40	0.00
tblGrading	AcresOfGrading	31.00	6.00
tblGrading	AcresOfGrading	0.00	6.00
tblGrading	AcresOfGrading	0.00	4.50
tblGrading	MaterialExported	0.00	50,170.00
tblLandUse	LotAcreage	2.98	0.81
tblLandUse	LotAcreage	6.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	6,271.00	3,160.00
tblVehicleTrips	CC_TL	8.40	9.10
tblVehicleTrips	CC_TL	8.40	9.10
tblVehicleTrips	CNW_TL	6.90	9.10
tblVehicleTrips	CNW_TL	6.90	9.10
tblVehicleTrips	CW_TL	16.60	9.10
tblVehicleTrips	CW_TL	16.60	9.10
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	8.70	8.51
tblVehicleTrips	HS_TL	5.90	8.51
tblVehicleTrips	HW_TL	14.70	8.51
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	4.91	3.92
tblVehicleTrips	ST_TR	2.21	41.10
tblVehicleTrips	ST_TR	42.04	41.10
tblVehicleTrips	SU_TR	4.09	3.92
tblVehicleTrips	SU_TR	0.70	41.10
tblVehicleTrips	SU_TR	20.43	41.10
tblVehicleTrips	WD_TR	5.44	3.92
tblVehicleTrips	WD_TR	9.74	41.10
tblVehicleTrips	WD_TR	44.32	41.10
tblWoodstoves	NumberCatalytic	11.40	0.00
tblWoodstoves	NumberNoncatalytic	11.40	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
2027	0.1724	1.8627	2.2483	6.0100e-003	0.1216	0.0603	0.1819	0.0294	0.0574	0.0868	0.0000	550.1982	550.1982	0.0831	0.0351	562.7397
2028	0.6871	2.8768	3.8919	9.2900e-003	0.3664	0.1144	0.4808	0.0977	0.1082	0.2059	0.0000	823.7666	823.7666	0.1243	0.0194	832.6467
2029	0.7305	1.4065	1.8893	4.4600e-003	0.1841	0.0562	0.2403	0.0493	0.0538	0.1032	0.0000	390.3874	390.3874	0.0485	8.9800e-003	394.2757
Maximum	**0.7305**	**2.8768**	**3.8919**	**9.2900e-003**	**0.3664**	**0.1144**	**0.4808**	**0.0977**	**0.1082**	**0.2059**	**0.0000**	**823.7666**	**823.7666**	**0.1243**	**0.0351**	**832.6467**

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					
2027	0.0576	0.8165	2.2728	5.6300e-003	0.1064	0.0120	0.1185	0.0273	0.0116	0.0389	0.0000	520.0225	520.0225	0.0812	0.0351	532.5161
2028	0.4639	0.9193	4.1838	8.9500e-003	0.3647	0.0119	0.3765	0.0975	0.0117	0.1092	0.0000	801.6837	801.6837	0.1220	0.0194	810.5064
2029	0.6087	0.4226	1.8949	4.1500e-003	0.1841	6.2100e-003	0.1903	0.0493	6.1300e-003	0.0554	0.0000	370.0397	370.0397	0.0464	8.9800e-003	373.8752
Maximum	**0.6087**	**0.9193**	**4.1838**	**8.9500e-003**	**0.3647**	**0.0120**	**0.3765**	**0.0975**	**0.0117**	**0.1092**	**0.0000**	**801.6837**	**801.6837**	**0.1220**	**0.0351**	**810.5064**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	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	**28.92**	**64.88**	**-4.01**	**5.21**	**2.51**	**86.96**	**24.10**	**1.28**	**86.61**	**48.59**	**0.00**	**4.12**	**4.12**	**2.47**	**0.00**	**4.07**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**9-1-2027**	**11-30-2027**	1.2983	0.5573
2	**12-1-2027**	**2-29-2028**	1.4844	0.5089
3	**3-1-2028**	**5-31-2028**	0.6621	0.2439
4	**6-1-2028**	**8-31-2028**	0.6603	0.2421
5	**9-1-2028**	**11-30-2028**	1.0504	0.4826
6	**12-1-2028**	**2-28-2029**	1.2400	0.5996
7	**3-1-2029**	**5-31-2029**	1.2627	0.6081
8	**6-1-2029**	**8-31-2029**	0.0548	0.0264
		Highest	1.4844	0.6081

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	1.0822	0.0271	2.3496	1.2000e-004		0.0131	0.0131		0.0131	0.0131	0.0000	3.8496	3.8496	3.6800e-003	0.0000	3.9417
Energy	9.3000e-004	8.4600e-003	7.1100e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	457.3626	457.3626	0.0380	4.7500e-003	459.7293
Mobile	0.8607	0.8705	8.5526	0.0189	2.3710	0.0120	2.3830	0.6327	0.0111	0.6438	0.0000	1,747.7454	1,747.7454	0.1243	0.0764	1,773.6281
Waste						0.0000	0.0000		0.0000	0.0000	26.4660	0.0000	26.4660	1.5641	0.0000	65.5683
Water						0.0000	0.0000		0.0000	0.0000	5.8171	64.9974	70.8145	0.6030	0.0148	90.2908
Total	**1.9438**	**0.9060**	**10.9093**	**0.0190**	**2.3710**	**0.0257**	**2.3967**	**0.6327**	**0.0248**	**0.6575**	**32.2831**	**2,273.9551**	**2,306.2382**	**2.3330**	**0.0960**	**2,393.1582**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	1.0822	0.0271	2.3496	1.2000e-004		0.0131	0.0131		0.0131	0.0131	0.0000	3.8496	3.8496	3.6800e-003	0.0000	3.9417
Energy	9.3000e-004	8.4600e-003	7.1100e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	457.3626	457.3626	0.0380	4.7500e-003	459.7293
Mobile	0.8607	0.8705	8.5526	0.0189	2.3710	0.0120	2.3830	0.6327	0.0111	0.6438	0.0000	1,747.7454	1,747.7454	0.1243	0.0764	1,773.6281
Waste						0.0000	0.0000		0.0000	0.0000	26.4660	0.0000	26.4660	1.5641	0.0000	65.5683
Water						0.0000	0.0000		0.0000	0.0000	5.8171	64.9974	70.8145	0.6030	0.0148	90.2908
Total	**1.9438**	**0.9060**	**10.9093**	**0.0190**	**2.3710**	**0.0257**	**2.3967**	**0.6327**	**0.0248**	**0.6575**	**32.2831**	**2,273.9551**	**2,306.2382**	**2.3330**	**0.0960**	**2,393.1582**

	ROG	NOx	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	9/1/2027	10/13/2027	5	31	
2	Site Preparation	Site Preparation	10/14/2027	11/3/2027	5	15	
3	Grading	Grading	11/4/2027	12/16/2027	5	31	

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4	Utilities and Trenching	Grading	12/17/2027	1/28/2028	5	31	
5	Building Construction	Building Construction	1/29/2028	6/4/2029	5	351	
6	Paving	Paving	1/29/2028	2/9/2028	5	8	
7	Architectural Coating	Architectural Coating	10/2/2028	6/4/2029	5	176	

Acres of Grading (Site Preparation Phase): 4.5

Acres of Grading (Grading Phase): 6

Acres of Paving: 0.81

Residential Indoor: 461,700; Residential Outdoor: 153,900; Non-Residential Indoor: 39,000; Non-Residential Outdoor: 13,000; Striped Parking Area: 7,944 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Excavators	4	8.00	158	0.38
Demolition	Generator Sets	2	8.00	84	0.74
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	2	8.00	203	0.36
Demolition	Sweepers/Scrubbers	2	8.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Scrapers	0	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Site Preparation	Trenchers	2	8.00	78	0.50
Grading	Air Compressors	4	8.00	78	0.48
Grading	Excavators	4	8.00	158	0.38
Grading	Generator Sets	2	8.00	84	0.74
Grading	Graders	0	8.00	187	0.41
Grading	Plate Compactors	2	8.00	8	0.43

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Grading	Pumps	2	8.00	84	0.74
Grading	Rough Terrain Forklifts	2	8.00	100	0.40
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	1	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	6	8.00	97	0.37
Grading	Welders	4	8.00	46	0.45
Utilities and Trenching	Air Compressors	2	8.00	78	0.48
Utilities and Trenching	Concrete/Industrial Saws	2	8.00	81	0.73
Utilities and Trenching	Excavators	2	8.00	158	0.38
Utilities and Trenching	Generator Sets	2	8.00	84	0.74
Utilities and Trenching	Graders	0	8.00	187	0.41
Utilities and Trenching	Paving Equipment	2	8.00	132	0.36
Utilities and Trenching	Rollers	2	8.00	80	0.38
Utilities and Trenching	Rubber Tired Dozers	0	8.00	247	0.40
Utilities and Trenching	Rubber Tired Loaders	4	8.00	203	0.36
Utilities and Trenching	Signal Boards	4	8.00	6	0.82
Utilities and Trenching	Surfacing Equipment	2	8.00	263	0.30
Utilities and Trenching	Sweepers/Scrubbers	2	8.00	64	0.46
Utilities and Trenching	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Air Compressors	2	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Forklifts	0	7.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Rough Terrain Forklifts	2	8.00	100	0.40
Building Construction	Sweepers/Scrubbers	2	8.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Cement and Mortar Mixers	0	8.00	9	0.56

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Paving	Generator Sets	2	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Plate Compactors	2	8.00	8	0.43
Paving	Rollers	2	8.00	80	0.38
Paving	Signal Boards	2	8.00	6	0.82
Paving	Sweepers/Scrubbers	2	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Architectural Coating	Air Compressors	3	8.00	78	0.48
Architectural Coating	Cement and Mortar Mixers	6	8.00	9	0.56
Architectural Coating	Pressure Washers	2	8.00	13	0.30

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	16	40.00	0.00	147.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	27	68.00	0.00	3,160.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Utilities and Trenching	28	70.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	228.00	50.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	14	35.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	11	46.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

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3.2 Demolition - 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					
Fugitive Dust					0.0160	0.0000	0.0160	2.4100e-003	0.0000	2.4100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0479	0.4061	0.6714	1.1800e-003		0.0174	0.0174		0.0165	0.0165	0.0000	103.2747	103.2747	0.0237	0.0000	103.8678
Total	**0.0479**	**0.4061**	**0.6714**	**1.1800e-003**	**0.0160**	**0.0174**	**0.0334**	**2.4100e-003**	**0.0165**	**0.0189**	**0.0000**	**103.2747**	**103.2747**	**0.0237**	**0.0000**	**103.8678**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.6000e-004	0.0226	5.1100e-003	1.0000e-004	3.1600e-003	1.5000e-004	3.3100e-003	8.7000e-004	1.4000e-004	1.0100e-003	0.0000	9.7089	9.7089	6.0000e-004	1.5400e-003	10.1842
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5300e-003	1.0400e-003	0.0162	5.0000e-005	6.7900e-003	3.0000e-005	6.8300e-003	1.8000e-003	3.0000e-005	1.8400e-003	0.0000	4.7855	4.7855	1.0000e-004	1.1000e-004	4.8205
Total	**1.7900e-003**	**0.0237**	**0.0213**	**1.5000e-004**	**9.9500e-003**	**1.8000e-004**	**0.0101**	**2.6700e-003**	**1.7000e-004**	**2.8500e-003**	**0.0000**	**14.4944**	**14.4944**	**7.0000e-004**	**1.6500e-003**	**15.0047**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 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					
Fugitive Dust					7.1800e-003	0.0000	7.1800e-003	1.0900e-003	0.0000	1.0900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0146	0.0990	0.7810	1.1800e-003		1.8200e-003	1.8200e-003		1.8200e-003	1.8200e-003	0.0000	103.2746	103.2746	0.0237	0.0000	103.8677
Total	**0.0146**	**0.0990**	**0.7810**	**1.1800e-003**	**7.1800e-003**	**1.8200e-003**	**9.0000e-003**	**1.0900e-003**	**1.8200e-003**	**2.9100e-003**	**0.0000**	**103.2746**	**103.2746**	**0.0237**	**0.0000**	**103.8677**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.6000e-004	0.0226	5.1100e-003	1.0000e-004	3.1600e-003	1.5000e-004	3.3100e-003	8.7000e-004	1.4000e-004	1.0100e-003	0.0000	9.7089	9.7089	6.0000e-004	1.5400e-003	10.1842
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5300e-003	1.0400e-003	0.0162	5.0000e-005	6.7900e-003	3.0000e-005	6.8300e-003	1.8000e-003	3.0000e-005	1.8400e-003	0.0000	4.7855	4.7855	1.0000e-004	1.1000e-004	4.8205
Total	**1.7900e-003**	**0.0237**	**0.0213**	**1.5000e-004**	**9.9500e-003**	**1.8000e-004**	**0.0101**	**2.6700e-003**	**1.7000e-004**	**2.8500e-003**	**0.0000**	**14.4944**	**14.4944**	**7.0000e-004**	**1.6500e-003**	**15.0047**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 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					
Fugitive Dust					2.3900e-003	0.0000	2.3900e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.7100e-003	0.0442	0.0385	5.0000e-005		2.9400e-003	2.9400e-003		2.7100e-003	2.7100e-003	0.0000	4.4544	4.4544	1.4400e-003	0.0000	4.4905
Total	**4.7100e-003**	**0.0442**	**0.0385**	**5.0000e-005**	**2.3900e-003**	**2.9400e-003**	**5.3300e-003**	**2.6000e-004**	**2.7100e-003**	**2.9700e-003**	**0.0000**	**4.4544**	**4.4544**	**1.4400e-003**	**0.0000**	**4.4905**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	6.0000e-005	9.8000e-004	0.0000	4.1000e-004	0.0000	4.1000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.2895	0.2895	1.0000e-005	1.0000e-005	0.2916
Total	**9.0000e-005**	**6.0000e-005**	**9.8000e-004**	**0.0000**	**4.1000e-004**	**0.0000**	**4.1000e-004**	**1.1000e-004**	**0.0000**	**1.1000e-004**	**0.0000**	**0.2895**	**0.2895**	**1.0000e-005**	**1.0000e-005**	**0.2916**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 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					
Fugitive Dust					1.0700e-003	0.0000	1.0700e-003	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.2000e-004	2.6800e-003	0.0382	5.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	4.4544	4.4544	1.4400e-003	0.0000	4.4905
Total	**6.2000e-004**	**2.6800e-003**	**0.0382**	**5.0000e-005**	**1.0700e-003**	**8.0000e-005**	**1.1500e-003**	**1.2000e-004**	**8.0000e-005**	**2.0000e-004**	**0.0000**	**4.4544**	**4.4544**	**1.4400e-003**	**0.0000**	**4.4905**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	6.0000e-005	9.8000e-004	0.0000	4.1000e-004	0.0000	4.1000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.2895	0.2895	1.0000e-005	1.0000e-005	0.2916
Total	**9.0000e-005**	**6.0000e-005**	**9.8000e-004**	**0.0000**	**4.1000e-004**	**0.0000**	**4.1000e-004**	**1.1000e-004**	**0.0000**	**1.1000e-004**	**0.0000**	**0.2895**	**0.2895**	**1.0000e-005**	**1.0000e-005**	**0.2916**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 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					
Fugitive Dust					6.0200e-003	0.0000	6.0200e-003	7.7000e-004	0.0000	7.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0822	0.6736	1.0508	1.7800e-003		0.0269	0.0269		0.0258	0.0258	0.0000	152.4439	152.4439	0.0308	0.0000	153.2133
Total	**0.0822**	**0.6736**	**1.0508**	**1.7800e-003**	**6.0200e-003**	**0.0269**	**0.0330**	**7.7000e-004**	**0.0258**	**0.0266**	**0.0000**	**152.4439**	**152.4439**	**0.0308**	**0.0000**	**153.2133**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.6400e-003	0.4868	0.1099	2.0800e-003	0.0679	3.2200e-003	0.0711	0.0187	3.0800e-003	0.0217	0.0000	208.7080	208.7080	0.0130	0.0332	218.9258
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5900e-003	1.7600e-003	0.0275	9.0000e-005	0.0116	6.0000e-005	0.0116	3.0700e-003	5.0000e-005	3.1200e-003	0.0000	8.1354	8.1354	1.7000e-004	1.9000e-004	8.1948
Total	**8.2300e-003**	**0.4886**	**0.1374**	**2.1700e-003**	**0.0795**	**3.2800e-003**	**0.0828**	**0.0217**	**3.1300e-003**	**0.0249**	**0.0000**	**216.8434**	**216.8434**	**0.0132**	**0.0334**	**227.1206**

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3.4 Grading - 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					
Fugitive Dust					2.7100e-003	0.0000	2.7100e-003	3.5000e-004	0.0000	3.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.1563	0.9023	1.4200e-003		5.6600e-003	5.6600e-003		5.3500e-003	5.3500e-003	0.0000	123.2527	123.2527	0.0290	0.0000	123.9766
Total	**0.0237**	**0.1563**	**0.9023**	**1.4200e-003**	**2.7100e-003**	**5.6600e-003**	**8.3700e-003**	**3.5000e-004**	**5.3500e-003**	**5.7000e-003**	**0.0000**	**123.2527**	**123.2527**	**0.0290**	**0.0000**	**123.9766**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.6400e-003	0.4868	0.1099	2.0800e-003	0.0679	3.2200e-003	0.0711	0.0187	3.0800e-003	0.0217	0.0000	208.7080	208.7080	0.0130	0.0332	218.9258
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5900e-003	1.7600e-003	0.0275	9.0000e-005	0.0116	6.0000e-005	0.0116	3.0700e-003	5.0000e-005	3.1200e-003	0.0000	8.1354	8.1354	1.7000e-004	1.9000e-004	8.1948
Total	**8.2300e-003**	**0.4886**	**0.1374**	**2.1700e-003**	**0.0795**	**3.2800e-003**	**0.0828**	**0.0217**	**3.1300e-003**	**0.0249**	**0.0000**	**216.8434**	**216.8434**	**0.0132**	**0.0334**	**227.1206**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Utilities and Trenching - 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					
Fugitive Dust					3.1800e-003	0.0000	3.1800e-003	3.4000e-004	0.0000	3.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0265	0.2259	0.3179	6.4000e-004		9.5300e-003	9.5300e-003		9.0200e-003	9.0200e-003	0.0000	55.4262	55.4262	0.0133	0.0000	55.7579
Total	**0.0265**	**0.2259**	**0.3179**	**6.4000e-004**	**3.1800e-003**	**9.5300e-003**	**0.0127**	**3.4000e-004**	**9.0200e-003**	**9.3600e-003**	**0.0000**	**55.4262**	**55.4262**	**0.0133**	**0.0000**	**55.7579**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.5000e-004	6.4000e-004	0.0101	3.0000e-005	4.2200e-003	2.0000e-005	4.2400e-003	1.1200e-003	2.0000e-005	1.1400e-003	0.0000	2.9717	2.9717	6.0000e-005	7.0000e-005	2.9934
Total	**9.5000e-004**	**6.4000e-004**	**0.0101**	**3.0000e-005**	**4.2200e-003**	**2.0000e-005**	**4.2400e-003**	**1.1200e-003**	**2.0000e-005**	**1.1400e-003**	**0.0000**	**2.9717**	**2.9717**	**6.0000e-005**	**7.0000e-005**	**2.9934**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Utilities and Trenching - 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					
Fugitive Dust					1.4300e-003	0.0000	1.4300e-003	1.5000e-004	0.0000	1.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5900e-003	0.0456	0.3817	6.2000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	54.4419	54.4419	0.0132	0.0000	54.7711
Total	**7.5900e-003**	**0.0456**	**0.3817**	**6.2000e-004**	**1.4300e-003**	**9.7000e-004**	**2.4000e-003**	**1.5000e-004**	**9.7000e-004**	**1.1200e-003**	**0.0000**	**54.4419**	**54.4419**	**0.0132**	**0.0000**	**54.7711**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.5000e-004	6.4000e-004	0.0101	3.0000e-005	4.2200e-003	2.0000e-005	4.2400e-003	1.1200e-003	2.0000e-005	1.1400e-003	0.0000	2.9717	2.9717	6.0000e-005	7.0000e-005	2.9934
Total	**9.5000e-004**	**6.4000e-004**	**0.0101**	**3.0000e-005**	**4.2200e-003**	**2.0000e-005**	**4.2400e-003**	**1.1200e-003**	**2.0000e-005**	**1.1400e-003**	**0.0000**	**2.9717**	**2.9717**	**6.0000e-005**	**7.0000e-005**	**2.9934**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Utilities and Trenching - 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					3.1800e-003	0.0000	3.1800e-003	3.4000e-004	0.0000	3.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0482	0.4107	0.5780	1.1600e-003		0.0173	0.0173		0.0164	0.0164	0.0000	100.7749	100.7749	0.0241	0.0000	101.3781
Total	**0.0482**	**0.4107**	**0.5780**	**1.1600e-003**	**3.1800e-003**	**0.0173**	**0.0205**	**3.4000e-004**	**0.0164**	**0.0167**	**0.0000**	**100.7749**	**100.7749**	**0.0241**	**0.0000**	**101.3781**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6300e-003	1.0800e-003	0.0174	6.0000e-005	7.6700e-003	4.0000e-005	7.7100e-003	2.0400e-003	3.0000e-005	2.0700e-003	0.0000	5.2666	5.2666	1.0000e-004	1.2000e-004	5.3042
Total	**1.6300e-003**	**1.0800e-003**	**0.0174**	**6.0000e-005**	**7.6700e-003**	**4.0000e-005**	**7.7100e-003**	**2.0400e-003**	**3.0000e-005**	**2.0700e-003**	**0.0000**	**5.2666**	**5.2666**	**1.0000e-004**	**1.2000e-004**	**5.3042**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Utilities and Trenching - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.4300e-003	0.0000	1.4300e-003	1.5000e-004	0.0000	1.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0138	0.0829	0.6940	1.1300e-003		1.7600e-003	1.7600e-003		1.7600e-003	1.7600e-003	0.0000	98.9853	98.9853	0.0239	0.0000	99.5838
Total	**0.0138**	**0.0829**	**0.6940**	**1.1300e-003**	**1.4300e-003**	**1.7600e-003**	**3.1900e-003**	**1.5000e-004**	**1.7600e-003**	**1.9100e-003**	**0.0000**	**98.9853**	**98.9853**	**0.0239**	**0.0000**	**99.5838**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6300e-003	1.0800e-003	0.0174	6.0000e-005	7.6700e-003	4.0000e-005	7.7100e-003	2.0400e-003	3.0000e-005	2.0700e-003	0.0000	5.2666	5.2666	1.0000e-004	1.2000e-004	5.3042
Total	**1.6300e-003**	**1.0800e-003**	**0.0174**	**6.0000e-005**	**7.6700e-003**	**4.0000e-005**	**7.7100e-003**	**2.0400e-003**	**3.0000e-005**	**2.0700e-003**	**0.0000**	**5.2666**	**5.2666**	**1.0000e-004**	**1.2000e-004**	**5.3042**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.2049	1.8746	2.0748	3.9400e-003		0.0808	0.0808		0.0759	0.0759	0.0000	340.6298	340.6298	0.0858	0.0000	342.7744
Total	**0.2049**	**1.8746**	**2.0748**	**3.9400e-003**		**0.0808**	**0.0808**		**0.0759**	**0.0759**	**0.0000**	**340.6298**	**340.6298**	**0.0858**	**0.0000**	**342.7744**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.9600e-003	0.2360	0.0841	1.0200e-003	0.0378	1.1600e-003	0.0390	0.0109	1.1100e-003	0.0120	0.0000	99.5887	99.5887	3.7400e-003	0.0144	103.9667
Worker	0.0636	0.0421	0.6792	2.2400e-003	0.2998	1.3900e-003	0.3012	0.0796	1.2800e-003	0.0809	0.0000	205.8476	205.8476	3.9600e-003	4.6000e-003	207.3175
Total	**0.0696**	**0.2781**	**0.7633**	**3.2600e-003**	**0.3376**	**2.5500e-003**	**0.3402**	**0.0906**	**2.3900e-003**	**0.0929**	**0.0000**	**305.4363**	**305.4363**	**7.7000e-003**	**0.0190**	**311.2843**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0516	0.5004	2.2978	3.7700e-003		5.8900e-003	5.8900e-003		5.8900e-003	5.8900e-003	0.0000	329.6308	329.6308	0.0846	0.0000	331.7469
Total	**0.0516**	**0.5004**	**2.2978**	**3.7700e-003**		**5.8900e-003**	**5.8900e-003**		**5.8900e-003**	**5.8900e-003**	**0.0000**	**329.6308**	**329.6308**	**0.0846**	**0.0000**	**331.7469**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.9600e-003	0.2360	0.0841	1.0200e-003	0.0378	1.1600e-003	0.0390	0.0109	1.1100e-003	0.0120	0.0000	99.5887	99.5887	3.7400e-003	0.0144	103.9667
Worker	0.0636	0.0421	0.6792	2.2400e-003	0.2998	1.3900e-003	0.3012	0.0796	1.2800e-003	0.0809	0.0000	205.8476	205.8476	3.9600e-003	4.6000e-003	207.3175
Total	**0.0696**	**0.2781**	**0.7633**	**3.2600e-003**	**0.3376**	**2.5500e-003**	**0.3402**	**0.0906**	**2.3900e-003**	**0.0929**	**0.0000**	**305.4363**	**305.4363**	**7.7000e-003**	**0.0190**	**311.2843**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0948	0.8670	0.9596	1.8200e-003		0.0374	0.0374		0.0351	0.0351	0.0000	157.5413	157.5413	0.0397	0.0000	158.5332
Total	**0.0948**	**0.8670**	**0.9596**	**1.8200e-003**		**0.0374**	**0.0374**		**0.0351**	**0.0351**	**0.0000**	**157.5413**	**157.5413**	**0.0397**	**0.0000**	**158.5332**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7100e-003	0.1084	0.0386	4.6000e-004	0.0175	5.3000e-004	0.0180	5.0500e-003	5.1000e-004	5.5600e-003	0.0000	45.1974	45.1974	1.7400e-003	6.5300e-003	47.1860
Worker	0.0278	0.0180	0.2997	1.0100e-003	0.1387	6.0000e-004	0.1393	0.0368	5.5000e-004	0.0374	0.0000	93.0054	93.0054	1.6900e-003	2.0400e-003	93.6557
Total	**0.0305**	**0.1264**	**0.3383**	**1.4700e-003**	**0.1562**	**1.1300e-003**	**0.1573**	**0.0419**	**1.0600e-003**	**0.0429**	**0.0000**	**138.2028**	**138.2028**	**3.4300e-003**	**8.5700e-003**	**140.8417**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0239	0.2314	1.0627	1.7500e-003		2.7200e-003	2.7200e-003		2.7200e-003	2.7200e-003	0.0000	152.4543	152.4543	0.0392	0.0000	153.4329
Total	**0.0239**	**0.2314**	**1.0627**	**1.7500e-003**		**2.7200e-003**	**2.7200e-003**		**2.7200e-003**	**2.7200e-003**	**0.0000**	**152.4543**	**152.4543**	**0.0392**	**0.0000**	**153.4329**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7100e-003	0.1084	0.0386	4.6000e-004	0.0175	5.3000e-004	0.0180	5.0500e-003	5.1000e-004	5.5600e-003	0.0000	45.1974	45.1974	1.7400e-003	6.5300e-003	47.1860
Worker	0.0278	0.0180	0.2997	1.0100e-003	0.1387	6.0000e-004	0.1393	0.0368	5.5000e-004	0.0374	0.0000	93.0054	93.0054	1.6900e-003	2.0400e-003	93.6557
Total	**0.0305**	**0.1264**	**0.3383**	**1.4700e-003**	**0.1562**	**1.1300e-003**	**0.1573**	**0.0419**	**1.0600e-003**	**0.0429**	**0.0000**	**138.2028**	**138.2028**	**3.4300e-003**	**8.5700e-003**	**140.8417**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 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	7.8300e-003	0.0701	0.1069	1.7000e-004		3.2900e-003	3.2900e-003		3.1000e-003	3.1000e-003	0.0000	14.9241	14.9241	3.4000e-003	0.0000	15.0091
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.8300e-003**	**0.0701**	**0.1069**	**1.7000e-004**		**3.2900e-003**	**3.2900e-003**		**3.1000e-003**	**3.1000e-003**	**0.0000**	**14.9241**	**14.9241**	**3.4000e-003**	**0.0000**	**15.0091**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-004	2.2000e-004	3.4800e-003	1.0000e-005	1.5300e-003	1.0000e-005	1.5400e-003	4.1000e-004	1.0000e-005	4.1000e-004	0.0000	1.0533	1.0533	2.0000e-005	2.0000e-005	1.0608
Total	**3.3000e-004**	**2.2000e-004**	**3.4800e-003**	**1.0000e-005**	**1.5300e-003**	**1.0000e-005**	**1.5400e-003**	**4.1000e-004**	**1.0000e-005**	**4.1000e-004**	**0.0000**	**1.0533**	**1.0533**	**2.0000e-005**	**2.0000e-005**	**1.0608**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.1500e-003	0.0185	0.1170	1.7000e-004		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004	0.0000	14.5662	14.5662	3.3600e-003	0.0000	14.6502
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.1500e-003**	**0.0185**	**0.1170**	**1.7000e-004**		**2.5000e-004**	**2.5000e-004**		**2.5000e-004**	**2.5000e-004**	**0.0000**	**14.5662**	**14.5662**	**3.3600e-003**	**0.0000**	**14.6502**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-004	2.2000e-004	3.4800e-003	1.0000e-005	1.5300e-003	1.0000e-005	1.5400e-003	4.1000e-004	1.0000e-005	4.1000e-004	0.0000	1.0533	1.0533	2.0000e-005	2.0000e-005	1.0608
Total	**3.3000e-004**	**2.2000e-004**	**3.4800e-003**	**1.0000e-005**	**1.5300e-003**	**1.0000e-005**	**1.5400e-003**	**4.1000e-004**	**1.0000e-005**	**4.1000e-004**	**0.0000**	**1.0533**	**1.0533**	**2.0000e-005**	**2.0000e-005**	**1.0608**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - 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					
Archit. Coating	0.3148					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0364	0.2398	0.3109	5.6000e-004		0.0103	0.0103		0.0103	0.0103	0.0000	44.4337	44.4337	2.9600e-003	0.0000	44.5076
Total	**0.3511**	**0.2398**	**0.3109**	**5.6000e-004**		**0.0103**	**0.0103**		**0.0103**	**0.0103**	**0.0000**	**44.4337**	**44.4337**	**2.9600e-003**	**0.0000**	**44.5076**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4800e-003	2.3000e-003	0.0371	1.2000e-004	0.0164	8.0000e-005	0.0165	4.3500e-003	7.0000e-005	4.4200e-003	0.0000	11.2479	11.2479	2.2000e-004	2.5000e-004	11.3282
Total	**3.4800e-003**	**2.3000e-003**	**0.0371**	**1.2000e-004**	**0.0164**	**8.0000e-005**	**0.0165**	**4.3500e-003**	**7.0000e-005**	**4.4200e-003**	**0.0000**	**11.2479**	**11.2479**	**2.2000e-004**	**2.5000e-004**	**11.3282**

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3.8 Architectural Coating - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3148					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.5800e-003	0.0358	0.2538	4.2000e-004		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003	0.0000	35.4973	35.4973	2.0300e-003	0.0000	35.5480
Total	**0.3213**	**0.0358**	**0.2538**	**4.2000e-004**		**1.3100e-003**	**1.3100e-003**		**1.3100e-003**	**1.3100e-003**	**0.0000**	**35.4973**	**35.4973**	**2.0300e-003**	**0.0000**	**35.5480**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4800e-003	2.3000e-003	0.0371	1.2000e-004	0.0164	8.0000e-005	0.0165	4.3500e-003	7.0000e-005	4.4200e-003	0.0000	11.2479	11.2479	2.2000e-004	2.5000e-004	11.3282
Total	**3.4800e-003**	**2.3000e-003**	**0.0371**	**1.2000e-004**	**0.0164**	**8.0000e-005**	**0.0165**	**4.3500e-003**	**7.0000e-005**	**4.4200e-003**	**0.0000**	**11.2479**	**11.2479**	**2.2000e-004**	**2.5000e-004**	**11.3282**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - 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					
Archit. Coating	0.5375					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0621	0.4095	0.5310	9.6000e-004		0.0176	0.0176		0.0176	0.0176	0.0000	75.8791	75.8791	5.0500e-003	0.0000	76.0054
Total	**0.5996**	**0.4095**	**0.5310**	**9.6000e-004**		**0.0176**	**0.0176**		**0.0176**	**0.0176**	**0.0000**	**75.8791**	**75.8791**	**5.0500e-003**	**0.0000**	**76.0054**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6000e-003	3.6300e-003	0.0605	2.0000e-004	0.0280	1.2000e-004	0.0281	7.4300e-003	1.1000e-004	7.5400e-003	0.0000	18.7642	18.7642	3.4000e-004	4.1000e-004	18.8955
Total	**5.6000e-003**	**3.6300e-003**	**0.0605**	**2.0000e-004**	**0.0280**	**1.2000e-004**	**0.0281**	**7.4300e-003**	**1.1000e-004**	**7.5400e-003**	**0.0000**	**18.7642**	**18.7642**	**3.4000e-004**	**4.1000e-004**	**18.8955**

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3.8 Architectural Coating - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5375					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0112	0.0612	0.4335	7.2000e-004		2.2400e-003	2.2400e-003		2.2400e-003	2.2400e-003	0.0000	60.6184	60.6184	3.4700e-003	0.0000	60.7051
Total	**0.5487**	**0.0612**	**0.4335**	**7.2000e-004**		**2.2400e-003**	**2.2400e-003**		**2.2400e-003**	**2.2400e-003**	**0.0000**	**60.6184**	**60.6184**	**3.4700e-003**	**0.0000**	**60.7051**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6000e-003	3.6300e-003	0.0605	2.0000e-004	0.0280	1.2000e-004	0.0281	7.4300e-003	1.1000e-004	7.5400e-003	0.0000	18.7642	18.7642	3.4000e-004	4.1000e-004	18.8955
Total	**5.6000e-003**	**3.6300e-003**	**0.0605**	**2.0000e-004**	**0.0280**	**1.2000e-004**	**0.0281**	**7.4300e-003**	**1.1000e-004**	**7.5400e-003**	**0.0000**	**18.7642**	**18.7642**	**3.4000e-004**	**4.1000e-004**	**18.8955**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.8607	0.8705	8.5526	0.0189	2.3710	0.0120	2.3830	0.6327	0.0111	0.6438	0.0000	1,747.7454	1,747.7454	0.1243	0.0764	1,773.6281
Unmitigated	0.8607	0.8705	8.5526	0.0189	2.3710	0.0120	2.3830	0.6327	0.0111	0.6438	0.0000	1,747.7454	1,747.7454	0.1243	0.0764	1,773.6281

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	893.76	893.76	893.76	2,768,547	2,768,547
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	616.50	616.50	616.50	2,042,095	2,042,095
Strip Mall	452.10	452.10	452.10	1,497,536	1,497,536
Total	1,962.36	1,962.36	1,962.36	6,308,177	6,308,177

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
Apartments Mid Rise	8.51	8.51	8.51	40.20	19.20	40.60	100	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	100	0	0
General Office Building	9.10	9.10	9.10	33.00	48.00	19.00	100	0	0

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	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
Strip Mall	9.10	9.10	9.10	16.60	64.40	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294
Enclosed Parking with Elevator	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294
General Office Building	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294
Strip Mall	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	448.1531	448.1531	0.0378	4.5800e-003	450.4651
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	448.1531	448.1531	0.0378	4.5800e-003	450.4651
NaturalGas Mitigated	9.3000e-004	8.4600e-003	7.1100e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	9.2095	9.2095	1.8000e-004	1.7000e-004	9.2643
NaturalGas Unmitigated	9.3000e-004	8.4600e-003	7.1100e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	9.2095	9.2095	1.8000e-004	1.7000e-004	9.2643

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	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
Enclosed Parking with Elevator	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
General Office Building	154650	8.3000e-004	7.5800e-003	6.3700e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	8.2527	8.2527	1.6000e-004	1.5000e-004	8.3018
Strip Mall	17930	1.0000e-004	8.8000e-004	7.4000e-004	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.9568	0.9568	2.0000e-005	2.0000e-005	0.9625
Total		**9.3000e-004**	**8.4600e-003**	**7.1100e-003**	**6.0000e-005**		**6.5000e-004**	**6.5000e-004**		**6.5000e-004**	**6.5000e-004**	**0.0000**	**9.2095**	**9.2095**	**1.8000e-004**	**1.7000e-004**	**9.2643**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	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
Enclosed Parking with Elevator	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
General Office Building	154650	8.3000e-004	7.5800e-003	6.3700e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	8.2527	8.2527	1.6000e-004	1.5000e-004	8.3018
Strip Mall	17930	1.0000e-004	8.8000e-004	7.4000e-004	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.9568	0.9568	2.0000e-005	2.0000e-005	0.9625
Total		**9.3000e-004**	**8.4600e-003**	**7.1100e-003**	**6.0000e-005**		**6.5000e-004**	**6.5000e-004**		**6.5000e-004**	**6.5000e-004**	**0.0000**	**9.2095**	**9.2095**	**1.8000e-004**	**1.7000e-004**	**9.2643**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.47548e+006	261.6697	0.0221	2.6800e-003	263.0196
Enclosed Parking with Elevator	720256	127.7342	0.0108	1.3100e-003	128.3932
General Office Building	187500	33.2523	2.8100e-003	3.4000e-004	33.4238
Strip Mall	143770	25.4970	2.1500e-003	2.6000e-004	25.6285
Total		**448.1531**	**0.0378**	**4.5900e-003**	**450.4651**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.47548e+006	261.6697	0.0221	2.6800e-003	263.0196
Enclosed Parking with Elevator	720256	127.7342	0.0108	1.3100e-003	128.3932
General Office Building	187500	33.2523	2.8100e-003	3.4000e-004	33.4238
Strip Mall	143770	25.4970	2.1500e-003	2.6000e-004	25.6285
Total		**448.1531**	**0.0378**	**4.5900e-003**	**450.4651**

6.0 Area Detail

6.1 Mitigation Measures Area

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.0822	0.0271	2.3496	1.2000e-004		0.0131	0.0131		0.0131	0.0131	0.0000	3.8496	3.8496	3.6800e-003	0.0000	3.9417
Unmitigated	1.0822	0.0271	2.3496	1.2000e-004		0.0131	0.0131		0.0131	0.0131	0.0000	3.8496	3.8496	3.6800e-003	0.0000	3.9417

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	0.0852					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9264					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0706	0.0271	2.3496	1.2000e-004		0.0131	0.0131		0.0131	0.0131	0.0000	3.8496	3.8496	3.6800e-003	0.0000	3.9417
Total	**1.0822**	**0.0271**	**2.3496**	**1.2000e-004**		**0.0131**	**0.0131**		**0.0131**	**0.0131**	**0.0000**	**3.8496**	**3.8496**	**3.6800e-003**	**0.0000**	**3.9417**

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0852					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9264					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0706	0.0271	2.3496	1.2000e-004		0.0131	0.0131		0.0131	0.0131	0.0000	3.8496	3.8496	3.6800e-003	0.0000	3.9417
Total	**1.0822**	**0.0271**	**2.3496**	**1.2000e-004**		**0.0131**	**0.0131**		**0.0131**	**0.0131**	**0.0000**	**3.8496**	**3.8496**	**3.6800e-003**	**0.0000**	**3.9417**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	70.8145	0.6030	0.0148	90.2908
Unmitigated	70.8145	0.6030	0.0148	90.2908

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	14.8551 / 9.36518	57.4688	0.4885	0.0120	73.2484
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	2.66601 / 1.634	10.2217	0.0877	2.1500e-003	13.0531
Strip Mall	0.814798 / 0.499392	3.1240	0.0268	6.6000e-004	3.9894
Total		**70.8145**	**0.6030**	**0.0148**	**90.2908**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	14.8551 / 9.36518	57.4688	0.4885	0.0120	73.2484
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	2.66601 / 1.634	10.2217	0.0877	2.1500e-003	13.0531
Strip Mall	0.814798 / 0.499392	3.1240	0.0268	6.6000e-004	3.9894
Total		**70.8145**	**0.6030**	**0.0148**	**90.2908**

8.0 Waste Detail

8.1 Mitigation Measures Waste

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	26.4660	1.5641	0.0000	65.5683
Unmitigated	26.4660	1.5641	0.0000	65.5683

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	104.88	21.2897	1.2582	0.0000	52.7443
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	13.95	2.8317	0.1674	0.0000	7.0155
Strip Mall	11.55	2.3446	0.1386	0.0000	5.8085
Total		**26.4660**	**1.5641**	**0.0000**	**65.5683**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	104.88	21.2897	1.2582	0.0000	52.7443
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	13.95	2.8317	0.1674	0.0000	7.0155
Strip Mall	11.55	2.3446	0.1386	0.0000	5.8085
Total		**26.4660**	**1.5641**	**0.0000**	**65.5683**

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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Equipment Type	Number

11.0 Vegetation

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	108.00	Dwelling Unit	3.60	108,000.00	309

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2030
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - See Assumptions

Construction Phase - Based on provide project schedule.

Off-road Equipment - All equipment is either Tier 4 or electeric per Project design.

Off-road Equipment - All equipment is either Tier 4 or electeric per Project design.

Off-road Equipment - See Assumptions - All equipment is either Tier 4 or electric.

Demolition - See Assumptions

Vehicle Trips - See assumptions

Woodstoves - No exiting fireplaces

Energy Use - See Assumptions

Construction Off-road Equipment Mitigation - All equipment is either Tier 4 or Alternative as provided.

Trips and VMT - See Assumptions

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	18.00	263.00
tblConstructionPhase	NumDays	230.00	527.00
tblConstructionPhase	NumDays	20.00	46.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	91.80	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFireplaces	NumberNoFireplace	10.80	108.00
tblFireplaces	NumberWood	5.40	0.00
tblLandUse	LotAcreage	2.84	3.60
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	8.70	8.51
tblVehicleTrips	HS_TL	5.90	8.51
tblVehicleTrips	HW_TL	14.70	8.51
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	4.91	3.92
tblVehicleTrips	SU_TR	4.09	3.92
tblVehicleTrips	WD_TR	5.44	3.92
tblWoodstoves	NumberCatalytic	5.40	0.00
tblWoodstoves	NumberNoncatalytic	5.40	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
2027	0.2790	2.3587	3.1184	6.3400e-003	0.1187	0.0990	0.2177	0.0309	0.0932	0.1241	0.0000	556.4030	556.4030	0.1146	5.4800e-003	560.9014
2028	0.6390	2.9082	3.5825	7.3600e-003	0.1392	0.1226	0.2618	0.0372	0.1173	0.1545	0.0000	629.5940	629.5940	0.1054	5.7200e-003	633.9351
2029	0.1527	0.6328	0.7820	1.5900e-003	0.0290	0.0267	0.0557	7.7500e-003	0.0257	0.0334	0.0000	135.5972	135.5972	0.0217	1.1300e-003	136.4772
Maximum	**0.6390**	**2.9082**	**3.5825**	**7.3600e-003**	**0.1392**	**0.1226**	**0.2618**	**0.0372**	**0.1173**	**0.1545**	**0.0000**	**629.5940**	**629.5940**	**0.1146**	**5.7200e-003**	**633.9351**

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					
2027	0.1009	0.7797	3.4704	6.1900e-003	0.1187	0.0133	0.1320	0.0309	0.0129	0.0438	0.0000	546.5495	546.5495	0.1136	5.4800e-003	551.0224
2028	0.3645	0.6752	3.5664	6.7300e-003	0.1392	8.9300e-003	0.1481	0.0372	8.8700e-003	0.0461	0.0000	589.0818	589.0818	0.1012	5.7200e-003	593.3178
2029	0.0908	0.1383	0.7622	1.4400e-003	0.0290	1.8900e-003	0.0309	7.7500e-003	1.8800e-003	9.6300e-003	0.0000	125.6525	125.6525	0.0207	1.1300e-003	126.5067
Maximum	**0.3645**	**0.7797**	**3.5664**	**6.7300e-003**	**0.1392**	**0.0133**	**0.1481**	**0.0372**	**0.0129**	**0.0461**	**0.0000**	**589.0818**	**589.0818**	**0.1136**	**5.7200e-003**	**593.3178**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	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	**48.04**	**73.00**	**-4.22**	**6.08**	**0.00**	**90.28**	**41.89**	**0.00**	**90.00**	**68.13**	**0.00**	**4.56**	**4.56**	**2.60**	**0.00**	**4.54**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2027**	**3-31-2027**	0.8521	0.3476
2	**4-1-2027**	**6-30-2027**	0.5883	0.1746
3	**7-1-2027**	**9-30-2027**	0.5948	0.1766
4	**10-1-2027**	**12-31-2027**	0.5964	0.1782
5	**1-1-2028**	**3-31-2028**	0.6588	0.1953
6	**4-1-2028**	**6-30-2028**	0.9601	0.2799
7	**7-1-2028**	**9-30-2028**	0.9706	0.2830
8	**10-1-2028**	**12-31-2028**	0.9724	0.2848
9	**1-1-2029**	**3-31-2029**	0.7726	0.2257
		Highest	0.9724	0.3476

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.4573	0.0128	1.1108	6.0000e-005		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003	0.0000	1.8193	1.8193	1.7300e-003	0.0000	1.8627
Energy	4.2000e-003	0.0359	0.0153	2.3000e-004		2.9000e-003	2.9000e-003		2.9000e-003	2.9000e-003	0.0000	109.0936	109.0936	6.5000e-003	1.4500e-003	109.6889
Mobile	0.1843	0.1875	1.8183	4.0000e-003	0.4929	2.6100e-003	0.4955	0.1315	2.4200e-003	0.1340	0.0000	370.0124	370.0124	0.0264	0.0163	375.5226
Waste						0.0000	0.0000		0.0000	0.0000	10.0846	0.0000	10.0846	0.5960	0.0000	24.9842
Water						0.0000	0.0000		0.0000	0.0000	2.2324	24.9897	27.2221	0.2314	5.6700e-003	34.6966
Total	**0.6457**	**0.2362**	**2.9444**	**4.2900e-003**	**0.4929**	**0.0117**	**0.5046**	**0.1315**	**0.0115**	**0.1430**	**12.3170**	**505.9149**	**518.2319**	**0.8620**	**0.0234**	**546.7549**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.4573	0.0128	1.1108	6.0000e-005		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003	0.0000	1.8193	1.8193	1.7300e-003	0.0000	1.8627
Energy	4.2000e-003	0.0359	0.0153	2.3000e-004		2.9000e-003	2.9000e-003		2.9000e-003	2.9000e-003	0.0000	109.0936	109.0936	6.5000e-003	1.4500e-003	109.6889
Mobile	0.1843	0.1875	1.8183	4.0000e-003	0.4929	2.6100e-003	0.4955	0.1315	2.4200e-003	0.1340	0.0000	370.0124	370.0124	0.0264	0.0163	375.5226
Waste						0.0000	0.0000		0.0000	0.0000	10.0846	0.0000	10.0846	0.5960	0.0000	24.9842
Water						0.0000	0.0000		0.0000	0.0000	2.2324	24.9897	27.2221	0.2314	5.6700e-003	34.6966
Total	**0.6457**	**0.2362**	**2.9444**	**4.2900e-003**	**0.4929**	**0.0117**	**0.5046**	**0.1315**	**0.0115**	**0.1430**	**12.3170**	**505.9149**	**518.2319**	**0.8620**	**0.0234**	**546.7549**

	ROG	NOx	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	1/1/2027	3/5/2027	5	46	
2	Building Construction	Building Construction	3/6/2027	3/13/2029	5	527	
3	Architectural Coating	Architectural Coating	3/15/2028	3/16/2029	5	263	

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 218,700; Residential Outdoor: 72,900; 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	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Excavators	4	8.00	158	0.38
Demolition	Generator Sets	2	8.00	84	0.74
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	2	8.00	203	0.36
Demolition	Sweepers/Scrubbers	2	8.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Air Compressors	2	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Rough Terrain Forklifts	2	8.00	100	0.40
Building Construction	Sweepers/Scrubbers	2	8.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Architectural Coating	Air Compressors	3	8.00	78	0.48
Architectural Coating	Cement and Mortar Mixers	6	8.00	9	0.56
Architectural Coating	Pressure Washers	3	8.00	13	0.30

Trips and VMT

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	16	40.00	0.00	66.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	78.00	12.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	12	16.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

3.2 Demolition - 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					
Fugitive Dust					7.1800e-003	0.0000	7.1800e-003	1.0900e-003	0.0000	1.0900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0711	0.6026	0.9962	1.7600e-003		0.0258	0.0258		0.0245	0.0245	0.0000	153.2463	153.2463	0.0352	0.0000	154.1264
Total	**0.0711**	**0.6026**	**0.9962**	**1.7600e-003**	**7.1800e-003**	**0.0258**	**0.0330**	**1.0900e-003**	**0.0245**	**0.0256**	**0.0000**	**153.2463**	**153.2463**	**0.0352**	**0.0000**	**154.1264**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 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	1.2000e-004	0.0102	2.3000e-003	4.0000e-005	1.4200e-003	7.0000e-005	1.4900e-003	3.9000e-004	6.0000e-005	4.5000e-004	0.0000	4.3591	4.3591	2.7000e-004	6.9000e-004	4.5725
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2600e-003	1.5400e-003	0.0240	8.0000e-005	0.0101	5.0000e-005	0.0101	2.6800e-003	5.0000e-005	2.7200e-003	0.0000	7.1011	7.1011	1.4000e-004	1.6000e-004	7.1530
Total	**2.3800e-003**	**0.0117**	**0.0263**	**1.2000e-004**	**0.0115**	**1.2000e-004**	**0.0116**	**3.0700e-003**	**1.1000e-004**	**3.1700e-003**	**0.0000**	**11.4602**	**11.4602**	**4.1000e-004**	**8.5000e-004**	**11.7255**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.1800e-003	0.0000	7.1800e-003	1.0900e-003	0.0000	1.0900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0303	0.2546	1.1485	1.7600e-003		7.2100e-003	7.2100e-003		6.8100e-003	6.8100e-003	0.0000	153.2461	153.2461	0.0352	0.0000	154.1262
Total	**0.0303**	**0.2546**	**1.1485**	**1.7600e-003**	**7.1800e-003**	**7.2100e-003**	**0.0144**	**1.0900e-003**	**6.8100e-003**	**7.9000e-003**	**0.0000**	**153.2461**	**153.2461**	**0.0352**	**0.0000**	**154.1262**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 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	1.2000e-004	0.0102	2.3000e-003	4.0000e-005	1.4200e-003	7.0000e-005	1.4900e-003	3.9000e-004	6.0000e-005	4.5000e-004	0.0000	4.3591	4.3591	2.7000e-004	6.9000e-004	4.5725
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2600e-003	1.5400e-003	0.0240	8.0000e-005	0.0101	5.0000e-005	0.0101	2.6800e-003	5.0000e-005	2.7200e-003	0.0000	7.1011	7.1011	1.4000e-004	1.6000e-004	7.1530
Total	**2.3800e-003**	**0.0117**	**0.0263**	**1.2000e-004**	**0.0115**	**1.2000e-004**	**0.0116**	**3.0700e-003**	**1.1000e-004**	**3.1700e-003**	**0.0000**	**11.4602**	**11.4602**	**4.1000e-004**	**8.5000e-004**	**11.7255**

3.3 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	0.1836	1.6793	1.8587	3.5300e-003		0.0724	0.0724		0.0680	0.0680	0.0000	305.1476	305.1476	0.0769	0.0000	307.0688
Total	**0.1836**	**1.6793**	**1.8587**	**3.5300e-003**		**0.0724**	**0.0724**		**0.0680**	**0.0680**	**0.0000**	**305.1476**	**305.1476**	**0.0769**	**0.0000**	**307.0688**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 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	1.3100e-003	0.0511	0.0182	2.2000e-004	8.1300e-003	2.5000e-004	8.3800e-003	2.3500e-003	2.4000e-004	2.5900e-003	0.0000	21.8287	21.8287	8.0000e-004	3.1500e-003	22.7876
Worker	0.0206	0.0140	0.2189	7.1000e-004	0.0919	4.6000e-004	0.0923	0.0244	4.2000e-004	0.0248	0.0000	64.7202	64.7202	1.3200e-003	1.4800e-003	65.1932
Total	**0.0219**	**0.0651**	**0.2372**	**9.3000e-004**	**0.1000**	**7.1000e-004**	**0.1007**	**0.0268**	**6.6000e-004**	**0.0274**	**0.0000**	**86.5489**	**86.5489**	**2.1200e-003**	**4.6300e-003**	**87.9808**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0463	0.4483	2.0584	3.3800e-003		5.2700e-003	5.2700e-003		5.2700e-003	5.2700e-003	0.0000	295.2943	295.2943	0.0758	0.0000	297.1899
Total	**0.0463**	**0.4483**	**2.0584**	**3.3800e-003**		**5.2700e-003**	**5.2700e-003**		**5.2700e-003**	**5.2700e-003**	**0.0000**	**295.2943**	**295.2943**	**0.0758**	**0.0000**	**297.1899**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 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	1.3100e-003	0.0511	0.0182	2.2000e-004	8.1300e-003	2.5000e-004	8.3800e-003	2.3500e-003	2.4000e-004	2.5900e-003	0.0000	21.8287	21.8287	8.0000e-004	3.1500e-003	22.7876
Worker	0.0206	0.0140	0.2189	7.1000e-004	0.0919	4.6000e-004	0.0923	0.0244	4.2000e-004	0.0248	0.0000	64.7202	64.7202	1.3200e-003	1.4800e-003	65.1932
Total	**0.0219**	**0.0651**	**0.2372**	**9.3000e-004**	**0.1000**	**7.1000e-004**	**0.1007**	**0.0268**	**6.6000e-004**	**0.0274**	**0.0000**	**86.5489**	**86.5489**	**2.1200e-003**	**4.6300e-003**	**87.9808**

3.3 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	0.2220	2.0308	2.2477	4.2700e-003		0.0875	0.0875		0.0823	0.0823	0.0000	369.0157	369.0157	0.0929	0.0000	371.3390
Total	**0.2220**	**2.0308**	**2.2477**	**4.2700e-003**		**0.0875**	**0.0875**		**0.0823**	**0.0823**	**0.0000**	**369.0157**	**369.0157**	**0.0929**	**0.0000**	**371.3390**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 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	1.5500e-003	0.0614	0.0219	2.6000e-004	9.8300e-003	3.0000e-004	0.0101	2.8400e-003	2.9000e-004	3.1300e-003	0.0000	25.8931	25.8931	9.7000e-004	3.7400e-003	27.0314
Worker	0.0236	0.0156	0.2517	8.3000e-004	0.1111	5.1000e-004	0.1116	0.0295	4.7000e-004	0.0300	0.0000	76.2900	76.2900	1.4700e-003	1.7000e-003	76.8348
Total	**0.0251**	**0.0770**	**0.2736**	**1.0900e-003**	**0.1209**	**8.1000e-004**	**0.1218**	**0.0324**	**7.6000e-004**	**0.0331**	**0.0000**	**102.1831**	**102.1831**	**2.4400e-003**	**5.4400e-003**	**103.8661**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0559	0.5421	2.4892	4.0900e-003		6.3800e-003	6.3800e-003		6.3800e-003	6.3800e-003	0.0000	357.1001	357.1001	0.0917	0.0000	359.3924
Total	**0.0559**	**0.5421**	**2.4892**	**4.0900e-003**		**6.3800e-003**	**6.3800e-003**		**6.3800e-003**	**6.3800e-003**	**0.0000**	**357.1001**	**357.1001**	**0.0917**	**0.0000**	**359.3924**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 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	1.5500e-003	0.0614	0.0219	2.6000e-004	9.8300e-003	3.0000e-004	0.0101	2.8400e-003	2.9000e-004	3.1300e-003	0.0000	25.8931	25.8931	9.7000e-004	3.7400e-003	27.0314
Worker	0.0236	0.0156	0.2517	8.3000e-004	0.1111	5.1000e-004	0.1116	0.0295	4.7000e-004	0.0300	0.0000	76.2900	76.2900	1.4700e-003	1.7000e-003	76.8348
Total	**0.0251**	**0.0770**	**0.2736**	**1.0900e-003**	**0.1209**	**8.1000e-004**	**0.1218**	**0.0324**	**7.6000e-004**	**0.0331**	**0.0000**	**102.1831**	**102.1831**	**2.4400e-003**	**5.4400e-003**	**103.8661**

3.3 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	0.0444	0.4062	0.4495	8.5000e-004		0.0175	0.0175		0.0165	0.0165	0.0000	73.8031	73.8031	0.0186	0.0000	74.2678
Total	**0.0444**	**0.4062**	**0.4495**	**8.5000e-004**		**0.0175**	**0.0175**		**0.0165**	**0.0165**	**0.0000**	**73.8031**	**73.8031**	**0.0186**	**0.0000**	**74.2678**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 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	3.0000e-004	0.0122	4.3400e-003	5.0000e-005	1.9700e-003	6.0000e-005	2.0300e-003	5.7000e-004	6.0000e-005	6.2000e-004	0.0000	5.0817	5.0817	2.0000e-004	7.3000e-004	5.3052
Worker	4.4500e-003	2.8800e-003	0.0480	1.6000e-004	0.0222	1.0000e-004	0.0223	5.9000e-003	9.0000e-005	5.9900e-003	0.0000	14.9056	14.9056	2.7000e-004	3.3000e-004	15.0098
Total	**4.7500e-003**	**0.0151**	**0.0524**	**2.1000e-004**	**0.0242**	**1.6000e-004**	**0.0244**	**6.4700e-003**	**1.5000e-004**	**6.6100e-003**	**0.0000**	**19.9872**	**19.9872**	**4.7000e-004**	**1.0600e-003**	**20.3150**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0112	0.1084	0.4978	8.2000e-004		1.2800e-003	1.2800e-003		1.2800e-003	1.2800e-003	0.0000	71.4200	71.4200	0.0183	0.0000	71.8785
Total	**0.0112**	**0.1084**	**0.4978**	**8.2000e-004**		**1.2800e-003**	**1.2800e-003**		**1.2800e-003**	**1.2800e-003**	**0.0000**	**71.4200**	**71.4200**	**0.0183**	**0.0000**	**71.8785**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 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	3.0000e-004	0.0122	4.3400e-003	5.0000e-005	1.9700e-003	6.0000e-005	2.0300e-003	5.7000e-004	6.0000e-005	6.2000e-004	0.0000	5.0817	5.0817	2.0000e-004	7.3000e-004	5.3052
Worker	4.4500e-003	2.8800e-003	0.0480	1.6000e-004	0.0222	1.0000e-004	0.0223	5.9000e-003	9.0000e-005	5.9900e-003	0.0000	14.9056	14.9056	2.7000e-004	3.3000e-004	15.0098
Total	**4.7500e-003**	**0.0151**	**0.0524**	**2.1000e-004**	**0.0242**	**1.6000e-004**	**0.0244**	**6.4700e-003**	**1.5000e-004**	**6.6100e-003**	**0.0000**	**19.9872**	**19.9872**	**4.7000e-004**	**1.0600e-003**	**20.3150**

3.4 Architectural Coating - 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					
Archit. Coating	0.2672					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1208	0.7979	1.0199	1.8500e-003		0.0342	0.0342		0.0342	0.0342	0.0000	145.8759	145.8759	9.8100e-003	0.0000	146.1213
Total	**0.3880**	**0.7979**	**1.0199**	**1.8500e-003**		**0.0342**	**0.0342**		**0.0342**	**0.0342**	**0.0000**	**145.8759**	**145.8759**	**9.8100e-003**	**0.0000**	**146.1213**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8700e-003	2.5600e-003	0.0413	1.4000e-004	0.0182	8.0000e-005	0.0183	4.8400e-003	8.0000e-005	4.9200e-003	0.0000	12.5194	12.5194	2.4000e-004	2.8000e-004	12.6088
Total	**3.8700e-003**	**2.5600e-003**	**0.0413**	**1.4000e-004**	**0.0182**	**8.0000e-005**	**0.0183**	**4.8400e-003**	**8.0000e-005**	**4.9200e-003**	**0.0000**	**12.5194**	**12.5194**	**2.4000e-004**	**2.8000e-004**	**12.6088**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2672					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0124	0.0536	0.7623	1.4100e-003		1.6500e-003	1.6500e-003		1.6500e-003	1.6500e-003	0.0000	117.2793	117.2793	6.8500e-003	0.0000	117.4505
Total	**0.2796**	**0.0536**	**0.7623**	**1.4100e-003**		**1.6500e-003**	**1.6500e-003**		**1.6500e-003**	**1.6500e-003**	**0.0000**	**117.2793**	**117.2793**	**6.8500e-003**	**0.0000**	**117.4505**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8700e-003	2.5600e-003	0.0413	1.4000e-004	0.0182	8.0000e-005	0.0183	4.8400e-003	8.0000e-005	4.9200e-003	0.0000	12.5194	12.5194	2.4000e-004	2.8000e-004	12.6088
Total	**3.8700e-003**	**2.5600e-003**	**0.0413**	**1.4000e-004**	**0.0182**	**8.0000e-005**	**0.0183**	**4.8400e-003**	**8.0000e-005**	**4.9200e-003**	**0.0000**	**12.5194**	**12.5194**	**2.4000e-004**	**2.8000e-004**	**12.6088**

3.4 Architectural Coating - 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					
Archit. Coating	0.0707					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0319	0.2110	0.2697	4.9000e-004		9.0400e-003	9.0400e-003		9.0400e-003	9.0400e-003	0.0000	38.5730	38.5730	2.6000e-003	0.0000	38.6378
Total	**0.1026**	**0.2110**	**0.2697**	**4.9000e-004**		**9.0400e-003**	**9.0400e-003**		**9.0400e-003**	**9.0400e-003**	**0.0000**	**38.5730**	**38.5730**	**2.6000e-003**	**0.0000**	**38.6378**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.7000e-004	6.3000e-004	0.0104	4.0000e-005	4.8200e-003	2.0000e-005	4.8400e-003	1.2800e-003	2.0000e-005	1.3000e-003	0.0000	3.2340	3.2340	6.0000e-005	7.0000e-005	3.2566
Total	**9.7000e-004**	**6.3000e-004**	**0.0104**	**4.0000e-005**	**4.8200e-003**	**2.0000e-005**	**4.8400e-003**	**1.2800e-003**	**2.0000e-005**	**1.3000e-003**	**0.0000**	**3.2340**	**3.2340**	**6.0000e-005**	**7.0000e-005**	**3.2566**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0707					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2700e-003	0.0142	0.2016	3.7000e-004		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	31.0114	31.0114	1.8100e-003	0.0000	31.0566
Total	**0.0739**	**0.0142**	**0.2016**	**3.7000e-004**		**4.4000e-004**	**4.4000e-004**		**4.4000e-004**	**4.4000e-004**	**0.0000**	**31.0114**	**31.0114**	**1.8100e-003**	**0.0000**	**31.0566**

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3.4 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.7000e-004	6.3000e-004	0.0104	4.0000e-005	4.8200e-003	2.0000e-005	4.8400e-003	1.2800e-003	2.0000e-005	1.3000e-003	0.0000	3.2340	3.2340	6.0000e-005	7.0000e-005	3.2566
Total	**9.7000e-004**	**6.3000e-004**	**0.0104**	**4.0000e-005**	**4.8200e-003**	**2.0000e-005**	**4.8400e-003**	**1.2800e-003**	**2.0000e-005**	**1.3000e-003**	**0.0000**	**3.2340**	**3.2340**	**6.0000e-005**	**7.0000e-005**	**3.2566**

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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	0.1843	0.1875	1.8183	4.0000e-003	0.4929	2.6100e-003	0.4955	0.1315	2.4200e-003	0.1340	0.0000	370.0124	370.0124	0.0264	0.0163	375.5226
Unmitigated	0.1843	0.1875	1.8183	4.0000e-003	0.4929	2.6100e-003	0.4955	0.1315	2.4200e-003	0.1340	0.0000	370.0124	370.0124	0.0264	0.0163	375.5226

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	423.36	423.36	423.36	1,311,417	1,311,417
Total	423.36	423.36	423.36	1,311,417	1,311,417

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
Apartments Mid Rise	8.51	8.51	8.51	40.20	19.20	40.60	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.529534	0.067658	0.193471	0.126518	0.024260	0.006985	0.011675	0.007885	0.000939	0.000569	0.026493	0.000724	0.003288

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5.0 Energy Detail

Historical Energy Use: Y

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	67.5517	67.5517	5.7000e-003	6.9000e-004	67.9001
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	67.5517	67.5517	5.7000e-003	6.9000e-004	67.9001
NaturalGas Mitigated	4.2000e-003	0.0359	0.0153	2.3000e-004		2.9000e-003	2.9000e-003		2.9000e-003	2.9000e-003	0.0000	41.5419	41.5419	8.0000e-004	7.6000e-004	41.7888
NaturalGas Unmitigated	4.2000e-003	0.0359	0.0153	2.3000e-004		2.9000e-003	2.9000e-003		2.9000e-003	2.9000e-003	0.0000	41.5419	41.5419	8.0000e-004	7.6000e-004	41.7888

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	778466	4.2000e-003	0.0359	0.0153	2.3000e-004		2.9000e-003	2.9000e-003		2.9000e-003	2.9000e-003	0.0000	41.5419	41.5419	8.0000e-004	7.6000e-004	41.7888
Total		**4.2000e-003**	**0.0359**	**0.0153**	**2.3000e-004**		**2.9000e-003**	**2.9000e-003**		**2.9000e-003**	**2.9000e-003**	**0.0000**	**41.5419**	**41.5419**	**8.0000e-004**	**7.6000e-004**	**41.7888**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	778466	4.2000e-003	0.0359	0.0153	2.3000e-004		2.9000e-003	2.9000e-003		2.9000e-003	2.9000e-003	0.0000	41.5419	41.5419	8.0000e-004	7.6000e-004	41.7888
Total		**4.2000e-003**	**0.0359**	**0.0153**	**2.3000e-004**		**2.9000e-003**	**2.9000e-003**		**2.9000e-003**	**2.9000e-003**	**0.0000**	**41.5419**	**41.5419**	**8.0000e-004**	**7.6000e-004**	**41.7888**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	380904	67.5517	5.7000e-003	6.9000e-004	67.9001
Total		**67.5517**	**5.7000e-003**	**6.9000e-004**	**67.9001**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	380904	67.5517	5.7000e-003	6.9000e-004	67.9001
Total		**67.5517**	**5.7000e-003**	**6.9000e-004**	**67.9001**

6.0 Area Detail

6.1 Mitigation Measures Area

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4573	0.0128	1.1108	6.0000e-005		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003	0.0000	1.8193	1.8193	1.7300e-003	0.0000	1.8627
Unmitigated	0.4573	0.0128	1.1108	6.0000e-005		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003	0.0000	1.8193	1.8193	1.7300e-003	0.0000	1.8627

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	0.0338					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3903					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0332	0.0128	1.1108	6.0000e-005		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003	0.0000	1.8193	1.8193	1.7300e-003	0.0000	1.8627
Total	**0.4573**	**0.0128**	**1.1108**	**6.0000e-005**		**6.1800e-003**	**6.1800e-003**		**6.1800e-003**	**6.1800e-003**	**0.0000**	**1.8193**	**1.8193**	**1.7300e-003**	**0.0000**	**1.8627**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.0338					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3903					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0332	0.0128	1.1108	6.0000e-005		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003	0.0000	1.8193	1.8193	1.7300e-003	0.0000	1.8627
Total	**0.4573**	**0.0128**	**1.1108**	**6.0000e-005**		**6.1800e-003**	**6.1800e-003**		**6.1800e-003**	**6.1800e-003**	**0.0000**	**1.8193**	**1.8193**	**1.7300e-003**	**0.0000**	**1.8627**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	27.2221	0.2314	5.6700e-003	34.6966
Unmitigated	27.2221	0.2314	5.6700e-003	34.6966

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	7.03663 / 4.43614	27.2221	0.2314	5.6700e-003	34.6966
Total		**27.2221**	**0.2314**	**5.6700e-003**	**34.6966**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	7.03663 / 4.43614	27.2221	0.2314	5.6700e-003	34.6966
Total		**27.2221**	**0.2314**	**5.6700e-003**	**34.6966**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	10.0846	0.5960	0.0000	24.9842
Unmitigated	10.0846	0.5960	0.0000	24.9842

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	49.68	10.0846	0.5960	0.0000	24.9842
Total		**10.0846**	**0.5960**	**0.0000**	**24.9842**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	49.68	10.0846	0.5960	0.0000	24.9842
Total		**10.0846**	**0.5960**	**0.0000**	**24.9842**

9.0 Operational Offroad

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

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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

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	23.00	1000sqft	0.53	23,000.00	0
Enclosed Parking with Elevator	499.00	Space	1.00	199,600.00	0
Apartments Mid Rise	343.00	Dwelling Unit	1.68	343,000.00	981
Strip Mall	17.00	1000sqft	0.39	17,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2031
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - See Assumptions

Construction Phase - Schedule Provided

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

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Off-road Equipment - See Assumptions

Trips and VMT - See assumptiosn

Demolition -

Grading - See Assumptions

Vehicle Trips - See Assumptions

Woodstoves - No hearths

Energy Use - all electric apartments

Construction Off-road Equipment Mitigation - All equipment is either Tier 4 or Electric based on project design. CalEEMod Mitigated Scenario = Actual Project scenario

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	14.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	18.00	134.00
tblConstructionPhase	NumDays	230.00	269.00
tblConstructionPhase	NumDays	20.00	23.00
tblConstructionPhase	NumDays	8.00	23.00
tblConstructionPhase	NumDays	8.00	23.00
tblConstructionPhase	NumDays	18.00	8.00
tblConstructionPhase	NumDays	5.00	12.00
tblEnergyUse	NT24E	3,054.10	4,469.93
tblEnergyUse	NT24NG	4,831.00	0.00
tblEnergyUse	T24E	35.05	1,260.03

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tblEnergyUse	T24NG	4,179.80	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	291.55	0.00
tblFireplaces	NumberNoFireplace	34.30	343.00
tblFireplaces	NumberWood	17.15	0.00
tblGrading	AcresOfGrading	23.00	8.00
tblGrading	AcresOfGrading	0.00	8.00
tblGrading	AcresOfGrading	0.00	7.50
tblGrading	MaterialExported	0.00	68,486.00
tblLandUse	LotAcreage	4.49	1.00
tblLandUse	LotAcreage	9.03	1.68
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripLength	20.00	46.40
tblTripsAndVMT	HaulingTripLength	20.00	46.40
tblTripsAndVMT	HaulingTripNumber	8,561.00	4,280.00
tblVehicleTrips	CC_TL	8.40	12.00
tblVehicleTrips	CC_TL	8.40	12.00
tblVehicleTrips	CNW_TL	6.90	12.00
tblVehicleTrips	CNW_TL	6.90	12.00
tblVehicleTrips	CW_TL	16.60	12.00
tblVehicleTrips	CW_TL	16.60	12.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	8.70	8.52
tblVehicleTrips	HS_TL	5.90	8.52
tblVehicleTrips	HW_TL	14.70	8.52
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	ST_TR	4.91	3.92
tblVehicleTrips	ST_TR	2.21	30.70
tblVehicleTrips	ST_TR	42.04	30.70
tblVehicleTrips	SU_TR	4.09	3.92
tblVehicleTrips	SU_TR	0.70	30.70
tblVehicleTrips	SU_TR	20.43	30.70
tblVehicleTrips	WD_TR	5.44	3.92
tblVehicleTrips	WD_TR	9.74	30.70
tblVehicleTrips	WD_TR	44.32	30.70
tblWoodstoves	NumberCatalytic	17.15	0.00
tblWoodstoves	NumberNoncatalytic	17.15	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
2029	0.8501	3.9473	4.9736	0.0138	0.5641	0.1351	0.6992	0.1455	0.1281	0.2736	0.0000	1,253.7258	1,253.7258	0.1665	0.0646	1,277.1522
2030	1.0342	0.8415	1.6759	4.5100e-003	0.2235	0.0200	0.2435	0.0598	0.0199	0.0798	0.0000	395.4186	395.4186	0.0140	0.0107	398.9504
Maximum	**1.0342**	**3.9473**	**4.9736**	**0.0138**	**0.5641**	**0.1351**	**0.6992**	**0.1455**	**0.1281**	**0.2736**	**0.0000**	**1,253.7258**	**1,253.7258**	**0.1665**	**0.0646**	**1,277.1522**

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					
2029	0.6517	2.0956	5.1933	0.0133	0.5371	0.0399	0.5769	0.1417	0.0393	0.1810	0.0000	1,215.4907	1,215.4907	0.1635	0.0646	1,238.8404
2030	0.9699	0.5833	1.6407	4.2500e-003	0.2235	9.2800e-003	0.2327	0.0598	9.1800e-003	0.0690	0.0000	378.8288	378.8288	0.0123	0.0107	382.3175
Maximum	**0.9699**	**2.0956**	**5.1933**	**0.0133**	**0.5371**	**0.0399**	**0.5769**	**0.1417**	**0.0393**	**0.1810**	**0.0000**	**1,215.4907**	**1,215.4907**	**0.1635**	**0.0646**	**1,238.8404**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	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	**13.94**	**44.06**	**-2.78**	**4.26**	**3.43**	**68.33**	**14.11**	**1.85**	**67.28**	**29.25**	**0.00**	**3.32**	**3.32**	**2.66**	**0.00**	**3.28**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2029**	**3-31-2029**	1.7901	1.0193
2	**4-1-2029**	**6-30-2029**	0.9851	0.4138
3	**7-1-2029**	**9-30-2029**	0.7039	0.3871
4	**10-1-2029**	**12-31-2029**	1.3284	0.9339
5	**1-1-2030**	**3-31-2030**	1.3375	1.1071
6	**4-1-2030**	**6-30-2030**	0.5258	0.4362
		Highest	1.7901	1.1071

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	1.6317	0.0407	3.5347	1.9000e-004		0.0196	0.0196		0.0196	0.0196	0.0000	5.7914	5.7914	5.5400e-003	0.0000	5.9299
Energy	1.4300e-003	0.0130	0.0109	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004	0.0000	690.7423	690.7423	0.0574	7.1800e-003	694.3168
Mobile	1.2341	1.2802	12.6246	0.0284	3.5834	0.0179	3.6013	0.9563	0.0166	0.9729	0.0000	2,633.7253	2,633.7253	0.1828	0.1126	2,671.8503
Waste						0.0000	0.0000		0.0000	0.0000	39.9933	0.0000	39.9933	2.3635	0.0000	99.0817
Water						0.0000	0.0000		0.0000	0.0000	8.7863	98.1702	106.9565	0.9107	0.0223	136.3739
Total	**2.8672**	**1.3339**	**16.1702**	**0.0287**	**3.5834**	**0.0385**	**3.6219**	**0.9563**	**0.0372**	**0.9935**	**48.7796**	**3,428.4292**	**3,477.2088**	**3.5200**	**0.1421**	**3,607.5526**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	1.6317	0.0407	3.5347	1.9000e-004		0.0196	0.0196		0.0196	0.0196	0.0000	5.7914	5.7914	5.5400e-003	0.0000	5.9299
Energy	1.4300e-003	0.0130	0.0109	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004	0.0000	690.7423	690.7423	0.0574	7.1800e-003	694.3168
Mobile	1.2341	1.2802	12.6246	0.0284	3.5834	0.0179	3.6013	0.9563	0.0166	0.9729	0.0000	2,633.7253	2,633.7253	0.1828	0.1126	2,671.8503
Waste						0.0000	0.0000		0.0000	0.0000	39.9933	0.0000	39.9933	2.3635	0.0000	99.0817
Water						0.0000	0.0000		0.0000	0.0000	8.7863	98.1702	106.9565	0.9107	0.0223	136.3739
Total	**2.8672**	**1.3339**	**16.1702**	**0.0287**	**3.5834**	**0.0385**	**3.6219**	**0.9563**	**0.0372**	**0.9935**	**48.7796**	**3,428.4292**	**3,477.2088**	**3.5200**	**0.1421**	**3,607.5526**

	ROG	NOx	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	1/1/2029	1/31/2029	5	23	
2	Site Preparation	Site Preparation	2/1/2029	2/16/2029	5	12	
3	Grading	Grading	2/17/2029	3/21/2029	5	23	

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4	Utilities and Trenching	Grading	3/22/2029	4/23/2029	5	23	
5	Building Construction	Building Construction	4/24/2029	5/3/2030	5	269	
6	Paving	Paving	4/24/2029	5/3/2029	5	8	
7	Architectural Coating	Architectural Coating	11/1/2029	5/7/2030	5	134	

Acres of Grading (Site Preparation Phase): 7.5

Acres of Grading (Grading Phase): 8

Acres of Paving: 1

Residential Indoor: 694,575; Residential Outdoor: 231,525; Non-Residential Indoor: 60,000; Non-Residential Outdoor: 20,000; Striped Parking Area: 11,976 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Excavators	4	8.00	158	0.38
Demolition	Generator Sets	2	8.00	84	0.74
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	2	8.00	203	0.36
Demolition	Sweepers/Scrubbers	2	8.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site Preparation	Trenchers	2	8.00	78	0.50
Grading	Air Compressors	4	8.00	78	0.48
Grading	Excavators	4	8.00	158	0.38
Grading	Generator Sets	2	8.00	84	0.74
Grading	Graders	0	8.00	187	0.41
Grading	Plate Compactors	2	8.00	8	0.43
Grading	Pumps	2	8.00	84	0.74

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Grading	Rough Terrain Forklifts	2	8.00	100	0.40
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	1	8.00	367	0.48
Grading	Sweepers/Scrubbers	1	8.00	64	0.46
Grading	Tractors/Loaders/Backhoes	6	8.00	97	0.37
Grading	Welders	4	8.00	46	0.45
Utilities and Trenching	Air Compressors	2	8.00	78	0.48
Utilities and Trenching	Concrete/Industrial Saws	3	8.00	81	0.73
Utilities and Trenching	Excavators	2	8.00	158	0.38
Utilities and Trenching	Generator Sets	2	8.00	84	0.74
Utilities and Trenching	Graders	0	8.00	187	0.41
Utilities and Trenching	Paving Equipment	2	8.00	132	0.36
Utilities and Trenching	Rollers	2	8.00	80	0.38
Utilities and Trenching	Rubber Tired Dozers	0	8.00	247	0.40
Utilities and Trenching	Rubber Tired Loaders	4	8.00	203	0.36
Utilities and Trenching	Signal Boards	4	8.00	6	0.82
Utilities and Trenching	Surfacing Equipment	2	8.00	263	0.30
Utilities and Trenching	Sweepers/Scrubbers	2	8.00	64	0.46
Utilities and Trenching	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Air Compressors	2	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Rough Terrain Forklifts	2	8.00	100	0.40
Building Construction	Sweepers/Scrubbers	2	8.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Cement and Mortar Mixers	0	6.00	9	0.56

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Paving	Generator Sets	2	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Plate Compactors	2	8.00	8	0.43
Paving	Rollers	2	6.00	80	0.38
Paving	Signal Boards	2	8.00	6	0.82
Paving	Sweepers/Scrubbers	2	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Architectural Coating	Air Compressors	3	8.00	78	0.48
Architectural Coating	Cement and Mortar Mixers	6	8.00	9	0.56
Architectural Coating	Pressure Washers	3	8.00	13	0.30

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	16	40.00	0.00	303.00	14.70	6.90	46.40	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	28	70.00	0.00	4,280.00	14.70	6.90	46.40	LD_Mix	HDT_Mix	HHDT
Utilities and Trenching	29	73.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	344.00	76.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	14	35.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	12	69.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 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					
Fugitive Dust					0.0328	0.0000	0.0328	4.9600e-003	0.0000	4.9600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0356	0.3013	0.4981	8.8000e-004		0.0129	0.0129		0.0122	0.0122	0.0000	76.6232	76.6232	0.0176	0.0000	77.0632
Total	**0.0356**	**0.3013**	**0.4981**	**8.8000e-004**	**0.0328**	**0.0129**	**0.0457**	**4.9600e-003**	**0.0122**	**0.0172**	**0.0000**	**76.6232**	**76.6232**	**0.0176**	**0.0000**	**77.0632**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	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-004	0.0426	0.0102	1.8000e-004	6.0400e-003	2.8000e-004	6.3300e-003	1.6600e-003	2.7000e-004	1.9300e-003	0.0000	17.8400	17.8400	1.1800e-003	2.8400e-003	18.7157
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	6.5000e-004	0.0109	4.0000e-005	5.0400e-003	2.0000e-005	5.0600e-003	1.3400e-003	2.0000e-005	1.3600e-003	0.0000	3.3809	3.3809	6.0000e-005	7.0000e-005	3.4046
Total	**1.5100e-003**	**0.0432**	**0.0211**	**2.2000e-004**	**0.0111**	**3.0000e-004**	**0.0114**	**3.0000e-003**	**2.9000e-004**	**3.2900e-003**	**0.0000**	**21.2209**	**21.2209**	**1.2400e-003**	**2.9100e-003**	**22.1203**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0148	0.0000	0.0148	2.2300e-003	0.0000	2.2300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0108	0.0735	0.5794	8.8000e-004		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003	0.0000	76.6231	76.6231	0.0176	0.0000	77.0631
Total	**0.0108**	**0.0735**	**0.5794**	**8.8000e-004**	**0.0148**	**1.3500e-003**	**0.0161**	**2.2300e-003**	**1.3500e-003**	**3.5800e-003**	**0.0000**	**76.6231**	**76.6231**	**0.0176**	**0.0000**	**77.0631**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	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-004	0.0426	0.0102	1.8000e-004	6.0400e-003	2.8000e-004	6.3300e-003	1.6600e-003	2.7000e-004	1.9300e-003	0.0000	17.8400	17.8400	1.1800e-003	2.8400e-003	18.7157
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	6.5000e-004	0.0109	4.0000e-005	5.0400e-003	2.0000e-005	5.0600e-003	1.3400e-003	2.0000e-005	1.3600e-003	0.0000	3.3809	3.3809	6.0000e-005	7.0000e-005	3.4046
Total	**1.5100e-003**	**0.0432**	**0.0211**	**2.2000e-004**	**0.0111**	**3.0000e-004**	**0.0114**	**3.0000e-003**	**2.9000e-004**	**3.2900e-003**	**0.0000**	**21.2209**	**21.2209**	**1.2400e-003**	**2.9100e-003**	**22.1203**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 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					
Fugitive Dust					3.9800e-003	0.0000	3.9800e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7700e-003	0.0353	0.0308	4.0000e-005		2.3500e-003	2.3500e-003		2.1600e-003	2.1600e-003	0.0000	3.5636	3.5636	1.1500e-003	0.0000	3.5924
Total	**3.7700e-003**	**0.0353**	**0.0308**	**4.0000e-005**	**3.9800e-003**	**2.3500e-003**	**6.3300e-003**	**4.3000e-004**	**2.1600e-003**	**2.5900e-003**	**0.0000**	**3.5636**	**3.5636**	**1.1500e-003**	**0.0000**	**3.5924**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.0000e-005	7.1000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2205	0.2205	0.0000	0.0000	0.2220
Total	**7.0000e-005**	**4.0000e-005**	**7.1000e-004**	**0.0000**	**3.3000e-004**	**0.0000**	**3.3000e-004**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**0.0000**	**0.2205**	**0.2205**	**0.0000**	**0.0000**	**0.2220**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9000e-004	0.0000	1.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.0000e-004	2.1500e-003	0.0305	4.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	3.5636	3.5636	1.1500e-003	0.0000	3.5924
Total	**5.0000e-004**	**2.1500e-003**	**0.0305**	**4.0000e-005**	**1.7900e-003**	**7.0000e-005**	**1.8600e-003**	**1.9000e-004**	**7.0000e-005**	**2.6000e-004**	**0.0000**	**3.5636**	**3.5636**	**1.1500e-003**	**0.0000**	**3.5924**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.0000e-005	7.1000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2205	0.2205	0.0000	0.0000	0.2220
Total	**7.0000e-005**	**4.0000e-005**	**7.1000e-004**	**0.0000**	**3.3000e-004**	**0.0000**	**3.3000e-004**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**0.0000**	**0.2205**	**0.2205**	**0.0000**	**0.0000**	**0.2220**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 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					
Fugitive Dust					8.1100e-003	0.0000	8.1100e-003	1.0400e-003	0.0000	1.0400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0628	0.5166	0.8015	1.3500e-003		0.0209	0.0209		0.0200	0.0200	0.0000	115.6718	115.6718	0.0237	0.0000	116.2634
Total	**0.0628**	**0.5166**	**0.8015**	**1.3500e-003**	**8.1100e-003**	**0.0209**	**0.0290**	**1.0400e-003**	**0.0200**	**0.0211**	**0.0000**	**115.6718**	**115.6718**	**0.0237**	**0.0000**	**116.2634**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.0800e-003	0.6010	0.1438	2.5100e-003	0.0854	3.9800e-003	0.0894	0.0235	3.8100e-003	0.0273	0.0000	251.9974	251.9974	0.0166	0.0401	264.3667
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7700e-003	1.1400e-003	0.0191	6.0000e-005	8.8200e-003	4.0000e-005	8.8600e-003	2.3400e-003	4.0000e-005	2.3800e-003	0.0000	5.9167	5.9167	1.1000e-004	1.3000e-004	5.9580
Total	**8.8500e-003**	**0.6022**	**0.1629**	**2.5700e-003**	**0.0942**	**4.0200e-003**	**0.0982**	**0.0258**	**3.8500e-003**	**0.0296**	**0.0000**	**257.9140**	**257.9140**	**0.0167**	**0.0402**	**270.3248**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.6500e-003	0.0000	3.6500e-003	4.7000e-004	0.0000	4.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0270	0.1947	0.6901	1.0800e-003		7.1600e-003	7.1600e-003		6.9300e-003	6.9300e-003	0.0000	94.0138	94.0138	0.0223	0.0000	94.5716
Total	**0.0270**	**0.1947**	**0.6901**	**1.0800e-003**	**3.6500e-003**	**7.1600e-003**	**0.0108**	**4.7000e-004**	**6.9300e-003**	**7.4000e-003**	**0.0000**	**94.0138**	**94.0138**	**0.0223**	**0.0000**	**94.5716**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.0800e-003	0.6010	0.1438	2.5100e-003	0.0854	3.9800e-003	0.0894	0.0235	3.8100e-003	0.0273	0.0000	251.9974	251.9974	0.0166	0.0401	264.3667
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7700e-003	1.1400e-003	0.0191	6.0000e-005	8.8200e-003	4.0000e-005	8.8600e-003	2.3400e-003	4.0000e-005	2.3800e-003	0.0000	5.9167	5.9167	1.1000e-004	1.3000e-004	5.9580
Total	**8.8500e-003**	**0.6022**	**0.1629**	**2.5700e-003**	**0.0942**	**4.0200e-003**	**0.0982**	**0.0258**	**3.8500e-003**	**0.0296**	**0.0000**	**257.9140**	**257.9140**	**0.0167**	**0.0402**	**270.3248**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Utilities and Trenching - 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					
Fugitive Dust					4.2400e-003	0.0000	4.2400e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0589	0.4985	0.7067	1.4100e-003		0.0210	0.0210		0.0199	0.0199	0.0000	122.0742	122.0742	0.0280	0.0000	122.7746
Total	**0.0589**	**0.4985**	**0.7067**	**1.4100e-003**	**4.2400e-003**	**0.0210**	**0.0252**	**4.6000e-004**	**0.0199**	**0.0204**	**0.0000**	**122.0742**	**122.0742**	**0.0280**	**0.0000**	**122.7746**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8400e-003	1.1900e-003	0.0199	7.0000e-005	9.2000e-003	4.0000e-005	9.2400e-003	2.4400e-003	4.0000e-005	2.4800e-003	0.0000	6.1702	6.1702	1.1000e-004	1.4000e-004	6.2134
Total	**1.8400e-003**	**1.1900e-003**	**0.0199**	**7.0000e-005**	**9.2000e-003**	**4.0000e-005**	**9.2400e-003**	**2.4400e-003**	**4.0000e-005**	**2.4800e-003**	**0.0000**	**6.1702**	**6.1702**	**1.1000e-004**	**1.4000e-004**	**6.2134**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Utilities and Trenching - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.9100e-003	0.0000	1.9100e-003	2.1000e-004	0.0000	2.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0209	0.1296	0.8417	1.3800e-003		3.5800e-003	3.5800e-003		3.5800e-003	3.5800e-003	0.0000	120.0162	120.0162	0.0278	0.0000	120.7113
Total	**0.0209**	**0.1296**	**0.8417**	**1.3800e-003**	**1.9100e-003**	**3.5800e-003**	**5.4900e-003**	**2.1000e-004**	**3.5800e-003**	**3.7900e-003**	**0.0000**	**120.0162**	**120.0162**	**0.0278**	**0.0000**	**120.7113**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8400e-003	1.1900e-003	0.0199	7.0000e-005	9.2000e-003	4.0000e-005	9.2400e-003	2.4400e-003	4.0000e-005	2.4800e-003	0.0000	6.1702	6.1702	1.1000e-004	1.4000e-004	6.2134
Total	**1.8400e-003**	**1.1900e-003**	**0.0199**	**7.0000e-005**	**9.2000e-003**	**4.0000e-005**	**9.2400e-003**	**2.4400e-003**	**4.0000e-005**	**2.4800e-003**	**0.0000**	**6.1702**	**6.1702**	**1.1000e-004**	**1.4000e-004**	**6.2134**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.1537	1.4059	1.5561	2.9600e-003		0.0606	0.0606		0.0569	0.0569	0.0000	255.4724	255.4724	0.0643	0.0000	257.0808
Total	**0.1537**	**1.4059**	**1.5561**	**2.9600e-003**		**0.0606**	**0.0606**		**0.0569**	**0.0569**	**0.0000**	**255.4724**	**255.4724**	**0.0643**	**0.0000**	**257.0808**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.6700e-003	0.2671	0.0952	1.1400e-003	0.0431	1.3100e-003	0.0444	0.0124	1.2500e-003	0.0137	0.0000	111.4055	111.4055	4.3000e-003	0.0161	116.3072
Worker	0.0679	0.0440	0.7332	2.4800e-003	0.3393	1.4700e-003	0.3407	0.0901	1.3500e-003	0.0915	0.0000	227.5522	227.5522	4.1300e-003	4.9900e-003	229.1434
Total	**0.0746**	**0.3111**	**0.8284**	**3.6200e-003**	**0.3824**	**2.7800e-003**	**0.3852**	**0.1026**	**2.6000e-003**	**0.1052**	**0.0000**	**338.9577**	**338.9577**	**8.4300e-003**	**0.0211**	**345.4505**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0726	0.6193	1.7177	2.8300e-003		0.0158	0.0158		0.0158	0.0158	0.0000	247.2231	247.2231	0.0635	0.0000	248.8101
Total	**0.0726**	**0.6193**	**1.7177**	**2.8300e-003**		**0.0158**	**0.0158**		**0.0158**	**0.0158**	**0.0000**	**247.2231**	**247.2231**	**0.0635**	**0.0000**	**248.8101**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.6700e-003	0.2671	0.0952	1.1400e-003	0.0431	1.3100e-003	0.0444	0.0124	1.2500e-003	0.0137	0.0000	111.4055	111.4055	4.3000e-003	0.0161	116.3072
Worker	0.0679	0.0440	0.7332	2.4800e-003	0.3393	1.4700e-003	0.3407	0.0901	1.3500e-003	0.0915	0.0000	227.5522	227.5522	4.1300e-003	4.9900e-003	229.1434
Total	**0.0746**	**0.3111**	**0.8284**	**3.6200e-003**	**0.3824**	**2.7800e-003**	**0.3852**	**0.1026**	**2.6000e-003**	**0.1052**	**0.0000**	**338.9577**	**338.9577**	**8.4300e-003**	**0.0211**	**345.4505**

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3.6 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	0.0739	0.3905	0.7664	1.7000e-003		9.4000e-003	9.4000e-003		9.4000e-003	9.4000e-003	0.0000	144.7843	144.7843	5.9500e-003	0.0000	144.9330
Total	**0.0739**	**0.3905**	**0.7664**	**1.7000e-003**		**9.4000e-003**	**9.4000e-003**		**9.4000e-003**	**9.4000e-003**	**0.0000**	**144.7843**	**144.7843**	**5.9500e-003**	**0.0000**	**144.9330**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.2500e-003	0.1312	0.0468	5.5000e-004	0.0213	6.4000e-004	0.0220	6.1500e-003	6.1000e-004	6.7700e-003	0.0000	54.0812	54.0812	2.1400e-003	7.8100e-003	56.4626
Worker	0.0317	0.0202	0.3474	1.2000e-003	0.1678	6.8000e-004	0.1684	0.0446	6.2000e-004	0.0452	0.0000	110.1432	110.1432	1.8900e-003	2.3800e-003	110.8992
Total	**0.0349**	**0.1514**	**0.3943**	**1.7500e-003**	**0.1891**	**1.3200e-003**	**0.1904**	**0.0507**	**1.2300e-003**	**0.0520**	**0.0000**	**164.2245**	**164.2245**	**4.0300e-003**	**0.0102**	**167.3617**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0311	0.2719	0.8480	1.6400e-003		4.1200e-003	4.1200e-003		4.1200e-003	4.1200e-003	0.0000	140.7055	140.7055	5.5200e-003	0.0000	140.8435
Total	**0.0311**	**0.2719**	**0.8480**	**1.6400e-003**		**4.1200e-003**	**4.1200e-003**		**4.1200e-003**	**4.1200e-003**	**0.0000**	**140.7055**	**140.7055**	**5.5200e-003**	**0.0000**	**140.8435**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.2500e-003	0.1312	0.0468	5.5000e-004	0.0213	6.4000e-004	0.0220	6.1500e-003	6.1000e-004	6.7700e-003	0.0000	54.0812	54.0812	2.1400e-003	7.8100e-003	56.4626
Worker	0.0317	0.0202	0.3474	1.2000e-003	0.1678	6.8000e-004	0.1684	0.0446	6.2000e-004	0.0452	0.0000	110.1432	110.1432	1.8900e-003	2.3800e-003	110.8992
Total	**0.0349**	**0.1514**	**0.3943**	**1.7500e-003**	**0.1891**	**1.3200e-003**	**0.1904**	**0.0507**	**1.2300e-003**	**0.0520**	**0.0000**	**164.2245**	**164.2245**	**4.0300e-003**	**0.0102**	**167.3617**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 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	7.2600e-003	0.0647	0.0981	1.6000e-004		3.0200e-003	3.0200e-003		2.8500e-003	2.8500e-003	0.0000	13.7477	13.7477	3.0200e-003	0.0000	13.8231
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.2600e-003**	**0.0647**	**0.0981**	**1.6000e-004**		**3.0200e-003**	**3.0200e-003**		**2.8500e-003**	**2.8500e-003**	**0.0000**	**13.7477**	**13.7477**	**3.0200e-003**	**0.0000**	**13.8231**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1000e-004	2.0000e-004	3.3200e-003	1.0000e-005	1.5300e-003	1.0000e-005	1.5400e-003	4.1000e-004	1.0000e-005	4.1000e-004	0.0000	1.0290	1.0290	2.0000e-005	2.0000e-005	1.0362
Total	**3.1000e-004**	**2.0000e-004**	**3.3200e-003**	**1.0000e-005**	**1.5300e-003**	**1.0000e-005**	**1.5400e-003**	**4.1000e-004**	**1.0000e-005**	**4.1000e-004**	**0.0000**	**1.0290**	**1.0290**	**2.0000e-005**	**2.0000e-005**	**1.0362**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9800e-003	0.0178	0.1068	1.5000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	13.3898	13.3898	2.9800e-003	0.0000	13.4643
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.9800e-003**	**0.0178**	**0.1068**	**1.5000e-004**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**13.3898**	**13.3898**	**2.9800e-003**	**0.0000**	**13.4643**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1000e-004	2.0000e-004	3.3200e-003	1.0000e-005	1.5300e-003	1.0000e-005	1.5400e-003	4.1000e-004	1.0000e-005	4.1000e-004	0.0000	1.0290	1.0290	2.0000e-005	2.0000e-005	1.0362
Total	**3.1000e-004**	**2.0000e-004**	**3.3200e-003**	**1.0000e-005**	**1.5300e-003**	**1.0000e-005**	**1.5400e-003**	**4.1000e-004**	**1.0000e-005**	**4.1000e-004**	**0.0000**	**1.0290**	**1.0290**	**2.0000e-005**	**2.0000e-005**	**1.0362**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - 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					
Archit. Coating	0.4128					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0250	0.1650	0.2109	3.8000e-004		7.0700e-003	7.0700e-003		7.0700e-003	7.0700e-003	0.0000	30.1570	30.1570	2.0300e-003	0.0000	30.2078
Total	**0.4377**	**0.1650**	**0.2109**	**3.8000e-004**		**7.0700e-003**	**7.0700e-003**		**7.0700e-003**	**7.0700e-003**	**0.0000**	**30.1570**	**30.1570**	**2.0300e-003**	**0.0000**	**30.2078**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2500e-003	2.1100e-003	0.0351	1.2000e-004	0.0163	7.0000e-005	0.0163	4.3200e-003	6.0000e-005	4.3800e-003	0.0000	10.9035	10.9035	2.0000e-004	2.4000e-004	10.9798
Total	**3.2500e-003**	**2.1100e-003**	**0.0351**	**1.2000e-004**	**0.0163**	**7.0000e-005**	**0.0163**	**4.3200e-003**	**6.0000e-005**	**4.3800e-003**	**0.0000**	**10.9035**	**10.9035**	**2.0000e-004**	**2.4000e-004**	**10.9798**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4128					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0147	0.0985	0.1556	2.9000e-004		4.4300e-003	4.4300e-003		4.4300e-003	4.4300e-003	0.0000	24.2452	24.2452	1.4200e-003	0.0000	24.2806
Total	**0.4275**	**0.0985**	**0.1556**	**2.9000e-004**		**4.4300e-003**	**4.4300e-003**		**4.4300e-003**	**4.4300e-003**	**0.0000**	**24.2452**	**24.2452**	**1.4200e-003**	**0.0000**	**24.2806**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2500e-003	2.1100e-003	0.0351	1.2000e-004	0.0163	7.0000e-005	0.0163	4.3200e-003	6.0000e-005	4.3800e-003	0.0000	10.9035	10.9035	2.0000e-004	2.4000e-004	10.9798
Total	**3.2500e-003**	**2.1100e-003**	**0.0351**	**1.2000e-004**	**0.0163**	**7.0000e-005**	**0.0163**	**4.3200e-003**	**6.0000e-005**	**4.3800e-003**	**0.0000**	**10.9035**	**10.9035**	**2.0000e-004**	**2.4000e-004**	**10.9798**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 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	0.8735					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0454	0.2955	0.4440	8.1000e-004		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003	0.0000	63.8207	63.8207	3.6300e-003	0.0000	63.9115
Total	**0.9189**	**0.2955**	**0.4440**	**8.1000e-004**		**9.1600e-003**	**9.1600e-003**		**9.1600e-003**	**9.1600e-003**	**0.0000**	**63.8207**	**63.8207**	**3.6300e-003**	**0.0000**	**63.9115**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5000e-003	4.1400e-003	0.0713	2.5000e-004	0.0344	1.4000e-004	0.0345	9.1400e-003	1.3000e-004	9.2700e-003	0.0000	22.5892	22.5892	3.9000e-004	4.9000e-004	22.7442
Total	**6.5000e-003**	**4.1400e-003**	**0.0713**	**2.5000e-004**	**0.0344**	**1.4000e-004**	**0.0345**	**9.1400e-003**	**1.3000e-004**	**9.2700e-003**	**0.0000**	**22.5892**	**22.5892**	**3.9000e-004**	**4.9000e-004**	**22.7442**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.8735					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0238	0.1558	0.3272	6.2000e-004		3.7000e-003	3.7000e-003		3.7000e-003	3.7000e-003	0.0000	51.3097	51.3097	2.3300e-003	0.0000	51.3680
Total	**0.8973**	**0.1558**	**0.3272**	**6.2000e-004**		**3.7000e-003**	**3.7000e-003**		**3.7000e-003**	**3.7000e-003**	**0.0000**	**51.3097**	**51.3097**	**2.3300e-003**	**0.0000**	**51.3680**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5000e-003	4.1400e-003	0.0713	2.5000e-004	0.0344	1.4000e-004	0.0345	9.1400e-003	1.3000e-004	9.2700e-003	0.0000	22.5892	22.5892	3.9000e-004	4.9000e-004	22.7442
Total	**6.5000e-003**	**4.1400e-003**	**0.0713**	**2.5000e-004**	**0.0344**	**1.4000e-004**	**0.0345**	**9.1400e-003**	**1.3000e-004**	**9.2700e-003**	**0.0000**	**22.5892**	**22.5892**	**3.9000e-004**	**4.9000e-004**	**22.7442**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	1.2341	1.2802	12.6246	0.0284	3.5834	0.0179	3.6013	0.9563	0.0166	0.9729	0.0000	2,633.7253	2,633.7253	0.1828	0.1126	2,671.8503
Unmitigated	1.2341	1.2802	12.6246	0.0284	3.5834	0.0179	3.6013	0.9563	0.0166	0.9729	0.0000	2,633.7253	2,633.7253	0.1828	0.1126	2,671.8503

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	1,344.56	1,344.56	1344.56	4,169,857	4,169,857
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	706.10	706.10	706.10	3,084,245	3,084,245
Strip Mall	521.90	521.90	521.90	2,279,659	2,279,659
Total	2,572.56	2,572.56	2,572.56	9,533,761	9,533,761

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
Apartments Mid Rise	8.52	8.52	8.52	40.20	19.20	40.60	100	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	12.00	12.00	12.00	33.00	48.00	19.00	100	0	0

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	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
Strip Mall	12.00	12.00	12.00	16.60	64.40	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294
Enclosed Parking with Elevator	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294
General Office Building	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294
Strip Mall	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	676.6095	676.6095	0.0571	6.9200e-003	680.1000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	676.6095	676.6095	0.0571	6.9200e-003	680.1000
NaturalGas Mitigated	1.4300e-003	0.0130	0.0109	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004	0.0000	14.1329	14.1329	2.7000e-004	2.6000e-004	14.2169
NaturalGas Unmitigated	1.4300e-003	0.0130	0.0109	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004	0.0000	14.1329	14.1329	2.7000e-004	2.6000e-004	14.2169

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	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
Enclosed Parking with Elevator	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
General Office Building	237130	1.2800e-003	0.0116	9.7600e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004	0.0000	12.6542	12.6542	2.4000e-004	2.3000e-004	12.7294
Strip Mall	27710	1.5000e-004	1.3600e-003	1.1400e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	1.4787	1.4787	3.0000e-005	3.0000e-005	1.4875
Total		**1.4300e-003**	**0.0130**	**0.0109**	**8.0000e-005**		**9.8000e-004**	**9.8000e-004**		**9.8000e-004**	**9.8000e-004**	**0.0000**	**14.1329**	**14.1329**	**2.7000e-004**	**2.6000e-004**	**14.2169**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	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
Enclosed Parking with Elevator	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
General Office Building	237130	1.2800e-003	0.0116	9.7600e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004	0.0000	12.6542	12.6542	2.4000e-004	2.3000e-004	12.7294
Strip Mall	27710	1.5000e-004	1.3600e-003	1.1400e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	1.4787	1.4787	3.0000e-005	3.0000e-005	1.4875
Total		**1.4300e-003**	**0.0130**	**0.0109**	**8.0000e-005**		**9.8000e-004**	**9.8000e-004**		**9.8000e-004**	**9.8000e-004**	**0.0000**	**14.1329**	**14.1329**	**2.7000e-004**	**2.6000e-004**	**14.2169**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.21969e+006	393.6522	0.0332	4.0300e-003	395.6830
Enclosed Parking with Elevator	1.08582e+006	192.5661	0.0163	1.9700e-003	193.5595
General Office Building	287500	50.9868	4.3000e-003	5.2000e-004	51.2499
Strip Mall	222190	39.4044	3.3300e-003	4.0000e-004	39.6077
Total		**676.6095**	**0.0571**	**6.9200e-003**	**680.1000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.21969e+006	393.6522	0.0332	4.0300e-003	395.6830
Enclosed Parking with Elevator	1.08582e+006	192.5661	0.0163	1.9700e-003	193.5595
General Office Building	287500	50.9868	4.3000e-003	5.2000e-004	51.2499
Strip Mall	222190	39.4044	3.3300e-003	4.0000e-004	39.6077
Total		**676.6095**	**0.0571**	**6.9200e-003**	**680.1000**

6.0 Area Detail

6.1 Mitigation Measures Area

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6317	0.0407	3.5347	1.9000e-004		0.0196	0.0196		0.0196	0.0196	0.0000	5.7914	5.7914	5.5400e-003	0.0000	5.9299
Unmitigated	1.6317	0.0407	3.5347	1.9000e-004		0.0196	0.0196		0.0196	0.0196	0.0000	5.7914	5.7914	5.5400e-003	0.0000	5.9299

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	0.1286					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.3969					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1062	0.0407	3.5347	1.9000e-004		0.0196	0.0196		0.0196	0.0196	0.0000	5.7914	5.7914	5.5400e-003	0.0000	5.9299
Total	**1.6317**	**0.0407**	**3.5347**	**1.9000e-004**		**0.0196**	**0.0196**		**0.0196**	**0.0196**	**0.0000**	**5.7914**	**5.7914**	**5.5400e-003**	**0.0000**	**5.9299**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.1286					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.3969					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1062	0.0407	3.5347	1.9000e-004		0.0196	0.0196		0.0196	0.0196	0.0000	5.7914	5.7914	5.5400e-003	0.0000	5.9299
Total	**1.6317**	**0.0407**	**3.5347**	**1.9000e-004**		**0.0196**	**0.0196**		**0.0196**	**0.0196**	**0.0000**	**5.7914**	**5.7914**	**5.5400e-003**	**0.0000**	**5.9299**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	106.9565	0.9107	0.0223	136.3739
Unmitigated	106.9565	0.9107	0.0223	136.3739

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	22.3478 / 14.0888	86.4553	0.7349	0.0180	110.1938
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	4.08788 / 2.50547	15.6732	0.1344	3.2900e-003	20.0148
Strip Mall	1.25923 / 0.771788	4.8280	0.0414	1.0100e-003	6.1654
Total		**106.9565**	**0.9107**	**0.0223**	**136.3739**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	22.3478 / 14.0888	86.4553	0.7349	0.0180	110.1938
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	4.08788 / 2.50547	15.6732	0.1344	3.2900e-003	20.0148
Strip Mall	1.25923 / 0.771788	4.8280	0.0414	1.0100e-003	6.1654
Total		**106.9565**	**0.9107**	**0.0223**	**136.3739**

8.0 Waste Detail

8.1 Mitigation Measures Waste

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	39.9933	2.3635	0.0000	99.0817
Unmitigated	39.9933	2.3635	0.0000	99.0817

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	157.78	32.0279	1.8928	0.0000	79.3478
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	21.39	4.3420	0.2566	0.0000	10.7571
Strip Mall	17.85	3.6234	0.2141	0.0000	8.9768
Total		**39.9933**	**2.3635**	**0.0000**	**99.0817**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	157.78	32.0279	1.8928	0.0000	79.3478
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	21.39	4.3420	0.2566	0.0000	10.7571
Strip Mall	17.85	3.6234	0.2141	0.0000	8.9768
Total		**39.9933**	**2.3635**	**0.0000**	**99.0817**

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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Equipment Type	Number

11.0 Vegetation

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	104.00	Dwelling Unit	3.60	104,000.00	297

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2032
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - See Assumptions

Construction Phase - Based on provide project schedule.

Off-road Equipment - All equipment is either Tier 4 or electeric per Project design.

Off-road Equipment - All equipment is either Tier 4 or electeric per Project design.

Off-road Equipment - See Assumptions - All equipment is either Tier 4 or electric.

Demolition - See Assumptions

Vehicle Trips - See assumptions

Woodstoves - No exiting fireplaces

Energy Use - See Assumptions

Construction Off-road Equipment Mitigation - All equipment is either Tier 4 or Alternative as provided.

Trips and VMT - See Assumptions

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	18.00	202.00
tblConstructionPhase	NumDays	230.00	403.00
tblConstructionPhase	NumDays	20.00	35.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	88.40	0.00
tblFireplaces	NumberNoFireplace	10.40	104.00
tblFireplaces	NumberWood	5.20	0.00
tblLandUse	LotAcreage	2.74	3.60
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	8.70	8.51
tblVehicleTrips	HS_TL	5.90	8.51
tblVehicleTrips	HW_TL	14.70	8.51
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	4.91	3.92
tblVehicleTrips	SU_TR	4.09	3.92
tblVehicleTrips	WD_TR	5.44	3.92
tblWoodstoves	NumberCatalytic	5.20	0.00
tblWoodstoves	NumberNoncatalytic	5.20	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
2030	0.3116	1.4259	3.0712	7.0300e-003	0.1185	0.0339	0.1523	0.0309	0.0338	0.0647	0.0000	606.4204	606.4204	0.0227	4.9500e-003	608.4650
2031	0.5431	1.4083	2.5903	5.7600e-003	0.0937	0.0373	0.1310	0.0250	0.0373	0.0623	0.0000	485.9155	485.9155	0.0205	3.4100e-003	487.4449
Maximum	**0.5431**	**1.4259**	**3.0712**	**7.0300e-003**	**0.1185**	**0.0373**	**0.1523**	**0.0309**	**0.0373**	**0.0647**	**0.0000**	**606.4204**	**606.4204**	**0.0227**	**4.9500e-003**	**608.4650**

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					
2030	0.1225	0.6587	3.3576	6.8200e-003	0.1185	8.4800e-003	0.1270	0.0309	8.4400e-003	0.0393	0.0000	593.0381	593.0381	0.0213	4.9500e-003	595.0480
2031	0.3552	0.4628	2.5423	5.2500e-003	0.0937	6.2800e-003	0.1000	0.0250	6.2500e-003	0.0313	0.0000	453.0566	453.0566	0.0171	3.4100e-003	454.5007
Maximum	**0.3552**	**0.6587**	**3.3576**	**6.8200e-003**	**0.1185**	**8.4800e-003**	**0.1270**	**0.0309**	**8.4400e-003**	**0.0393**	**0.0000**	**593.0381**	**593.0381**	**0.0213**	**4.9500e-003**	**595.0480**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	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	**44.11**	**60.43**	**-4.21**	**5.63**	**0.00**	**79.27**	**19.92**	**0.00**	**79.35**	**44.43**	**0.00**	**4.23**	**4.23**	**11.09**	**0.00**	**4.23**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2030**	**3-31-2030**	0.5250	0.2179
2	**4-1-2030**	**6-30-2030**	0.3606	0.1710
3	**7-1-2030**	**9-30-2030**	0.3646	0.1729
4	**10-1-2030**	**12-31-2030**	0.4852	0.2175
5	**1-1-2031**	**3-31-2031**	0.7033	0.2954
6	**4-1-2031**	**6-30-2031**	0.7097	0.2972
7	**7-1-2031**	**9-30-2031**	0.5339	0.2225
		Highest	0.7097	0.2972

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.4403	0.0123	1.0697	6.0000e-005		5.9500e-003	5.9500e-003		5.9500e-003	5.9500e-003	0.0000	1.7519	1.7519	1.6700e-003	0.0000	1.7937
Energy	4.0400e-003	0.0345	0.0147	2.2000e-004		2.7900e-003	2.7900e-003		2.7900e-003	2.7900e-003	0.0000	105.0531	105.0531	6.2600e-003	1.4000e-003	105.6264
Mobile	0.1722	0.1712	1.6985	3.7200e-003	0.4747	2.2900e-003	0.4770	0.1267	2.1300e-003	0.1288	0.0000	344.4056	344.4056	0.0248	0.0152	349.5481
Waste						0.0000	0.0000		0.0000	0.0000	9.7111	0.0000	9.7111	0.5739	0.0000	24.0588
Water						0.0000	0.0000		0.0000	0.0000	2.1497	24.0641	26.2139	0.2228	5.4600e-003	33.4115
Total	**0.6166**	**0.2181**	**2.7829**	**4.0000e-003**	**0.4747**	**0.0110**	**0.4857**	**0.1267**	**0.0109**	**0.1376**	**11.8608**	**475.2748**	**487.1356**	**0.8294**	**0.0220**	**514.4385**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.4403	0.0123	1.0697	6.0000e-005		5.9500e-003	5.9500e-003		5.9500e-003	5.9500e-003	0.0000	1.7519	1.7519	1.6700e-003	0.0000	1.7937
Energy	4.0400e-003	0.0345	0.0147	2.2000e-004		2.7900e-003	2.7900e-003		2.7900e-003	2.7900e-003	0.0000	105.0531	105.0531	6.2600e-003	1.4000e-003	105.6264
Mobile	0.1722	0.1712	1.6985	3.7200e-003	0.4747	2.2900e-003	0.4770	0.1267	2.1300e-003	0.1288	0.0000	344.4056	344.4056	0.0248	0.0152	349.5481
Waste						0.0000	0.0000		0.0000	0.0000	9.7111	0.0000	9.7111	0.5739	0.0000	24.0588
Water						0.0000	0.0000		0.0000	0.0000	2.1497	24.0641	26.2139	0.2228	5.4600e-003	33.4115
Total	**0.6166**	**0.2181**	**2.7829**	**4.0000e-003**	**0.4747**	**0.0110**	**0.4857**	**0.1267**	**0.0109**	**0.1376**	**11.8608**	**475.2748**	**487.1356**	**0.8294**	**0.0220**	**514.4385**

	ROG	NOx	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	1/1/2030	2/18/2030	5	35	
2	Building Construction	Building Construction	2/19/2030	9/4/2031	5	403	
3	Architectural Coating	Architectural Coating	12/1/2030	9/9/2031	5	202	

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 210,600; Residential Outdoor: 70,200; 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	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Excavators	4	8.00	158	0.38
Demolition	Generator Sets	2	8.00	84	0.74
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	2	8.00	203	0.36
Demolition	Sweepers/Scrubbers	2	8.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Air Compressors	2	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Rough Terrain Forklifts	2	8.00	100	0.40
Building Construction	Sweepers/Scrubbers	2	8.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	3	8.00	78	0.48
Architectural Coating	Cement and Mortar Mixers	6	8.00	9	0.56
Architectural Coating	Pressure Washers	3	8.00	13	0.30

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	16	40.00	0.00	64.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	75.00	11.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	12	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

3.2 Demolition - 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					
Fugitive Dust					6.9100e-003	0.0000	6.9100e-003	1.0500e-003	0.0000	1.0500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0570	0.2929	0.7863	1.5400e-003		7.0600e-003	7.0600e-003		7.0600e-003	7.0600e-003	0.0000	132.2859	132.2859	4.5400e-003	0.0000	132.3995
Total	**0.0570**	**0.2929**	**0.7863**	**1.5400e-003**	**6.9100e-003**	**7.0600e-003**	**0.0140**	**1.0500e-003**	**7.0600e-003**	**8.1100e-003**	**0.0000**	**132.2859**	**132.2859**	**4.5400e-003**	**0.0000**	**132.3995**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 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	1.1000e-004	9.5400e-003	2.3000e-003	4.0000e-005	1.3800e-003	6.0000e-005	1.4400e-003	3.8000e-004	6.0000e-005	4.4000e-004	0.0000	3.9714	3.9714	2.7000e-004	6.3000e-004	4.1666
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4500e-003	9.2000e-004	0.0159	5.0000e-005	7.6700e-003	3.0000e-005	7.7000e-003	2.0400e-003	3.0000e-005	2.0700e-003	0.0000	5.0366	5.0366	9.0000e-005	1.1000e-004	5.0712
Total	**1.5600e-003**	**0.0105**	**0.0182**	**9.0000e-005**	**9.0500e-003**	**9.0000e-005**	**9.1400e-003**	**2.4200e-003**	**9.0000e-005**	**2.5100e-003**	**0.0000**	**9.0080**	**9.0080**	**3.6000e-004**	**7.4000e-004**	**9.2378**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					6.9100e-003	0.0000	6.9100e-003	1.0500e-003	0.0000	1.0500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0165	0.1118	0.8817	1.5400e-003		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003	0.0000	132.2858	132.2858	4.5400e-003	0.0000	132.3994
Total	**0.0165**	**0.1118**	**0.8817**	**1.5400e-003**	**6.9100e-003**	**2.0500e-003**	**8.9600e-003**	**1.0500e-003**	**2.0500e-003**	**3.1000e-003**	**0.0000**	**132.2858**	**132.2858**	**4.5400e-003**	**0.0000**	**132.3994**

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3.2 Demolition - 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	1.1000e-004	9.5400e-003	2.3000e-003	4.0000e-005	1.3800e-003	6.0000e-005	1.4400e-003	3.8000e-004	6.0000e-005	4.4000e-004	0.0000	3.9714	3.9714	2.7000e-004	6.3000e-004	4.1666
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4500e-003	9.2000e-004	0.0159	5.0000e-005	7.6700e-003	3.0000e-005	7.7000e-003	2.0400e-003	3.0000e-005	2.0700e-003	0.0000	5.0366	5.0366	9.0000e-005	1.1000e-004	5.0712
Total	**1.5600e-003**	**0.0105**	**0.0182**	**9.0000e-005**	**9.0500e-003**	**9.0000e-005**	**9.1400e-003**	**2.4200e-003**	**9.0000e-005**	**2.5100e-003**	**0.0000**	**9.0080**	**9.0080**	**3.6000e-004**	**7.4000e-004**	**9.2378**

3.3 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	0.1876	0.9915	1.9461	4.3200e-003		0.0239	0.0239		0.0239	0.0239	0.0000	367.6545	367.6545	0.0151	0.0000	368.0320
Total	**0.1876**	**0.9915**	**1.9461**	**4.3200e-003**		**0.0239**	**0.0239**		**0.0239**	**0.0239**	**0.0000**	**367.6545**	**367.6545**	**0.0151**	**0.0000**	**368.0320**

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3.3 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	1.2000e-003	0.0482	0.0172	2.0000e-004	7.8300e-003	2.4000e-004	8.0700e-003	2.2600e-003	2.3000e-004	2.4900e-003	0.0000	19.8767	19.8767	7.9000e-004	2.8700e-003	20.7519
Worker	0.0175	0.0112	0.1924	6.6000e-004	0.0929	3.7000e-004	0.0932	0.0247	3.4000e-004	0.0250	0.0000	60.9788	60.9788	1.0500e-003	1.3200e-003	61.3974
Total	**0.0187**	**0.0594**	**0.2096**	**8.6000e-004**	**0.1007**	**6.1000e-004**	**0.1013**	**0.0269**	**5.7000e-004**	**0.0275**	**0.0000**	**80.8555**	**80.8555**	**1.8400e-003**	**4.1900e-003**	**82.1493**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0486	0.4712	2.1637	4.1600e-003		5.5400e-003	5.5400e-003		5.5400e-003	5.5400e-003	0.0000	357.2971	357.2971	0.0140	0.0000	357.6476
Total	**0.0486**	**0.4712**	**2.1637**	**4.1600e-003**		**5.5400e-003**	**5.5400e-003**		**5.5400e-003**	**5.5400e-003**	**0.0000**	**357.2971**	**357.2971**	**0.0140**	**0.0000**	**357.6476**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 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	1.2000e-003	0.0482	0.0172	2.0000e-004	7.8300e-003	2.4000e-004	8.0700e-003	2.2600e-003	2.3000e-004	2.4900e-003	0.0000	19.8767	19.8767	7.9000e-004	2.8700e-003	20.7519
Worker	0.0175	0.0112	0.1924	6.6000e-004	0.0929	3.7000e-004	0.0932	0.0247	3.4000e-004	0.0250	0.0000	60.9788	60.9788	1.0500e-003	1.3200e-003	61.3974
Total	**0.0187**	**0.0594**	**0.2096**	**8.6000e-004**	**0.1007**	**6.1000e-004**	**0.1013**	**0.0269**	**5.7000e-004**	**0.0275**	**0.0000**	**80.8555**	**80.8555**	**1.8400e-003**	**4.1900e-003**	**82.1493**

3.3 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1469	0.7765	1.5242	3.3800e-003		0.0187	0.0187		0.0187	0.0187	0.0000	287.9418	287.9418	0.0118	0.0000	288.2375
Total	**0.1469**	**0.7765**	**1.5242**	**3.3800e-003**		**0.0187**	**0.0187**		**0.0187**	**0.0187**	**0.0000**	**287.9418**	**287.9418**	**0.0118**	**0.0000**	**288.2375**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.3000e-004	0.0376	0.0135	1.6000e-004	6.1400e-003	1.8000e-004	6.3200e-003	1.7700e-003	1.7000e-004	1.9500e-003	0.0000	15.2919	15.2919	6.2000e-004	2.2100e-003	15.9656
Worker	0.0129	8.1300e-003	0.1450	5.1000e-004	0.0727	2.8000e-004	0.0730	0.0193	2.5000e-004	0.0196	0.0000	46.9033	46.9033	7.6000e-004	1.0000e-003	47.2195
Total	**0.0138**	**0.0457**	**0.1585**	**6.7000e-004**	**0.0789**	**4.6000e-004**	**0.0793**	**0.0211**	**4.2000e-004**	**0.0215**	**0.0000**	**62.1952**	**62.1952**	**1.3800e-003**	**3.2100e-003**	**63.1851**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0381	0.3690	1.6946	3.2600e-003		4.3400e-003	4.3400e-003		4.3400e-003	4.3400e-003	0.0000	279.8300	279.8300	0.0110	0.0000	280.1046
Total	**0.0381**	**0.3690**	**1.6946**	**3.2600e-003**		**4.3400e-003**	**4.3400e-003**		**4.3400e-003**	**4.3400e-003**	**0.0000**	**279.8300**	**279.8300**	**0.0110**	**0.0000**	**280.1046**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.3000e-004	0.0376	0.0135	1.6000e-004	6.1400e-003	1.8000e-004	6.3200e-003	1.7700e-003	1.7000e-004	1.9500e-003	0.0000	15.2919	15.2919	6.2000e-004	2.2100e-003	15.9656
Worker	0.0129	8.1300e-003	0.1450	5.1000e-004	0.0727	2.8000e-004	0.0730	0.0193	2.5000e-004	0.0196	0.0000	46.9033	46.9033	7.6000e-004	1.0000e-003	47.2195
Total	**0.0138**	**0.0457**	**0.1585**	**6.7000e-004**	**0.0789**	**4.6000e-004**	**0.0793**	**0.0211**	**4.2000e-004**	**0.0215**	**0.0000**	**62.1952**	**62.1952**	**1.3800e-003**	**3.2100e-003**	**63.1851**

3.4 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	0.0354					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0110	0.0714	0.1073	2.0000e-004		2.2100e-003	2.2100e-003		2.2100e-003	2.2100e-003	0.0000	15.4292	15.4292	8.8000e-004	0.0000	15.4511
Total	**0.0464**	**0.0714**	**0.1073**	**2.0000e-004**		**2.2100e-003**	**2.2100e-003**		**2.2100e-003**	**2.2100e-003**	**0.0000**	**15.4292**	**15.4292**	**8.8000e-004**	**0.0000**	**15.4511**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 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	2.2000e-004	3.7400e-003	1.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.1872	1.1872	2.0000e-005	3.0000e-005	1.1954
Total	**3.4000e-004**	**2.2000e-004**	**3.7400e-003**	**1.0000e-005**	**1.8100e-003**	**1.0000e-005**	**1.8200e-003**	**4.8000e-004**	**1.0000e-005**	**4.9000e-004**	**0.0000**	**1.1872**	**1.1872**	**2.0000e-005**	**3.0000e-005**	**1.1954**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0354					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3100e-003	5.6700e-003	0.0806	1.5000e-004		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	12.4046	12.4046	5.6000e-004	0.0000	12.4186
Total	**0.0368**	**5.6700e-003**	**0.0806**	**1.5000e-004**		**1.7000e-004**	**1.7000e-004**		**1.7000e-004**	**1.7000e-004**	**0.0000**	**12.4046**	**12.4046**	**5.6000e-004**	**0.0000**	**12.4186**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 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	2.2000e-004	3.7400e-003	1.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.1872	1.1872	2.0000e-005	3.0000e-005	1.1954
Total	**3.4000e-004**	**2.2000e-004**	**3.7400e-003**	**1.0000e-005**	**1.8100e-003**	**1.0000e-005**	**1.8200e-003**	**4.8000e-004**	**1.0000e-005**	**4.9000e-004**	**0.0000**	**1.1872**	**1.1872**	**2.0000e-005**	**3.0000e-005**	**1.1954**

3.4 Architectural Coating - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2899					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0898	0.5844	0.8782	1.6000e-003		0.0181	0.0181		0.0181	0.0181	0.0000	126.2388	126.2388	7.1800e-003	0.0000	126.4183
Total	**0.3797**	**0.5844**	**0.8782**	**1.6000e-003**		**0.0181**	**0.0181**		**0.0181**	**0.0181**	**0.0000**	**126.2388**	**126.2388**	**7.1800e-003**	**0.0000**	**126.4183**

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3.4 Architectural Coating - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6300e-003	1.6500e-003	0.0295	1.0000e-004	0.0148	6.0000e-005	0.0149	3.9300e-003	5.0000e-005	3.9800e-003	0.0000	9.5397	9.5397	1.5000e-004	2.0000e-004	9.6040
Total	**2.6300e-003**	**1.6500e-003**	**0.0295**	**1.0000e-004**	**0.0148**	**6.0000e-005**	**0.0149**	**3.9300e-003**	**5.0000e-005**	**3.9800e-003**	**0.0000**	**9.5397**	**9.5397**	**1.5000e-004**	**2.0000e-004**	**9.6040**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2899					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0107	0.0464	0.6597	1.2200e-003		1.4300e-003	1.4300e-003		1.4300e-003	1.4300e-003	0.0000	101.4917	101.4917	4.6100e-003	0.0000	101.6071
Total	**0.3006**	**0.0464**	**0.6597**	**1.2200e-003**		**1.4300e-003**	**1.4300e-003**		**1.4300e-003**	**1.4300e-003**	**0.0000**	**101.4917**	**101.4917**	**4.6100e-003**	**0.0000**	**101.6071**

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3.4 Architectural Coating - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6300e-003	1.6500e-003	0.0295	1.0000e-004	0.0148	6.0000e-005	0.0149	3.9300e-003	5.0000e-005	3.9800e-003	0.0000	9.5397	9.5397	1.5000e-004	2.0000e-004	9.6040
Total	**2.6300e-003**	**1.6500e-003**	**0.0295**	**1.0000e-004**	**0.0148**	**6.0000e-005**	**0.0149**	**3.9300e-003**	**5.0000e-005**	**3.9800e-003**	**0.0000**	**9.5397**	**9.5397**	**1.5000e-004**	**2.0000e-004**	**9.6040**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.1722	0.1712	1.6985	3.7200e-003	0.4747	2.2900e-003	0.4770	0.1267	2.1300e-003	0.1288	0.0000	344.4056	344.4056	0.0248	0.0152	349.5481
Unmitigated	0.1722	0.1712	1.6985	3.7200e-003	0.4747	2.2900e-003	0.4770	0.1267	2.1300e-003	0.1288	0.0000	344.4056	344.4056	0.0248	0.0152	349.5481

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	407.68	407.68	407.68	1,262,846	1,262,846
Total	407.68	407.68	407.68	1,262,846	1,262,846

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
Apartments Mid Rise	8.51	8.51	8.51	40.20	19.20	40.60	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.526105	0.068520	0.194664	0.126916	0.024659	0.007190	0.011777	0.007710	0.000936	0.000560	0.026921	0.000737	0.003305

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.0 Energy Detail

Historical Energy Use: Y

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	65.0497	65.0497	5.4900e-003	6.7000e-004	65.3853
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	65.0497	65.0497	5.4900e-003	6.7000e-004	65.3853
NaturalGas Mitigated	4.0400e-003	0.0345	0.0147	2.2000e-004		2.7900e-003	2.7900e-003		2.7900e-003	2.7900e-003	0.0000	40.0033	40.0033	7.7000e-004	7.3000e-004	40.2411
NaturalGas Unmitigated	4.0400e-003	0.0345	0.0147	2.2000e-004		2.7900e-003	2.7900e-003		2.7900e-003	2.7900e-003	0.0000	40.0033	40.0033	7.7000e-004	7.3000e-004	40.2411

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	749634	4.0400e-003	0.0345	0.0147	2.2000e-004		2.7900e-003	2.7900e-003		2.7900e-003	2.7900e-003	0.0000	40.0033	40.0033	7.7000e-004	7.3000e-004	40.2411
Total		**4.0400e-003**	**0.0345**	**0.0147**	**2.2000e-004**		**2.7900e-003**	**2.7900e-003**		**2.7900e-003**	**2.7900e-003**	**0.0000**	**40.0033**	**40.0033**	**7.7000e-004**	**7.3000e-004**	**40.2411**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	749634	4.0400e-003	0.0345	0.0147	2.2000e-004		2.7900e-003	2.7900e-003		2.7900e-003	2.7900e-003	0.0000	40.0033	40.0033	7.7000e-004	7.3000e-004	40.2411
Total		**4.0400e-003**	**0.0345**	**0.0147**	**2.2000e-004**		**2.7900e-003**	**2.7900e-003**		**2.7900e-003**	**2.7900e-003**	**0.0000**	**40.0033**	**40.0033**	**7.7000e-004**	**7.3000e-004**	**40.2411**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	366797	65.0497	5.4900e-003	6.7000e-004	65.3853
Total		**65.0497**	**5.4900e-003**	**6.7000e-004**	**65.3853**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	366797	65.0497	5.4900e-003	6.7000e-004	65.3853
Total		**65.0497**	**5.4900e-003**	**6.7000e-004**	**65.3853**

6.0 Area Detail

6.1 Mitigation Measures Area

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4403	0.0123	1.0697	6.0000e-005		5.9500e-003	5.9500e-003		5.9500e-003	5.9500e-003	0.0000	1.7519	1.7519	1.6700e-003	0.0000	1.7937
Unmitigated	0.4403	0.0123	1.0697	6.0000e-005		5.9500e-003	5.9500e-003		5.9500e-003	5.9500e-003	0.0000	1.7519	1.7519	1.6700e-003	0.0000	1.7937

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	0.0325					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3758					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0320	0.0123	1.0697	6.0000e-005		5.9500e-003	5.9500e-003		5.9500e-003	5.9500e-003	0.0000	1.7519	1.7519	1.6700e-003	0.0000	1.7937
Total	**0.4403**	**0.0123**	**1.0697**	**6.0000e-005**		**5.9500e-003**	**5.9500e-003**		**5.9500e-003**	**5.9500e-003**	**0.0000**	**1.7519**	**1.7519**	**1.6700e-003**	**0.0000**	**1.7937**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.0325					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3758					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0320	0.0123	1.0697	6.0000e-005		5.9500e-003	5.9500e-003		5.9500e-003	5.9500e-003	0.0000	1.7519	1.7519	1.6700e-003	0.0000	1.7937
Total	**0.4403**	**0.0123**	**1.0697**	**6.0000e-005**		**5.9500e-003**	**5.9500e-003**		**5.9500e-003**	**5.9500e-003**	**0.0000**	**1.7519**	**1.7519**	**1.6700e-003**	**0.0000**	**1.7937**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	26.2139	0.2228	5.4600e-003	33.4115
Unmitigated	26.2139	0.2228	5.4600e-003	33.4115

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	6.77602 / 4.27184	26.2139	0.2228	5.4600e-003	33.4115
Total		**26.2139**	**0.2228**	**5.4600e-003**	**33.4115**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	6.77602 / 4.27184	26.2139	0.2228	5.4600e-003	33.4115
Total		**26.2139**	**0.2228**	**5.4600e-003**	**33.4115**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	9.7111	0.5739	0.0000	24.0588
Unmitigated	9.7111	0.5739	0.0000	24.0588

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	47.84	9.7111	0.5739	0.0000	24.0588
Total		**9.7111**	**0.5739**	**0.0000**	**24.0588**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	47.84	9.7111	0.5739	0.0000	24.0588
Total		**9.7111**	**0.5739**	**0.0000**	**24.0588**

9.0 Operational Offroad

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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

OSP - Phase 1 Mitigation

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	32.00	1000sqft	0.00	32,000.00	0
Enclosed Parking with Elevator	587.00	Space	0.00	235,305.00	0
City Park	1.50	Acre	1.50	65,340.00	0
Apartments Mid Rise	343.00	Dwelling Unit	5.81	343,000.00	981
Condo/Townhouse	32.00	Dwelling Unit	0.00	32,000.00	92

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2031
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - See Assumptions

Construction Phase - see Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - Just architectural coating emissions for Phase 1 B as equipment and timing would be the same for Scenario B just different number of units and sqft of comm/retail

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Trips and VMT - See assumptions

Demolition - See Assumptions

Grading - See Assumptions

Architectural Coating - See Assumptions - P1B is architectural coating areas for Scenario B.

Vehicle Trips - Operational modeled separately

Road Dust - Operational modeled separately

Woodstoves - Operational modeled separately

Consumer Products - Operational modeled separately

Area Coating - Operational modeled separately

Landscape Equipment - Operational modeled separately

Energy Use - Operational modeled separately

Water And Wastewater - Operational modeled separately

Solid Waste - Operational modeled separately

Construction Off-road Equipment Mitigation - See Assumptions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	36,487.00	44,085.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	109,461.00	132,254.00
tblArchitecturalCoating	ConstArea_Parking	14,118.00	17,280.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	253,125.00	303,750.00
tblArchitecturalCoating	ConstArea_Residential_Interior	759,375.00	911,250.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	28.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	121.00
tblConstructionPhase	NumDays	10.00	61.00
tblConstructionPhase	NumDays	20.00	121.00
tblConstructionPhase	NumDays	230.00	1,395.00
tblConstructionPhase	NumDays	20.00	698.00
tblConstructionPhase	NumDays	20.00	698.00
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1.75	0.00
tblEnergyUse	LightingElect	3.77	0.00
tblEnergyUse	NT24E	3,054.10	0.00
tblEnergyUse	NT24E	3,795.01	0.00
tblEnergyUse	NT24E	0.19	0.00
tblEnergyUse	NT24E	4.62	0.00
tblEnergyUse	NT24NG	4,831.00	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblEnergyUse	NT24NG	4,831.00	0.00
tblEnergyUse	NT24NG	0.39	0.00
tblEnergyUse	T24E	35.05	0.00
tblEnergyUse	T24E	39.19	0.00
tblEnergyUse	T24E	3.50	0.00
tblEnergyUse	T24E	4.11	0.00
tblEnergyUse	T24NG	4,179.80	0.00
tblEnergyUse	T24NG	12,162.60	0.00
tblEnergyUse	T24NG	9.92	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	NumberGas	291.55	0.00
tblFireplaces	NumberGas	27.20	0.00
tblFireplaces	NumberNoFireplace	34.30	0.00
tblFireplaces	NumberNoFireplace	3.20	0.00
tblFireplaces	NumberWood	17.15	0.00
tblFireplaces	NumberWood	1.60	0.00
tblGrading	MaterialImported	0.00	135,881.00
tblLandscapeEquipment	NumberSummerDays	250	0
tblLandUse	LandUseSquareFeet	234,800.00	235,305.00
tblLandUse	LotAcreage	0.73	0.00
tblLandUse	LotAcreage	5.28	0.00
tblLandUse	LotAcreage	9.03	5.81
tblLandUse	LotAcreage	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblSolidWaste	SolidWasteGenerationRate	157.78	0.00
tblSolidWaste	SolidWasteGenerationRate	0.13	0.00
tblSolidWaste	SolidWasteGenerationRate	14.72	0.00
tblSolidWaste	SolidWasteGenerationRate	29.76	0.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	13,435.00	8,493.00
tblTripsAndVMT	WorkerTripNumber	10.00	20.00
tblTripsAndVMT	WorkerTripNumber	140.00	60.00
tblTripsAndVMT	WorkerTripNumber	407.00	504.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblTripsAndVMT	WorkerTripNumber	81.00	101.00
tblTripsAndVMT	WorkerTripNumber	81.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	8.14	0.00
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	6.28	0.00
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	7.32	0.00
tblVehicleTrips	WD_TR	9.74	0.00
tblWater	IndoorWaterUseRate	22,347,830.79	0.00
tblWater	IndoorWaterUseRate	2,084,928.82	0.00
tblWater	IndoorWaterUseRate	5,687,479.94	0.00
tblWater	OutdoorWaterUseRate	14,088,849.84	0.00
tblWater	OutdoorWaterUseRate	1,787,222.02	0.00
tblWater	OutdoorWaterUseRate	1,314,411.65	0.00
tblWater	OutdoorWaterUseRate	3,485,874.80	0.00
tblWoodstoves	NumberCatalytic	17.15	0.00
tblWoodstoves	NumberCatalytic	1.60	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblWoodstoves	NumberNoncatalytic	17.15	0.00
tblWoodstoves	NumberNoncatalytic	1.60	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	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	0.9418	8.6774	11.5438	0.0242	0.4645	0.3557	0.8202	0.0956	0.3381	0.4337	0.0000	2,157.9039	2,157.9039	0.3825	0.0727	2,189.1377
2025	1.0698	8.9864	12.7148	0.0280	0.5732	0.3501	0.9233	0.1333	0.3323	0.4655	0.0000	2,465.8431	2,465.8431	0.4633	0.0497	2,492.2417
2026	0.5685	4.1035	5.8993	0.0154	0.7989	0.1515	0.9504	0.2140	0.1430	0.3569	0.0000	1,385.6555	1,385.6555	0.1760	0.0431	1,402.8912
2027	0.5585	4.0894	5.7953	0.0152	0.7989	0.1513	0.9502	0.2140	0.1427	0.3567	0.0000	1,366.9525	1,366.9525	0.1751	0.0419	1,383.8031
2028	1.5813	4.8723	6.8926	0.0176	0.8971	0.1847	1.0818	0.2401	0.1762	0.4163	0.0000	1,554.4554	1,554.4554	0.1848	0.0422	1,571.6395
2029	2.0134	5.2206	7.3369	0.0185	0.9433	0.1996	1.1429	0.2523	0.1911	0.4434	0.0000	1,631.3510	1,631.3510	0.1894	0.0419	1,648.5686
2030	1.9233	3.4797	7.0375	0.0189	0.9149	0.0850	0.9999	0.2448	0.0846	0.3294	0.0000	1,654.3796	1,654.3796	0.0585	0.0397	1,667.6600
Maximum	**2.0134**	**8.9864**	**12.7148**	**0.0280**	**0.9433**	**0.3557**	**1.1429**	**0.2523**	**0.3381**	**0.4655**	**0.0000**	**2,465.8431**	**2,465.8431**	**0.4633**	**0.0727**	**2,492.2417**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.2291	2.0568	10.6863	0.0207	0.3516	0.0309	0.3825	0.0816	0.0306	0.1122	0.0000	1,865.4537	1,865.4537	0.3667	0.0727	1,896.2909
2025	0.3301	2.0298	12.8499	0.0246	0.5026	0.0354	0.5381	0.1256	0.0351	0.1607	0.0000	2,192.9055	2,192.9055	0.4490	0.0497	2,218.9465
2026	0.2758	1.3119	6.3230	0.0151	0.7989	0.0173	0.8162	0.2140	0.0169	0.2309	0.0000	1,361.7327	1,361.7327	0.1735	0.0431	1,378.9064
2027	0.2658	1.2978	6.2190	0.0149	0.7989	0.0171	0.8160	0.2140	0.0167	0.2307	0.0000	1,343.0297	1,343.0297	0.1726	0.0419	1,359.8183
2028	1.1797	1.3422	7.0096	0.0167	0.8971	0.0187	0.9158	0.2401	0.0183	0.2583	0.0000	1,497.0783	1,497.0783	0.1788	0.0422	1,514.1135
2029	1.5639	1.3606	7.3255	0.0174	0.9433	0.0193	0.9626	0.2523	0.0189	0.2712	0.0000	1,559.5841	1,559.5841	0.1819	0.0419	1,576.6154
2030	1.5112	1.3083	7.0295	0.0178	0.9149	0.0185	0.9334	0.2448	0.0181	0.2628	0.0000	1,584.6289	1,584.6289	0.0513	0.0397	1,597.7283
Maximum	**1.5639**	**2.0568**	**12.8499**	**0.0246**	**0.9433**	**0.0354**	**0.9626**	**0.2523**	**0.0351**	**0.2712**	**0.0000**	**2,192.9055**	**2,192.9055**	**0.4490**	**0.0727**	**2,218.9465**

	ROG	NOx	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	**38.13**	**72.84**	**-0.39**	**7.81**	**3.40**	**89.36**	**21.90**	**1.55**	**89.02**	**45.51**	**0.00**	**6.65**	**6.65**	**3.43**	**0.00**	**6.58**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2024**	**3-31-2024**	2.0738	0.4088
2	**4-1-2024**	**6-30-2024**	1.8400	0.3519
3	**7-1-2024**	**9-30-2024**	1.3053	0.2834
4	**10-1-2024**	**12-31-2024**	4.3673	1.2183

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5	**1-1-2025**	**3-31-2025**	3.5622	0.9305
6	**4-1-2025**	**6-30-2025**	2.8869	0.4953
7	**7-1-2025**	**9-30-2025**	2.3876	0.5106
8	**10-1-2025**	**12-31-2025**	1.1861	0.4095
9	**1-1-2026**	**3-31-2026**	1.1536	0.3939
10	**4-1-2026**	**6-30-2026**	1.1546	0.3864
11	**7-1-2026**	**9-30-2026**	1.1673	0.3907
12	**10-1-2026**	**12-31-2026**	1.1792	0.4026
13	**1-1-2027**	**3-31-2027**	1.1476	0.3879
14	**4-1-2027**	**6-30-2027**	1.1489	0.3807
15	**7-1-2027**	**9-30-2027**	1.1615	0.3849
16	**10-1-2027**	**12-31-2027**	1.1731	0.3965
17	**1-1-2028**	**3-31-2028**	1.1550	0.3869
18	**4-1-2028**	**6-30-2028**	1.6690	0.6560
19	**7-1-2028**	**9-30-2028**	1.8182	0.7331
20	**10-1-2028**	**12-31-2028**	1.8307	0.7456
21	**1-1-2029**	**3-31-2029**	1.7850	0.7235
22	**4-1-2029**	**6-30-2029**	1.7929	0.7196
23	**7-1-2029**	**9-30-2029**	1.8126	0.7275
24	**10-1-2029**	**12-31-2029**	1.8247	0.7396
25	**1-1-2030**	**3-31-2030**	1.3736	0.7182
26	**4-1-2030**	**6-30-2030**	1.3773	0.7146
27	**7-1-2030**	**9-30-2030**	1.3924	0.7224
		Highest	4.3673	1.2183

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	1.6342	0.0000	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	**1.6342**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	1.6342	0.0000	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	**1.6342**	**0.0000**	**0.0000**	**0.0000**	**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	6/17/2024	5	121	
2	Site Preparation	Site Preparation	6/18/2024	9/10/2024	5	61	
3	Grading	Grading	9/11/2024	2/26/2025	5	121	

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4	Utilities Trenching	Trenching	2/27/2025	8/14/2025	5	121	
5	Building Construction	Building Construction	8/15/2025	12/19/2030	5	1395	
6	Paving	Paving	8/15/2025	9/11/2025	5	20	
7	Architectural Coating - P1A Equip & AC	Architectural Coating	4/19/2028	12/20/2030	5	698	
8	Architectural Coating - P1B just AC	Architectural Coating	4/19/2028	12/20/2030	5	698	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 242

Acres of Paving: 0

Residential Indoor: 759,375; Residential Outdoor: 253,125; Non-Residential Indoor: 109,461; Non-Residential Outdoor: 36,487; Striped Parking Area: 14,118 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Concrete/Industrial Saws	4	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Excavators	8	8.00	158	0.38
Demolition	Generator Sets	4	8.00	84	0.74
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	4	8.00	203	0.36
Demolition	Sweepers/Scrubbers	4	4.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	8	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site Preparation	Trenchers	4	8.00	78	0.50
Grading	Air Compressors	8	8.00	78	0.48
Grading	Excavators	0	8.00	158	0.38

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Grading	Excavators	8	8.00	158	0.38
Grading	Generator Sets	4	8.00	84	0.74
Grading	Graders	0	8.00	187	0.41
Grading	Plate Compactors	4	8.00	8	0.43
Grading	Pumps	4	8.00	84	0.74
Grading	Rough Terrain Forklifts	4	8.00	100	0.40
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Sweepers/Scrubbers	4	4.00	64	0.46
Grading	Tractors/Loaders/Backhoes	12	8.00	97	0.37
Grading	Welders	8	8.00	46	0.45
Utilities Trenching	Air Compressors	4	8.00	78	0.48
Utilities Trenching	Concrete/Industrial Saws	4	8.00	81	0.73
Utilities Trenching	Excavators	4	8.00	158	0.38
Utilities Trenching	Generator Sets	4	8.00	84	0.74
Utilities Trenching	Paving Equipment	4	8.00	132	0.36
Utilities Trenching	Rollers	4	8.00	80	0.38
Utilities Trenching	Rubber Tired Loaders	8	8.00	203	0.36
Utilities Trenching	Signal Boards	8	8.00	6	0.82
Utilities Trenching	Surfacing Equipment	4	8.00	263	0.30
Utilities Trenching	Sweepers/Scrubbers	4	4.00	64	0.46
Utilities Trenching	Tractors/Loaders/Backhoes	8	8.00	97	0.37
Building Construction	Air Compressors	4	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	4	8.00	9	0.56
Building Construction	Cranes	4	7.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Rough Terrain Forklifts	4	8.00	100	0.40
Building Construction	Sweepers/Scrubbers	4	4.00	64	0.46

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Generator Sets	4	8.00	84	0.74
Paving	Pavers	4	8.00	130	0.42
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Plate Compactors	4	8.00	8	0.43
Paving	Rollers	4	8.00	80	0.38
Paving	Signal Boards	4	8.00	6	0.82
Paving	Sweepers/Scrubbers	4	4.00	64	0.46
Architectural Coating - P1A Equip & AC	Air Compressors	4	6.00	78	0.48
Architectural Coating - P1A Equip & AC	Cement and Mortar Mixers	8	8.00	9	0.56
Architectural Coating - P1A Equip & AC	Pressure Washers	4	8.00	13	0.30
Architectural Coating - P1B just AC	Air Compressors	0	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	32	80.00	0.00	711.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	4	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	58	145.00	0.00	8,493.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Utilities Trenching	56	60.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	20	504.00	95.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	28	70.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - P1A Equip & AC	16	101.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - P1B just AC	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Use Cleaner Engines for Construction Equipment

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					0.0769	0.0000	0.0769	0.0117	0.0000	0.0117	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3839	3.3379	5.0263	8.9400e-003		0.1499	0.1499		0.1422	0.1422	0.0000	779.0036	779.0036	0.1773	0.0000	783.4372
Total	**0.3839**	**3.3379**	**5.0263**	**8.9400e-003**	**0.0769**	**0.1499**	**0.2268**	**0.0117**	**0.1422**	**0.1538**	**0.0000**	**779.0036**	**779.0036**	**0.1773**	**0.0000**	**783.4372**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	1.3200e-003	0.1127	0.0236	5.0000e-004	0.0153	7.3000e-004	0.0160	4.2000e-003	7.0000e-004	4.9000e-003	0.0000	49.7594	49.7594	2.8400e-003	7.9100e-003	52.1865
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0143	0.0109	0.1533	4.5000e-004	0.0530	3.1000e-004	0.0534	0.0141	2.9000e-004	0.0144	0.0000	41.0229	41.0229	1.0200e-003	1.0200e-003	41.3527
Total	**0.0157**	**0.1236**	**0.1770**	**9.5000e-004**	**0.0683**	**1.0400e-003**	**0.0694**	**0.0183**	**9.9000e-004**	**0.0193**	**0.0000**	**90.7823**	**90.7823**	**3.8600e-003**	**8.9300e-003**	**93.5392**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0346	0.0000	0.0346	5.2400e-003	0.0000	5.2400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0905	0.5318	4.8823	7.3500e-003		0.0116	0.0116		0.0116	0.0116	0.0000	642.2227	642.2227	0.1718	0.0000	646.5179
Total	**0.0905**	**0.5318**	**4.8823**	**7.3500e-003**	**0.0346**	**0.0116**	**0.0462**	**5.2400e-003**	**0.0116**	**0.0168**	**0.0000**	**642.2227**	**642.2227**	**0.1718**	**0.0000**	**646.5179**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	1.3200e-003	0.1127	0.0236	5.0000e-004	0.0153	7.3000e-004	0.0160	4.2000e-003	7.0000e-004	4.9000e-003	0.0000	49.7594	49.7594	2.8400e-003	7.9100e-003	52.1865
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0143	0.0109	0.1533	4.5000e-004	0.0530	3.1000e-004	0.0534	0.0141	2.9000e-004	0.0144	0.0000	41.0229	41.0229	1.0200e-003	1.0200e-003	41.3527
Total	**0.0157**	**0.1236**	**0.1770**	**9.5000e-004**	**0.0683**	**1.0400e-003**	**0.0694**	**0.0183**	**9.9000e-004**	**0.0193**	**0.0000**	**90.7823**	**90.7823**	**3.8600e-003**	**8.9300e-003**	**93.5392**

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0415	0.3855	0.3162	4.1000e-004		0.0267	0.0267		0.0245	0.0245	0.0000	36.2089	36.2089	0.0117	0.0000	36.5017
Total	**0.0415**	**0.3855**	**0.3162**	**4.1000e-004**	**0.0000**	**0.0267**	**0.0267**	**0.0000**	**0.0245**	**0.0245**	**0.0000**	**36.2089**	**36.2089**	**0.0117**	**0.0000**	**36.5017**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8100e-003	1.3700e-003	0.0193	6.0000e-005	6.6800e-003	4.0000e-005	6.7200e-003	1.7800e-003	4.0000e-005	1.8100e-003	0.0000	5.1703	5.1703	1.3000e-004	1.3000e-004	5.2118
Total	**1.8100e-003**	**1.3700e-003**	**0.0193**	**6.0000e-005**	**6.6800e-003**	**4.0000e-005**	**6.7200e-003**	**1.7800e-003**	**4.0000e-005**	**1.8100e-003**	**0.0000**	**5.1703**	**5.1703**	**1.3000e-004**	**1.3000e-004**	**5.2118**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.0300e-003	0.0218	0.3105	4.1000e-004		6.7000e-004	6.7000e-004		6.7000e-004	6.7000e-004	0.0000	36.2089	36.2089	0.0117	0.0000	36.5017
Total	**5.0300e-003**	**0.0218**	**0.3105**	**4.1000e-004**	**0.0000**	**6.7000e-004**	**6.7000e-004**	**0.0000**	**6.7000e-004**	**6.7000e-004**	**0.0000**	**36.2089**	**36.2089**	**0.0117**	**0.0000**	**36.5017**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8100e-003	1.3700e-003	0.0193	6.0000e-005	6.6800e-003	4.0000e-005	6.7200e-003	1.7800e-003	4.0000e-005	1.8100e-003	0.0000	5.1703	5.1703	1.3000e-004	1.3000e-004	5.2118
Total	**1.8100e-003**	**1.3700e-003**	**0.0193**	**6.0000e-005**	**6.6800e-003**	**4.0000e-005**	**6.7200e-003**	**1.7800e-003**	**4.0000e-005**	**1.8100e-003**	**0.0000**	**5.1703**	**5.1703**	**1.3000e-004**	**1.3000e-004**	**5.2118**

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					0.1283	0.0000	0.1283	0.0139	0.0000	0.0139	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4713	3.9262	5.6347	9.3900e-003		0.1720	0.1720		0.1646	0.1646	0.0000	804.5983	804.5983	0.1658	0.0000	808.7442
Total	**0.4713**	**3.9262**	**5.6347**	**9.3900e-003**	**0.1283**	**0.1720**	**0.3003**	**0.0139**	**0.1646**	**0.1784**	**0.0000**	**804.5983**	**804.5983**	**0.1658**	**0.0000**	**808.7442**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.0104	0.8898	0.1865	3.9300e-003	0.1207	5.7800e-003	0.1265	0.0331	5.5300e-003	0.0387	0.0000	392.9808	392.9808	0.0224	0.0624	412.1486
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0172	0.0130	0.1838	5.4000e-004	0.0636	3.7000e-004	0.0639	0.0169	3.4000e-004	0.0172	0.0000	49.1597	49.1597	1.2200e-003	1.2200e-003	49.5549
Total	**0.0276**	**0.9028**	**0.3702**	**4.4700e-003**	**0.1842**	**6.1500e-003**	**0.1904**	**0.0500**	**5.8700e-003**	**0.0559**	**0.0000**	**442.1405**	**442.1405**	**0.0237**	**0.0637**	**461.7036**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0577	0.0000	0.0577	6.2400e-003	0.0000	6.2400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0884	0.4754	4.9270	7.4400e-003		0.0115	0.0115		0.0115	0.0115	0.0000	648.9291	648.9291	0.1555	0.0000	652.8168
Total	**0.0884**	**0.4754**	**4.9270**	**7.4400e-003**	**0.0577**	**0.0115**	**0.0692**	**6.2400e-003**	**0.0115**	**0.0177**	**0.0000**	**648.9291**	**648.9291**	**0.1555**	**0.0000**	**652.8168**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.0104	0.8898	0.1865	3.9300e-003	0.1207	5.7800e-003	0.1265	0.0331	5.5300e-003	0.0387	0.0000	392.9808	392.9808	0.0224	0.0624	412.1486
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0172	0.0130	0.1838	5.4000e-004	0.0636	3.7000e-004	0.0639	0.0169	3.4000e-004	0.0172	0.0000	49.1597	49.1597	1.2200e-003	1.2200e-003	49.5549
Total	**0.0276**	**0.9028**	**0.3702**	**4.4700e-003**	**0.1842**	**6.1500e-003**	**0.1904**	**0.0500**	**5.8700e-003**	**0.0559**	**0.0000**	**442.1405**	**442.1405**	**0.0237**	**0.0637**	**461.7036**

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					0.1283	0.0000	0.1283	0.0139	0.0000	0.0139	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2239	1.8418	2.8575	4.8100e-003		0.0746	0.0746		0.0715	0.0715	0.0000	412.3952	412.3952	0.0844	0.0000	414.5042
Total	**0.2239**	**1.8418**	**2.8575**	**4.8100e-003**	**0.1283**	**0.0746**	**0.2030**	**0.0139**	**0.0715**	**0.0853**	**0.0000**	**412.3952**	**412.3952**	**0.0844**	**0.0000**	**414.5042**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	5.2800e-003	0.4531	0.0973	1.9800e-003	0.0619	2.9700e-003	0.0648	0.0170	2.8400e-003	0.0198	0.0000	197.8126	197.8126	0.0116	0.0314	207.4736
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.2300e-003	6.0000e-003	0.0876	2.7000e-004	0.0326	1.8000e-004	0.0328	8.6500e-003	1.7000e-004	8.8200e-003	0.0000	24.3382	24.3382	5.6000e-004	5.9000e-004	24.5269
Total	**0.0135**	**0.4591**	**0.1850**	**2.2500e-003**	**0.0944**	**3.1500e-003**	**0.0976**	**0.0256**	**3.0100e-003**	**0.0287**	**0.0000**	**222.1509**	**222.1509**	**0.0122**	**0.0320**	**232.0005**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0577	0.0000	0.0577	6.2400e-003	0.0000	6.2400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0453	0.2437	2.5251	3.8100e-003		5.8700e-003	5.8700e-003		5.8700e-003	5.8700e-003	0.0000	332.6147	332.6147	0.0795	0.0000	334.6009
Total	**0.0453**	**0.2437**	**2.5251**	**3.8100e-003**	**0.0577**	**5.8700e-003**	**0.0636**	**6.2400e-003**	**5.8700e-003**	**0.0121**	**0.0000**	**332.6147**	**332.6147**	**0.0795**	**0.0000**	**334.6009**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	5.2800e-003	0.4531	0.0973	1.9800e-003	0.0619	2.9700e-003	0.0648	0.0170	2.8400e-003	0.0198	0.0000	197.8126	197.8126	0.0116	0.0314	207.4736
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.2300e-003	6.0000e-003	0.0876	2.7000e-004	0.0326	1.8000e-004	0.0328	8.6500e-003	1.7000e-004	8.8200e-003	0.0000	24.3382	24.3382	5.6000e-004	5.9000e-004	24.5269
Total	**0.0135**	**0.4591**	**0.1850**	**2.2500e-003**	**0.0944**	**3.1500e-003**	**0.0976**	**0.0256**	**3.0100e-003**	**0.0287**	**0.0000**	**222.1509**	**222.1509**	**0.0122**	**0.0320**	**232.0005**

3.5 Utilities Trenching - 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	0.5646	4.7930	6.7641	0.0138		0.1997	0.1997		0.1893	0.1893	0.0000	1,192.3537	1,192.3537	0.2832	0.0000	1,199.4334
Total	**0.5646**	**4.7930**	**6.7641**	**0.0138**		**0.1997**	**0.1997**		**0.1893**	**0.1893**	**0.0000**	**1,192.3537**	**1,192.3537**	**0.2832**	**0.0000**	**1,199.4334**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Utilities Trenching - 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	0.0101	7.3200e-003	0.1070	3.2000e-004	0.0398	2.2000e-004	0.0400	0.0106	2.0000e-004	0.0108	0.0000	29.7217	29.7217	6.9000e-004	7.2000e-004	29.9521
Total	**0.0101**	**7.3200e-003**	**0.1070**	**3.2000e-004**	**0.0398**	**2.2000e-004**	**0.0400**	**0.0106**	**2.0000e-004**	**0.0108**	**0.0000**	**29.7217**	**29.7217**	**6.9000e-004**	**7.2000e-004**	**29.9521**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1436	0.7618	7.1830	0.0118		0.0187	0.0187		0.0187	0.0187	0.0000	1,033.9198	1,033.9198	0.2759	0.0000	1,040.8169
Total	**0.1436**	**0.7618**	**7.1830**	**0.0118**		**0.0187**	**0.0187**		**0.0187**	**0.0187**	**0.0000**	**1,033.9198**	**1,033.9198**	**0.2759**	**0.0000**	**1,040.8169**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Utilities Trenching - 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	0.0101	7.3200e-003	0.1070	3.2000e-004	0.0398	2.2000e-004	0.0400	0.0106	2.0000e-004	0.0108	0.0000	29.7217	29.7217	6.9000e-004	7.2000e-004	29.9521
Total	**0.0101**	**7.3200e-003**	**0.1070**	**3.2000e-004**	**0.0398**	**2.2000e-004**	**0.0400**	**0.0106**	**2.0000e-004**	**0.0108**	**0.0000**	**29.7217**	**29.7217**	**6.9000e-004**	**7.2000e-004**	**29.9521**

3.6 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	0.1457	1.3233	1.4804	2.8600e-003		0.0551	0.0551		0.0520	0.0520	0.0000	246.3630	246.3630	0.0596	0.0000	247.8520
Total	**0.1457**	**1.3233**	**1.4804**	**2.8600e-003**		**0.0551**	**0.0551**		**0.0520**	**0.0520**	**0.0000**	**246.3630**	**246.3630**	**0.0596**	**0.0000**	**247.8520**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	5.0000e-003	0.1890	0.0682	8.5000e-004	0.0296	9.2000e-004	0.0306	8.5500e-003	8.8000e-004	9.4300e-003	0.0000	82.7039	82.7039	2.8900e-003	0.0119	86.3287
Worker	0.0691	0.0503	0.7355	2.2300e-003	0.2734	1.5300e-003	0.2749	0.0726	1.4100e-003	0.0740	0.0000	204.2692	204.2692	4.7300e-003	4.9200e-003	205.8523
Total	**0.0741**	**0.2393**	**0.8037**	**3.0800e-003**	**0.3030**	**2.4500e-003**	**0.3055**	**0.0812**	**2.2900e-003**	**0.0835**	**0.0000**	**286.9731**	**286.9731**	**7.6200e-003**	**0.0168**	**292.1811**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0347	0.2644	1.6411	2.7200e-003		4.2100e-003	4.2100e-003		4.2100e-003	4.2100e-003	0.0000	237.2888	237.2888	0.0586	0.0000	238.7543
Total	**0.0347**	**0.2644**	**1.6411**	**2.7200e-003**		**4.2100e-003**	**4.2100e-003**		**4.2100e-003**	**4.2100e-003**	**0.0000**	**237.2888**	**237.2888**	**0.0586**	**0.0000**	**238.7543**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	5.0000e-003	0.1890	0.0682	8.5000e-004	0.0296	9.2000e-004	0.0306	8.5500e-003	8.8000e-004	9.4300e-003	0.0000	82.7039	82.7039	2.8900e-003	0.0119	86.3287
Worker	0.0691	0.0503	0.7355	2.2300e-003	0.2734	1.5300e-003	0.2749	0.0726	1.4100e-003	0.0740	0.0000	204.2692	204.2692	4.7300e-003	4.9200e-003	205.8523
Total	**0.0741**	**0.2393**	**0.8037**	**3.0800e-003**	**0.3030**	**2.4500e-003**	**0.3055**	**0.0812**	**2.2900e-003**	**0.0835**	**0.0000**	**286.9731**	**286.9731**	**7.6200e-003**	**0.0168**	**292.1811**

3.6 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	0.3842	3.4887	3.9029	7.5400e-003		0.1453	0.1453		0.1371	0.1371	0.0000	649.5024	649.5024	0.1570	0.0000	653.4281
Total	**0.3842**	**3.4887**	**3.9029**	**7.5400e-003**		**0.1453**	**0.1453**		**0.1371**	**0.1371**	**0.0000**	**649.5024**	**649.5024**	**0.1570**	**0.0000**	**653.4281**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0128	0.4946	0.1772	2.1900e-003	0.0781	2.4100e-003	0.0806	0.0226	2.3100e-003	0.0249	0.0000	213.9933	213.9933	7.6600e-003	0.0309	223.3818
Worker	0.1715	0.1203	1.8192	5.6900e-003	0.7207	3.8200e-003	0.7246	0.1914	3.5200e-003	0.1949	0.0000	522.1598	522.1598	0.0113	0.0122	526.0814
Total	**0.1844**	**0.6149**	**1.9964**	**7.8800e-003**	**0.7989**	**6.2300e-003**	**0.8051**	**0.2140**	**5.8300e-003**	**0.2198**	**0.0000**	**736.1531**	**736.1531**	**0.0190**	**0.0431**	**749.4631**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0914	0.6970	4.3266	7.1700e-003		0.0111	0.0111		0.0111	0.0111	0.0000	625.5796	625.5796	0.1545	0.0000	629.4433
Total	**0.0914**	**0.6970**	**4.3266**	**7.1700e-003**		**0.0111**	**0.0111**		**0.0111**	**0.0111**	**0.0000**	**625.5796**	**625.5796**	**0.1545**	**0.0000**	**629.4433**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0128	0.4946	0.1772	2.1900e-003	0.0781	2.4100e-003	0.0806	0.0226	2.3100e-003	0.0249	0.0000	213.9933	213.9933	7.6600e-003	0.0309	223.3818
Worker	0.1715	0.1203	1.8192	5.6900e-003	0.7207	3.8200e-003	0.7246	0.1914	3.5200e-003	0.1949	0.0000	522.1598	522.1598	0.0113	0.0122	526.0814
Total	**0.1844**	**0.6149**	**1.9964**	**7.8800e-003**	**0.7989**	**6.2300e-003**	**0.8051**	**0.2140**	**5.8300e-003**	**0.2198**	**0.0000**	**736.1531**	**736.1531**	**0.0190**	**0.0431**	**749.4631**

3.6 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	0.3842	3.4887	3.9029	7.5400e-003		0.1453	0.1453		0.1371	0.1371	0.0000	649.5024	649.5024	0.1570	0.0000	653.4281
Total	**0.3842**	**3.4887**	**3.9029**	**7.5400e-003**		**0.1453**	**0.1453**		**0.1371**	**0.1371**	**0.0000**	**649.5024**	**649.5024**	**0.1570**	**0.0000**	**653.4281**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0125	0.4909	0.1751	2.1400e-003	0.0781	2.4000e-003	0.0805	0.0226	2.3000e-003	0.0249	0.0000	209.7843	209.7843	7.6800e-003	0.0303	218.9989
Worker	0.1618	0.1099	1.7173	5.5400e-003	0.7207	3.5800e-003	0.7243	0.1914	3.3000e-003	0.1947	0.0000	507.6658	507.6658	0.0104	0.0116	511.3761
Total	**0.1744**	**0.6008**	**1.8924**	**7.6800e-003**	**0.7989**	**5.9800e-003**	**0.8049**	**0.2140**	**5.6000e-003**	**0.2196**	**0.0000**	**717.4501**	**717.4501**	**0.0180**	**0.0419**	**730.3750**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0914	0.6970	4.3266	7.1700e-003		0.0111	0.0111		0.0111	0.0111	0.0000	625.5796	625.5796	0.1545	0.0000	629.4433
Total	**0.0914**	**0.6970**	**4.3266**	**7.1700e-003**		**0.0111**	**0.0111**		**0.0111**	**0.0111**	**0.0000**	**625.5796**	**625.5796**	**0.1545**	**0.0000**	**629.4433**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0125	0.4909	0.1751	2.1400e-003	0.0781	2.4000e-003	0.0805	0.0226	2.3000e-003	0.0249	0.0000	209.7843	209.7843	7.6800e-003	0.0303	218.9989
Worker	0.1618	0.1099	1.7173	5.5400e-003	0.7207	3.5800e-003	0.7243	0.1914	3.3000e-003	0.1947	0.0000	507.6658	507.6658	0.0104	0.0116	511.3761
Total	**0.1744**	**0.6008**	**1.8924**	**7.6800e-003**	**0.7989**	**5.9800e-003**	**0.8049**	**0.2140**	**5.6000e-003**	**0.2196**	**0.0000**	**717.4501**	**717.4501**	**0.0180**	**0.0419**	**730.3750**

3.6 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	0.3827	3.4753	3.8879	7.5100e-003		0.1447	0.1447		0.1366	0.1366	0.0000	647.0139	647.0139	0.1564	0.0000	650.9246
Total	**0.3827**	**3.4753**	**3.8879**	**7.5100e-003**		**0.1447**	**0.1447**		**0.1366**	**0.1366**	**0.0000**	**647.0139**	**647.0139**	**0.1564**	**0.0000**	**650.9246**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0123	0.4858	0.1730	2.0900e-003	0.0778	2.3800e-003	0.0802	0.0225	2.2800e-003	0.0247	0.0000	204.9867	204.9867	7.7000e-003	0.0296	213.9982
Worker	0.1524	0.1008	1.6266	5.3800e-003	0.7180	3.3300e-003	0.7213	0.1907	3.0600e-003	0.1938	0.0000	492.9509	492.9509	9.4900e-003	0.0110	496.4709
Total	**0.1647**	**0.5865**	**1.7996**	**7.4700e-003**	**0.7958**	**5.7100e-003**	**0.8015**	**0.2132**	**5.3400e-003**	**0.2185**	**0.0000**	**697.9376**	**697.9376**	**0.0172**	**0.0406**	**710.4691**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0911	0.6943	4.3100	7.1400e-003		0.0111	0.0111		0.0111	0.0111	0.0000	623.1828	623.1828	0.1540	0.0000	627.0316
Total	**0.0911**	**0.6943**	**4.3100**	**7.1400e-003**		**0.0111**	**0.0111**		**0.0111**	**0.0111**	**0.0000**	**623.1828**	**623.1828**	**0.1540**	**0.0000**	**627.0316**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0123	0.4858	0.1730	2.0900e-003	0.0778	2.3800e-003	0.0802	0.0225	2.2800e-003	0.0247	0.0000	204.9867	204.9867	7.7000e-003	0.0296	213.9982
Worker	0.1524	0.1008	1.6266	5.3800e-003	0.7180	3.3300e-003	0.7213	0.1907	3.0600e-003	0.1938	0.0000	492.9509	492.9509	9.4900e-003	0.0110	496.4709
Total	**0.1647**	**0.5865**	**1.7996**	**7.4700e-003**	**0.7958**	**5.7100e-003**	**0.8015**	**0.2132**	**5.3400e-003**	**0.2185**	**0.0000**	**697.9376**	**697.9376**	**0.0172**	**0.0406**	**710.4691**

3.6 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	0.3842	3.4887	3.9029	7.5400e-003		0.1453	0.1453		0.1371	0.1371	0.0000	649.5024	649.5024	0.1570	0.0000	653.4281
Total	**0.3842**	**3.4887**	**3.9029**	**7.5400e-003**		**0.1453**	**0.1453**		**0.1371**	**0.1371**	**0.0000**	**649.5024**	**649.5024**	**0.1570**	**0.0000**	**653.4281**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0121	0.4842	0.1725	2.0600e-003	0.0781	2.3700e-003	0.0805	0.0226	2.2700e-003	0.0248	0.0000	201.9224	201.9224	7.7900e-003	0.0292	210.8067
Worker	0.1443	0.0934	1.5577	5.2700e-003	0.7207	3.1100e-003	0.7238	0.1914	2.8600e-003	0.1943	0.0000	483.4162	483.4162	8.7800e-003	0.0106	486.7964
Total	**0.1564**	**0.5776**	**1.7302**	**7.3300e-003**	**0.7989**	**5.4800e-003**	**0.8044**	**0.2140**	**5.1300e-003**	**0.2191**	**0.0000**	**685.3386**	**685.3386**	**0.0166**	**0.0398**	**697.6032**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0914	0.6970	4.3266	7.1700e-003		0.0111	0.0111		0.0111	0.0111	0.0000	625.5796	625.5796	0.1545	0.0000	629.4433
Total	**0.0914**	**0.6970**	**4.3266**	**7.1700e-003**		**0.0111**	**0.0111**		**0.0111**	**0.0111**	**0.0000**	**625.5796**	**625.5796**	**0.1545**	**0.0000**	**629.4433**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0121	0.4842	0.1725	2.0600e-003	0.0781	2.3700e-003	0.0805	0.0226	2.2700e-003	0.0248	0.0000	201.9224	201.9224	7.7900e-003	0.0292	210.8067
Worker	0.1443	0.0934	1.5577	5.2700e-003	0.7207	3.1100e-003	0.7238	0.1914	2.8600e-003	0.1943	0.0000	483.4162	483.4162	8.7800e-003	0.0106	486.7964
Total	**0.1564**	**0.5776**	**1.7302**	**7.3300e-003**	**0.7989**	**5.4800e-003**	**0.8044**	**0.2140**	**5.1300e-003**	**0.2191**	**0.0000**	**685.3386**	**685.3386**	**0.0166**	**0.0398**	**697.6032**

3.6 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	0.3690	1.9579	3.7851	8.4300e-003		0.0487	0.0487		0.0487	0.0487	0.0000	716.9026	716.9026	0.0297	0.0000	717.6453
Total	**0.3690**	**1.9579**	**3.7851**	**8.4300e-003**		**0.0487**	**0.0487**		**0.0487**	**0.0487**	**0.0000**	**716.9026**	**716.9026**	**0.0297**	**0.0000**	**717.6453**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0116	0.4663	0.1665	1.9600e-003	0.0757	2.2800e-003	0.0780	0.0219	2.1900e-003	0.0241	0.0000	192.1706	192.1706	7.6000e-003	0.0278	200.6324
Worker	0.1319	0.0840	1.4471	5.0000e-003	0.6986	2.8200e-003	0.7015	0.1856	2.5900e-003	0.1882	0.0000	458.7335	458.7335	7.8800e-003	9.9000e-003	461.8820
Total	**0.1435**	**0.5504**	**1.6135**	**6.9600e-003**	**0.7744**	**5.1000e-003**	**0.7795**	**0.2074**	**4.7800e-003**	**0.2122**	**0.0000**	**650.9041**	**650.9041**	**0.0155**	**0.0377**	**662.5143**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0886	0.6756	4.1940	8.0700e-003		0.0108	0.0108		0.0108	0.0108	0.0000	693.7130	693.7130	0.0273	0.0000	694.3955
Total	**0.0886**	**0.6756**	**4.1940**	**8.0700e-003**		**0.0108**	**0.0108**		**0.0108**	**0.0108**	**0.0000**	**693.7130**	**693.7130**	**0.0273**	**0.0000**	**694.3955**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0116	0.4663	0.1665	1.9600e-003	0.0757	2.2800e-003	0.0780	0.0219	2.1900e-003	0.0241	0.0000	192.1706	192.1706	7.6000e-003	0.0278	200.6324
Worker	0.1319	0.0840	1.4471	5.0000e-003	0.6986	2.8200e-003	0.7015	0.1856	2.5900e-003	0.1882	0.0000	458.7335	458.7335	7.8800e-003	9.9000e-003	461.8820
Total	**0.1435**	**0.5504**	**1.6135**	**6.9600e-003**	**0.7744**	**5.1000e-003**	**0.7795**	**0.2074**	**4.7800e-003**	**0.2122**	**0.0000**	**650.9041**	**650.9041**	**0.0155**	**0.0377**	**662.5143**

3.7 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	0.0360	0.3211	0.4965	8.2000e-004		0.0148	0.0148		0.0140	0.0140	0.0000	70.1540	70.1540	0.0155	0.0000	70.5426
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0360**	**0.3211**	**0.4965**	**8.2000e-004**		**0.0148**	**0.0148**		**0.0140**	**0.0140**	**0.0000**	**70.1540**	**70.1540**	**0.0155**	**0.0000**	**70.5426**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 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	1.9400e-003	1.4100e-003	0.0206	6.0000e-005	7.6700e-003	4.0000e-005	7.7100e-003	2.0400e-003	4.0000e-005	2.0800e-003	0.0000	5.7315	5.7315	1.3000e-004	1.4000e-004	5.7759
Total	**1.9400e-003**	**1.4100e-003**	**0.0206**	**6.0000e-005**	**7.6700e-003**	**4.0000e-005**	**7.7100e-003**	**2.0400e-003**	**4.0000e-005**	**2.0800e-003**	**0.0000**	**5.7315**	**5.7315**	**1.3000e-004**	**1.4000e-004**	**5.7759**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.8600e-003	0.0528	0.3843	5.1000e-004		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004	0.0000	44.5050	44.5050	0.0144	0.0000	44.8649
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.8600e-003**	**0.0528**	**0.3843**	**5.1000e-004**		**8.3000e-004**	**8.3000e-004**		**8.3000e-004**	**8.3000e-004**	**0.0000**	**44.5050**	**44.5050**	**0.0144**	**0.0000**	**44.8649**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 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	1.9400e-003	1.4100e-003	0.0206	6.0000e-005	7.6700e-003	4.0000e-005	7.7100e-003	2.0400e-003	4.0000e-005	2.0800e-003	0.0000	5.7315	5.7315	1.3000e-004	1.4000e-004	5.7759
Total	**1.9400e-003**	**1.4100e-003**	**0.0206**	**6.0000e-005**	**7.6700e-003**	**4.0000e-005**	**7.7100e-003**	**2.0400e-003**	**4.0000e-005**	**2.0800e-003**	**0.0000**	**5.7315**	**5.7315**	**1.3000e-004**	**1.4000e-004**	**5.7759**

3.8 Architectural Coating - P1A Equip & AC - 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					
Archit. Coating	0.4049					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1208	0.7962	0.9758	1.8100e-003		0.0338	0.0338		0.0338	0.0338	0.0000	139.9740	139.9740	9.8100e-003	0.0000	140.2193
Total	**0.5257**	**0.7962**	**0.9758**	**1.8100e-003**		**0.0338**	**0.0338**		**0.0338**	**0.0338**	**0.0000**	**139.9740**	**139.9740**	**9.8100e-003**	**0.0000**	**140.2193**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - P1A Equip & AC - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0215	0.0142	0.2294	7.6000e-004	0.1013	4.7000e-004	0.1017	0.0269	4.3000e-004	0.0273	0.0000	69.5300	69.5300	1.3400e-003	1.5500e-003	70.0265
Total	**0.0215**	**0.0142**	**0.2294**	**7.6000e-004**	**0.1013**	**4.7000e-004**	**0.1017**	**0.0269**	**4.3000e-004**	**0.0273**	**0.0000**	**69.5300**	**69.5300**	**1.3400e-003**	**1.5500e-003**	**70.0265**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4049					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0109	0.0471	0.6707	1.2900e-003		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003	0.0000	106.4280	106.4280	6.3300e-003	0.0000	106.5863
Total	**0.4157**	**0.0471**	**0.6707**	**1.2900e-003**		**1.4500e-003**	**1.4500e-003**		**1.4500e-003**	**1.4500e-003**	**0.0000**	**106.4280**	**106.4280**	**6.3300e-003**	**0.0000**	**106.5863**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - P1A Equip & AC - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0215	0.0142	0.2294	7.6000e-004	0.1013	4.7000e-004	0.1017	0.0269	4.3000e-004	0.0273	0.0000	69.5300	69.5300	1.3400e-003	1.5500e-003	70.0265
Total	**0.0215**	**0.0142**	**0.2294**	**7.6000e-004**	**0.1013**	**4.7000e-004**	**0.1017**	**0.0269**	**4.3000e-004**	**0.0273**	**0.0000**	**69.5300**	**69.5300**	**1.3400e-003**	**1.5500e-003**	**70.0265**

3.8 Architectural Coating - P1A Equip & AC - 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					
Archit. Coating	0.5774					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1723	1.1356	1.3916	2.5800e-003		0.0482	0.0482		0.0482	0.0482	0.0000	199.6350	199.6350	0.0140	0.0000	199.9849
Total	**0.7497**	**1.1356**	**1.3916**	**2.5800e-003**		**0.0482**	**0.0482**		**0.0482**	**0.0482**	**0.0000**	**199.6350**	**199.6350**	**0.0140**	**0.0000**	**199.9849**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - P1A Equip & AC - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0289	0.0187	0.3122	1.0600e-003	0.1444	6.2000e-004	0.1451	0.0384	5.7000e-004	0.0389	0.0000	96.8751	96.8751	1.7600e-003	2.1300e-003	97.5525
Total	**0.0289**	**0.0187**	**0.3122**	**1.0600e-003**	**0.1444**	**6.2000e-004**	**0.1451**	**0.0384**	**5.7000e-004**	**0.0389**	**0.0000**	**96.8751**	**96.8751**	**1.7600e-003**	**2.1300e-003**	**97.5525**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5774					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0155	0.0672	0.9565	1.8400e-003		2.0700e-003	2.0700e-003		2.0700e-003	2.0700e-003	0.0000	151.7908	151.7908	9.0300e-003	0.0000	152.0165
Total	**0.5929**	**0.0672**	**0.9565**	**1.8400e-003**		**2.0700e-003**	**2.0700e-003**		**2.0700e-003**	**2.0700e-003**	**0.0000**	**151.7908**	**151.7908**	**9.0300e-003**	**0.0000**	**152.0165**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - P1A Equip & AC - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0289	0.0187	0.3122	1.0600e-003	0.1444	6.2000e-004	0.1451	0.0384	5.7000e-004	0.0389	0.0000	96.8751	96.8751	1.7600e-003	2.1300e-003	97.5525
Total	**0.0289**	**0.0187**	**0.3122**	**1.0600e-003**	**0.1444**	**6.2000e-004**	**0.1451**	**0.0384**	**5.7000e-004**	**0.0389**	**0.0000**	**96.8751**	**96.8751**	**1.7600e-003**	**2.1300e-003**	**97.5525**

3.8 Architectural Coating - P1A Equip & AC - 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	0.5619					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1468	0.9546	1.3478	2.5100e-003		0.0307	0.0307		0.0307	0.0307	0.0000	194.2808	194.2808	0.0118	0.0000	194.5749
Total	**0.7087**	**0.9546**	**1.3478**	**2.5100e-003**		**0.0307**	**0.0307**		**0.0307**	**0.0307**	**0.0000**	**194.2808**	**194.2808**	**0.0118**	**0.0000**	**194.5749**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - P1A Equip & AC - 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	0.0265	0.0169	0.2911	1.0100e-003	0.1406	5.7000e-004	0.1411	0.0373	5.2000e-004	0.0379	0.0000	92.2921	92.2921	1.5800e-003	1.9900e-003	92.9255
Total	**0.0265**	**0.0169**	**0.2911**	**1.0100e-003**	**0.1406**	**5.7000e-004**	**0.1411**	**0.0373**	**5.2000e-004**	**0.0379**	**0.0000**	**92.2921**	**92.2921**	**1.5800e-003**	**1.9900e-003**	**92.9255**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5619					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0151	0.0654	0.9309	1.7900e-003		2.0100e-003	2.0100e-003		2.0100e-003	2.0100e-003	0.0000	147.7198	147.7198	6.9300e-003	0.0000	147.8930
Total	**0.5770**	**0.0654**	**0.9309**	**1.7900e-003**		**2.0100e-003**	**2.0100e-003**		**2.0100e-003**	**2.0100e-003**	**0.0000**	**147.7198**	**147.7198**	**6.9300e-003**	**0.0000**	**147.8930**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - P1A Equip & AC - 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	0.0265	0.0169	0.2911	1.0100e-003	0.1406	5.7000e-004	0.1411	0.0373	5.2000e-004	0.0379	0.0000	92.2921	92.2921	1.5800e-003	1.9900e-003	92.9255
Total	**0.0265**	**0.0169**	**0.2911**	**1.0100e-003**	**0.1406**	**5.7000e-004**	**0.1411**	**0.0373**	**5.2000e-004**	**0.0379**	**0.0000**	**92.2921**	**92.2921**	**1.5800e-003**	**1.9900e-003**	**92.9255**

3.9 Architectural Coating - P1B just AC - 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					
Archit. Coating	0.4868					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	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	**0.4868**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P1B just AC - 2028

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4868					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	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	**0.4868**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P1B just AC - 2028

Mitigated Construction Off-Site

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

3.9 Architectural Coating - P1B just AC - 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					
Archit. Coating	0.6942					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	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	**0.6942**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P1B just AC - 2029

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6942					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	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	**0.6942**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P1B just AC - 2029

Mitigated Construction Off-Site

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

3.9 Architectural Coating - P1B just AC - 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	0.6756					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	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	**0.6756**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P1B just AC - 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	0.0000	0.0000	0.0000	0.0000	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**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6756					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	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	**0.6756**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P1B just AC - 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	0.0000	0.0000	0.0000	0.0000	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**	**0.0000**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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
Apartments Mid Rise	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Condo/Townhouse	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
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
Apartments Mid Rise	0.00	0.00	0.00	40.20	19.20	40.60	86	11	3
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse	0.00	0.00	0.00	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4

4.4 Fleet Mix

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294
City Park	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294
Condo/Townhouse	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294
Enclosed Parking with Elevator	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294
General Office Building	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294

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

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	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
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	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
Enclosed Parking with Elevator	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
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**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	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
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	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
Enclosed Parking with Elevator	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
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**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6342	0.0000	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	1.6342	0.0000	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	1.6342					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	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	**1.6342**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	1.6342					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	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	**1.6342**	**0.0000**	**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

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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			
Apartments Mid Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
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

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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			
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
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

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

OSP - Phase 1 Mitigation

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	32.00	1000sqft	0.00	32,000.00	0
Enclosed Parking with Elevator	587.00	Space	0.00	235,305.00	0
City Park	1.50	Acre	1.50	65,340.00	0
Apartments Mid Rise	343.00	Dwelling Unit	5.81	343,000.00	981
Condo/Townhouse	32.00	Dwelling Unit	0.00	32,000.00	92

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2031
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - See Assumptions

Construction Phase - see Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - Just architectural coating emissions for Phase 1 B as equipment and timing would be the same for Scenario B just different number of units and sqft of comm/retail

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Trips and VMT - See assumptions

Demolition - See Assumptions

Grading - See Assumptions

Architectural Coating - See Assumptions - P1B is architectural coating areas for Scenario B.

Vehicle Trips - Operational modeled separately

Road Dust - Operational modeled separately

Woodstoves - Operational modeled separately

Consumer Products - Operational modeled separately

Area Coating - Operational modeled separately

Landscape Equipment - Operational modeled separately

Energy Use - Operational modeled separately

Water And Wastewater - Operational modeled separately

Solid Waste - Operational modeled separately

Construction Off-road Equipment Mitigation - See Assumptions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	36,487.00	44,085.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	109,461.00	132,254.00
tblArchitecturalCoating	ConstArea_Parking	14,118.00	17,280.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	253,125.00	303,750.00
tblArchitecturalCoating	ConstArea_Residential_Interior	759,375.00	911,250.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	28.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	121.00
tblConstructionPhase	NumDays	10.00	61.00
tblConstructionPhase	NumDays	20.00	121.00
tblConstructionPhase	NumDays	230.00	1,395.00
tblConstructionPhase	NumDays	20.00	698.00
tblConstructionPhase	NumDays	20.00	698.00
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1.75	0.00
tblEnergyUse	LightingElect	3.77	0.00
tblEnergyUse	NT24E	3,054.10	0.00
tblEnergyUse	NT24E	3,795.01	0.00
tblEnergyUse	NT24E	0.19	0.00
tblEnergyUse	NT24E	4.62	0.00
tblEnergyUse	NT24NG	4,831.00	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblEnergyUse	NT24NG	4,831.00	0.00
tblEnergyUse	NT24NG	0.39	0.00
tblEnergyUse	T24E	35.05	0.00
tblEnergyUse	T24E	39.19	0.00
tblEnergyUse	T24E	3.50	0.00
tblEnergyUse	T24E	4.11	0.00
tblEnergyUse	T24NG	4,179.80	0.00
tblEnergyUse	T24NG	12,162.60	0.00
tblEnergyUse	T24NG	9.92	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	NumberGas	291.55	0.00
tblFireplaces	NumberGas	27.20	0.00
tblFireplaces	NumberNoFireplace	34.30	0.00
tblFireplaces	NumberNoFireplace	3.20	0.00
tblFireplaces	NumberWood	17.15	0.00
tblFireplaces	NumberWood	1.60	0.00
tblGrading	MaterialImported	0.00	135,881.00
tblLandscapeEquipment	NumberSummerDays	250	0
tblLandUse	LandUseSquareFeet	234,800.00	235,305.00
tblLandUse	LotAcreage	0.73	0.00
tblLandUse	LotAcreage	5.28	0.00
tblLandUse	LotAcreage	9.03	5.81
tblLandUse	LotAcreage	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblSolidWaste	SolidWasteGenerationRate	157.78	0.00
tblSolidWaste	SolidWasteGenerationRate	0.13	0.00
tblSolidWaste	SolidWasteGenerationRate	14.72	0.00
tblSolidWaste	SolidWasteGenerationRate	29.76	0.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	13,435.00	8,493.00
tblTripsAndVMT	WorkerTripNumber	10.00	20.00
tblTripsAndVMT	WorkerTripNumber	140.00	60.00
tblTripsAndVMT	WorkerTripNumber	407.00	504.00

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblTripsAndVMT	WorkerTripNumber	81.00	101.00
tblTripsAndVMT	WorkerTripNumber	81.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	8.14	0.00
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	6.28	0.00
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	7.32	0.00
tblVehicleTrips	WD_TR	9.74	0.00
tblWater	IndoorWaterUseRate	22,347,830.79	0.00
tblWater	IndoorWaterUseRate	2,084,928.82	0.00
tblWater	IndoorWaterUseRate	5,687,479.94	0.00
tblWater	OutdoorWaterUseRate	14,088,849.84	0.00
tblWater	OutdoorWaterUseRate	1,787,222.02	0.00
tblWater	OutdoorWaterUseRate	1,314,411.65	0.00
tblWater	OutdoorWaterUseRate	3,485,874.80	0.00
tblWoodstoves	NumberCatalytic	17.15	0.00
tblWoodstoves	NumberCatalytic	1.60	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblWoodstoves	NumberNoncatalytic	17.15	0.00
tblWoodstoves	NumberNoncatalytic	1.60	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	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	12.4798	119.5163	150.3877	0.3470	6.8112	4.4535	11.2646	1.5002	4.2610	5.7612	0.0000	34,409.6430	34,409.6430	5.2218	1.7514	35,062.1078
2025	11.5858	111.0420	148.6571	0.3446	7.0245	3.7942	10.6054	1.8768	3.6320	5.1323	0.0000	34,170.6889	34,170.6889	5.1922	1.7194	34,812.8732
2026	4.3649	31.1607	46.0059	0.1199	6.2421	1.1611	7.4032	1.6693	1.0955	2.7647	0.0000	11,879.0415	11,879.0415	1.4853	0.3555	12,022.1167
2027	4.2864	31.0636	45.1578	0.1183	6.2421	1.1592	7.4013	1.6693	1.0937	2.7630	0.0000	11,715.9748	11,715.9748	1.4773	0.3457	11,855.9330
2028	15.5159	39.8207	57.7737	0.1453	7.3710	1.5319	8.9029	1.9687	1.4661	3.4348	0.0000	14,126.6613	14,126.6613	1.6048	0.3542	14,272.3227
2029	15.4328	39.7333	57.0301	0.1437	7.3710	1.5297	8.9007	1.9687	1.4641	3.4327	0.0000	13,973.5253	13,973.5253	1.5978	0.3453	14,116.3825
2030	15.1632	27.2146	56.3526	0.1513	7.3710	0.6708	8.0418	1.9687	0.6679	2.6365	0.0000	14,595.9564	14,595.9564	0.5081	0.3373	14,709.1739
Maximum	**15.5159**	**119.5163**	**150.3877**	**0.3470**	**7.3710**	**4.4535**	**11.2646**	**1.9687**	**4.2610**	**5.7612**	**0.0000**	**34,409.6430**	**34,409.6430**	**5.2218**	**1.7514**	**35,062.1078**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.9081	33.2463	132.6949	0.2983	5.6446	0.4404	6.0850	1.3742	0.4334	1.8076	0.0000	30,119.7653	30,119.7653	4.9372	1.7514	30,765.1157
2025	3.0889	33.0822	132.4397	0.2960	7.0245	0.4402	7.2464	1.8768	0.4332	2.0950	0.0000	29,880.8112	29,880.8112	5.0389	1.7194	30,516.3924
2026	2.1217	9.7688	49.2528	0.1171	6.2421	0.1328	6.3749	1.6693	0.1297	1.7990	0.0000	11,676.9763	11,676.9763	1.4644	0.3555	11,819.5269
2027	2.0433	9.6716	48.4048	0.1154	6.2421	0.1309	6.3730	1.6693	0.1280	1.7972	0.0000	11,513.9095	11,513.9095	1.4563	0.3457	11,653.3433
2028	12.0711	10.2417	57.6864	0.1367	7.3710	0.1499	7.5210	1.9687	0.1467	2.1154	0.0000	13,520.4655	13,520.4655	1.5419	0.3542	13,664.5536
2029	11.9880	10.1543	56.9428	0.1352	7.3710	0.1477	7.5188	1.9687	0.1447	2.1133	0.0000	13,367.3295	13,367.3295	1.5349	0.3453	13,508.6134
2030	11.9097	10.0769	56.3019	0.1427	7.3710	0.1457	7.5168	1.9687	0.1428	2.1115	0.0000	13,989.7606	13,989.7606	0.4451	0.3373	14,101.4048
Maximum	**12.0711**	**33.2463**	**132.6949**	**0.2983**	**7.3710**	**0.4404**	**7.5210**	**1.9687**	**0.4334**	**2.1154**	**0.0000**	**30,119.7653**	**30,119.7653**	**5.0389**	**1.7514**	**30,765.1157**

	ROG	NOx	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	**41.48**	**70.91**	**4.92**	**9.39**	**2.41**	**88.90**	**22.21**	**1.00**	**88.61**	**46.62**	**0.00**	**8.01**	**8.01**	**3.91**	**0.00**	**7.91**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	9.8832	0.3563	30.9193	1.6400e-003		0.1718	0.1718		0.1718	0.1718	0.0000	55.8429	55.8429	0.0534	0.0000	57.1785
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	0.0000
Total	**9.8832**	**0.3563**	**30.9193**	**1.6400e-003**	**0.0000**	**0.1718**	**0.1718**	**0.0000**	**0.1718**	**0.1718**	**0.0000**	**55.8429**	**55.8429**	**0.0534**	**0.0000**	**57.1785**

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	9.8832	0.3563	30.9193	1.6400e-003		0.1718	0.1718		0.1718	0.1718	0.0000	55.8429	55.8429	0.0534	0.0000	57.1785
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	0.0000
Total	**9.8832**	**0.3563**	**30.9193**	**1.6400e-003**	**0.0000**	**0.1718**	**0.1718**	**0.0000**	**0.1718**	**0.1718**	**0.0000**	**55.8429**	**55.8429**	**0.0534**	**0.0000**	**57.1785**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	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	6/17/2024	5	121	
2	Site Preparation	Site Preparation	6/18/2024	9/10/2024	5	61	
3	Grading	Grading	9/11/2024	2/26/2025	5	121	
4	Utilities Trenching	Trenching	2/27/2025	8/14/2025	5	121	
5	Building Construction	Building Construction	8/15/2025	12/19/2030	5	1395	
6	Paving	Paving	8/15/2025	9/11/2025	5	20	
7	Architectural Coating - P1A Equip & AC	Architectural Coating	4/19/2028	12/20/2030	5	698	
8	Architectural Coating - P1B just AC	Architectural Coating	4/19/2028	12/20/2030	5	698	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 242

Acres of Paving: 0

Residential Indoor: 759,375; Residential Outdoor: 253,125; Non-Residential Indoor: 109,461; Non-Residential Outdoor: 36,487; Striped Parking Area: 14,118 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Concrete/Industrial Saws	4	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Demolition	Excavators	8	8.00	158	0.38
Demolition	Generator Sets	4	8.00	84	0.74
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	4	8.00	203	0.36
Demolition	Sweepers/Scrubbers	4	4.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	8	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site Preparation	Trenchers	4	8.00	78	0.50
Grading	Air Compressors	8	8.00	78	0.48
Grading	Excavators	0	8.00	158	0.38
Grading	Excavators	8	8.00	158	0.38
Grading	Generator Sets	4	8.00	84	0.74
Grading	Graders	0	8.00	187	0.41
Grading	Plate Compactors	4	8.00	8	0.43
Grading	Pumps	4	8.00	84	0.74
Grading	Rough Terrain Forklifts	4	8.00	100	0.40
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Sweepers/Scrubbers	4	4.00	64	0.46
Grading	Tractors/Loaders/Backhoes	12	8.00	97	0.37
Grading	Welders	8	8.00	46	0.45
Utilities Trenching	Air Compressors	4	8.00	78	0.48
Utilities Trenching	Concrete/Industrial Saws	4	8.00	81	0.73
Utilities Trenching	Excavators	4	8.00	158	0.38
Utilities Trenching	Generator Sets	4	8.00	84	0.74
Utilities Trenching	Paving Equipment	4	8.00	132	0.36
Utilities Trenching	Rollers	4	8.00	80	0.38
Utilities Trenching	Rubber Tired Loaders	8	8.00	203	0.36

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Utilities Trenching	Signal Boards	8	8.00	6	0.82
Utilities Trenching	Surfacing Equipment	4	8.00	263	0.30
Utilities Trenching	Sweepers/Scrubbers	4	4.00	64	0.46
Utilities Trenching	Tractors/Loaders/Backhoes	8	8.00	97	0.37
Building Construction	Air Compressors	4	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	4	8.00	9	0.56
Building Construction	Cranes	4	7.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Rough Terrain Forklifts	4	8.00	100	0.40
Building Construction	Sweepers/Scrubbers	4	4.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Generator Sets	4	8.00	84	0.74
Paving	Pavers	4	8.00	130	0.42
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Plate Compactors	4	8.00	8	0.43
Paving	Rollers	4	8.00	80	0.38
Paving	Signal Boards	4	8.00	6	0.82
Paving	Sweepers/Scrubbers	4	4.00	64	0.46
Architectural Coating - P1A Equip & AC	Air Compressors	4	6.00	78	0.48
Architectural Coating - P1A Equip & AC	Cement and Mortar Mixers	8	8.00	9	0.56
Architectural Coating - P1A Equip & AC	Pressure Washers	4	8.00	13	0.30
Architectural Coating - P1B just AC	Air Compressors	0	6.00	78	0.48

Trips and VMT

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	32	80.00	0.00	711.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	4	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	58	145.00	0.00	8,493.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Utilities Trenching	56	60.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	20	504.00	95.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	28	70.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - P1A Equip & AC	16	101.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - P1B just AC	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

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					1.2714	0.0000	1.2714	0.1925	0.0000	0.1925			0.0000			0.0000
Off-Road	6.3457	55.1726	83.0800	0.1477		2.4769	2.4769		2.3495	2.3495		14,193.4630	14,193.4630	3.2312		14,274.2434
Total	**6.3457**	**55.1726**	**83.0800**	**0.1477**	**1.2714**	**2.4769**	**3.7482**	**0.1925**	**2.3495**	**2.5420**		**14,193.4630**	**14,193.4630**	**3.2312**		**14,274.2434**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	lb/day										lb/day					
Hauling	0.0222	1.7640	0.3894	8.2300e-003	0.2570	0.0121	0.2691	0.0704	0.0116	0.0820		906.4508	906.4508	0.0518	0.1440	950.6622
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2385	0.1593	2.6866	7.6900e-003	0.8942	5.1500e-003	0.8994	0.2372	4.7400e-003	0.2419		777.3841	777.3841	0.0183	0.0172	782.9572
Total	**0.2607**	**1.9233**	**3.0760**	**0.0159**	**1.1512**	**0.0173**	**1.1684**	**0.3076**	**0.0163**	**0.3239**		**1,683.8349**	**1,683.8349**	**0.0700**	**0.1612**	**1,733.6194**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.5721	0.0000	0.5721	0.0866	0.0000	0.0866			0.0000			0.0000
Off-Road	1.4964	8.7896	80.7000	0.1214		0.1912	0.1912		0.1912	0.1912	0.0000	11,701.3247	11,701.3247	3.1304		11,779.5836
Total	**1.4964**	**8.7896**	**80.7000**	**0.1214**	**0.5721**	**0.1912**	**0.7633**	**0.0866**	**0.1912**	**0.2778**	**0.0000**	**11,701.3247**	**11,701.3247**	**3.1304**		**11,779.5836**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	lb/day										lb/day					
Hauling	0.0222	1.7640	0.3894	8.2300e-003	0.2570	0.0121	0.2691	0.0704	0.0116	0.0820		906.4508	906.4508	0.0518	0.1440	950.6622
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2385	0.1593	2.6866	7.6900e-003	0.8942	5.1500e-003	0.8994	0.2372	4.7400e-003	0.2419		777.3841	777.3841	0.0183	0.0172	782.9572
Total	**0.2607**	**1.9233**	**3.0760**	**0.0159**	**1.1512**	**0.0173**	**1.1684**	**0.3076**	**0.0163**	**0.3239**		**1,683.8349**	**1,683.8349**	**0.0700**	**0.1612**	**1,733.6194**

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.3600	12.6376	10.3687	0.0135		0.8743	0.8743		0.8044	0.8044		1,308.6402	1,308.6402	0.4232		1,319.2212
Total	**1.3600**	**12.6376**	**10.3687**	**0.0135**	**0.0000**	**0.8743**	**0.8743**	**0.0000**	**0.8044**	**0.8044**		**1,308.6402**	**1,308.6402**	**0.4232**		**1,319.2212**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0596	0.0398	0.6717	1.9200e-003	0.2236	1.2900e-003	0.2248	0.0593	1.1900e-003	0.0605		194.3460	194.3460	4.5600e-003	4.2900e-003	195.7393
Total	**0.0596**	**0.0398**	**0.6717**	**1.9200e-003**	**0.2236**	**1.2900e-003**	**0.2248**	**0.0593**	**1.1900e-003**	**0.0605**		**194.3460**	**194.3460**	**4.5600e-003**	**4.2900e-003**	**195.7393**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1651	0.7154	10.1801	0.0135		0.0220	0.0220		0.0220	0.0220	0.0000	1,308.6402	1,308.6402	0.4232		1,319.2212
Total	**0.1651**	**0.7154**	**10.1801**	**0.0135**	**0.0000**	**0.0220**	**0.0220**	**0.0000**	**0.0220**	**0.0220**	**0.0000**	**1,308.6402**	**1,308.6402**	**0.4232**		**1,319.2212**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0596	0.0398	0.6717	1.9200e-003	0.2236	1.2900e-003	0.2248	0.0593	1.1900e-003	0.0605		194.3460	194.3460	4.5600e-003	4.2900e-003	195.7393
Total	**0.0596**	**0.0398**	**0.6717**	**1.9200e-003**	**0.2236**	**1.2900e-003**	**0.2248**	**0.0593**	**1.1900e-003**	**0.0605**		**194.3460**	**194.3460**	**4.5600e-003**	**4.2900e-003**	**195.7393**

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					2.1210	0.0000	2.1210	0.2290	0.0000	0.2290			0.0000			0.0000
Off-Road	11.7826	98.1559	140.8669	0.2347		4.2996	4.2996		4.1141	4.1141		22,172.9459	22,172.9459	4.5701		22,287.1972
Total	**11.7826**	**98.1559**	**140.8669**	**0.2347**	**2.1210**	**4.2996**	**6.4206**	**0.2290**	**4.1141**	**4.3431**		**22,172.9459**	**22,172.9459**	**4.5701**		**22,287.1972**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	lb/day										lb/day					
Hauling	0.2649	21.0717	4.6514	0.0984	3.0694	0.1446	3.2139	0.8414	0.1383	0.9796		10,827.6884	10,827.6884	0.6187	1.7203	11,355.8008
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4323	0.2887	4.8695	0.0139	1.6208	9.3300e-003	1.6301	0.4298	8.5900e-003	0.4384		1,409.0086	1,409.0086	0.0331	0.0311	1,419.1099
Total	**0.6972**	**21.3604**	**9.5208**	**0.1123**	**4.6902**	**0.1539**	**4.8440**	**1.2712**	**0.1469**	**1.4181**		**12,236.6970**	**12,236.6970**	**0.6518**	**1.7514**	**12,774.9107**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9545	0.0000	0.9545	0.1031	0.0000	0.1031			0.0000			0.0000
Off-Road	2.2109	11.8858	123.1741	0.1860		0.2865	0.2865		0.2865	0.2865	0.0000	17,883.0683	17,883.0683	4.2855		17,990.2050
Total	**2.2109**	**11.8858**	**123.1741**	**0.1860**	**0.9545**	**0.2865**	**1.2409**	**0.1031**	**0.2865**	**0.3895**	**0.0000**	**17,883.0683**	**17,883.0683**	**4.2855**		**17,990.2050**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	lb/day										lb/day					
Hauling	0.2649	21.0717	4.6514	0.0984	3.0694	0.1446	3.2139	0.8414	0.1383	0.9796		10,827.6884	10,827.6884	0.6187	1.7203	11,355.8008
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4323	0.2887	4.8695	0.0139	1.6208	9.3300e-003	1.6301	0.4298	8.5900e-003	0.4384		1,409.0086	1,409.0086	0.0331	0.0311	1,419.1099
Total	**0.6972**	**21.3604**	**9.5208**	**0.1123**	**4.6902**	**0.1539**	**4.8440**	**1.2712**	**0.1469**	**1.4181**		**12,236.6970**	**12,236.6970**	**0.6518**	**1.7514**	**12,774.9107**

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					2.1210	0.0000	2.1210	0.2290	0.0000	0.2290			0.0000			0.0000
Off-Road	10.9200	89.8457	139.3914	0.2347		3.6405	3.6405		3.4853	3.4853		22,175.0189	22,175.0189	4.5362		22,288.4242
Total	**10.9200**	**89.8457**	**139.3914**	**0.2347**	**2.1210**	**3.6405**	**5.7615**	**0.2290**	**3.4853**	**3.7143**		**22,175.0189**	**22,175.0189**	**4.5362**		**22,288.4242**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.2617	20.9371	4.7369	0.0965	3.0695	0.1448	3.2143	0.8414	0.1386	0.9799		10,634.6603	10,634.6603	0.6261	1.6903	11,154.0313
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4041	0.2593	4.5288	0.0135	1.6208	8.8800e-003	1.6296	0.4298	8.1800e-003	0.4380		1,361.0097	1,361.0097	0.0298	0.0291	1,370.4176
Total	**0.6659**	**21.1964**	**9.2656**	**0.1099**	**4.6902**	**0.1537**	**4.8439**	**1.2712**	**0.1467**	**1.4179**		**11,995.6700**	**11,995.6700**	**0.6559**	**1.7194**	**12,524.4489**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9545	0.0000	0.9545	0.1031	0.0000	0.1031			0.0000			0.0000
Off-Road	2.2109	11.8858	123.1741	0.1860		0.2865	0.2865		0.2865	0.2865	0.0000	17,885.1412	17,885.1412	4.2721		17,991.9434
Total	**2.2109**	**11.8858**	**123.1741**	**0.1860**	**0.9545**	**0.2865**	**1.2409**	**0.1031**	**0.2865**	**0.3895**	**0.0000**	**17,885.1412**	**17,885.1412**	**4.2721**		**17,991.9434**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.2617	20.9371	4.7369	0.0965	3.0695	0.1448	3.2143	0.8414	0.1386	0.9799		10,634.6603	10,634.6603	0.6261	1.6903	11,154.0313
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4041	0.2593	4.5288	0.0135	1.6208	8.8800e-003	1.6296	0.4298	8.1800e-003	0.4380		1,361.0097	1,361.0097	0.0298	0.0291	1,370.4176
Total	**0.6659**	**21.1964**	**9.2656**	**0.1099**	**4.6902**	**0.1537**	**4.8439**	**1.2712**	**0.1467**	**1.4179**		**11,995.6700**	**11,995.6700**	**0.6559**	**1.7194**	**12,524.4489**

3.5 Utilities Trenching - 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	9.3321	79.2224	111.8040	0.2274		3.3013	3.3013		3.1283	3.1283		21,724.7108	21,724.7108	5.1596		21,853.7017
Total	**9.3321**	**79.2224**	**111.8040**	**0.2274**		**3.3013**	**3.3013**		**3.1283**	**3.1283**		**21,724.7108**	**21,724.7108**	**5.1596**		**21,853.7017**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Utilities Trenching - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1672	0.1073	1.8740	5.5700e-003	0.6707	3.6800e-003	0.6743	0.1779	3.3800e-003	0.1813		563.1764	563.1764	0.0123	0.0120	567.0694
Total	**0.1672**	**0.1073**	**1.8740**	**5.5700e-003**	**0.6707**	**3.6800e-003**	**0.6743**	**0.1779**	**3.3800e-003**	**0.1813**		**563.1764**	**563.1764**	**0.0123**	**0.0120**	**567.0694**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3738	12.5920	118.7281	0.1955		0.3082	0.3082		0.3082	0.3082	0.0000	18,838.0642	18,838.0642	5.0266		18,963.7288
Total	**2.3738**	**12.5920**	**118.7281**	**0.1955**		**0.3082**	**0.3082**		**0.3082**	**0.3082**	**0.0000**	**18,838.0642**	**18,838.0642**	**5.0266**		**18,963.7288**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Utilities Trenching - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1672	0.1073	1.8740	5.5700e-003	0.6707	3.6800e-003	0.6743	0.1779	3.3800e-003	0.1813		563.1764	563.1764	0.0123	0.0120	567.0694
Total	**0.1672**	**0.1073**	**1.8740**	**5.5700e-003**	**0.6707**	**3.6800e-003**	**0.6743**	**0.1779**	**3.3800e-003**	**0.1813**		**563.1764**	**563.1764**	**0.0123**	**0.0120**	**567.0694**

3.6 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	2.9437	26.7330	29.9069	0.0578		1.1134	1.1134		1.0509	1.0509		5,486.2362	5,486.2362	1.3264		5,519.3961
Total	**2.9437**	**26.7330**	**29.9069**	**0.0578**		**1.1134**	**1.1134**		**1.0509**	**1.0509**		**5,486.2362**	**5,486.2362**	**1.3264**		**5,519.3961**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.1031	3.6365	1.3572	0.0171	0.6085	0.0185	0.6270	0.1752	0.0177	0.1929		1,840.3674	1,840.3674	0.0645	0.2651	1,920.9669
Worker	1.4047	0.9013	15.7414	0.0468	5.6335	0.0309	5.6644	1.4940	0.0284	1.5225		4,730.6821	4,730.6821	0.1037	0.1010	4,763.3827
Total	**1.5077**	**4.5378**	**17.0986**	**0.0639**	**6.2421**	**0.0494**	**6.2915**	**1.6693**	**0.0461**	**1.7154**		**6,571.0495**	**6,571.0495**	**0.1681**	**0.3661**	**6,684.3496**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7005	5.3410	33.1538	0.0549		0.0851	0.0851		0.0851	0.0851	0.0000	5,284.1710	5,284.1710	1.3054		5,316.8064
Total	**0.7005**	**5.3410**	**33.1538**	**0.0549**		**0.0851**	**0.0851**		**0.0851**	**0.0851**	**0.0000**	**5,284.1710**	**5,284.1710**	**1.3054**		**5,316.8064**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.1031	3.6365	1.3572	0.0171	0.6085	0.0185	0.6270	0.1752	0.0177	0.1929		1,840.3674	1,840.3674	0.0645	0.2651	1,920.9669
Worker	1.4047	0.9013	15.7414	0.0468	5.6335	0.0309	5.6644	1.4940	0.0284	1.5225		4,730.6821	4,730.6821	0.1037	0.1010	4,763.3827
Total	**1.5077**	**4.5378**	**17.0986**	**0.0639**	**6.2421**	**0.0494**	**6.2915**	**1.6693**	**0.0461**	**1.7154**		**6,571.0495**	**6,571.0495**	**0.1681**	**0.3661**	**6,684.3496**

3.6 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	2.9437	26.7330	29.9069	0.0578		1.1134	1.1134		1.0509	1.0509		5,486.2362	5,486.2362	1.3264		5,519.3961
Total	**2.9437**	**26.7330**	**29.9069**	**0.0578**		**1.1134**	**1.1134**		**1.0509**	**1.0509**		**5,486.2362**	**5,486.2362**	**1.3264**		**5,519.3961**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.1005	3.6099	1.3379	0.0167	0.6085	0.0185	0.6270	0.1752	0.0177	0.1929		1,806.2106	1,806.2106	0.0649	0.2603	1,885.3973
Worker	1.3207	0.8179	14.7611	0.0454	5.6335	0.0293	5.6628	1.4940	0.0269	1.5210		4,586.5947	4,586.5947	0.0941	0.0952	4,617.3233
Total	**1.4212**	**4.4278**	**16.0990**	**0.0621**	**6.2421**	**0.0477**	**6.2898**	**1.6693**	**0.0446**	**1.7139**		**6,392.8053**	**6,392.8053**	**0.1589**	**0.3555**	**6,502.7206**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7005	5.3410	33.1538	0.0549		0.0851	0.0851		0.0851	0.0851	0.0000	5,284.1710	5,284.1710	1.3054		5,316.8064
Total	**0.7005**	**5.3410**	**33.1538**	**0.0549**		**0.0851**	**0.0851**		**0.0851**	**0.0851**	**0.0000**	**5,284.1710**	**5,284.1710**	**1.3054**		**5,316.8064**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.1005	3.6099	1.3379	0.0167	0.6085	0.0185	0.6270	0.1752	0.0177	0.1929		1,806.2106	1,806.2106	0.0649	0.2603	1,885.3973
Worker	1.3207	0.8179	14.7611	0.0454	5.6335	0.0293	5.6628	1.4940	0.0269	1.5210		4,586.5947	4,586.5947	0.0941	0.0952	4,617.3233
Total	**1.4212**	**4.4278**	**16.0990**	**0.0621**	**6.2421**	**0.0477**	**6.2898**	**1.6693**	**0.0446**	**1.7139**		**6,392.8053**	**6,392.8053**	**0.1589**	**0.3555**	**6,502.7206**

3.6 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	2.9437	26.7330	29.9069	0.0578		1.1134	1.1134		1.0509	1.0509		5,486.2362	5,486.2362	1.3264		5,519.3961
Total	**2.9437**	**26.7330**	**29.9069**	**0.0578**		**1.1134**	**1.1134**		**1.0509**	**1.0509**		**5,486.2362**	**5,486.2362**	**1.3264**		**5,519.3961**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.0983	3.5832	1.3222	0.0164	0.6085	0.0184	0.6269	0.1752	0.0176	0.1928		1,770.6637	1,770.6637	0.0650	0.2554	1,848.3869
Worker	1.2445	0.7474	13.9288	0.0441	5.6335	0.0275	5.6610	1.4940	0.0253	1.5193		4,459.0749	4,459.0749	0.0859	0.0904	4,488.1500
Total	**1.3427**	**4.3306**	**15.2509**	**0.0605**	**6.2421**	**0.0458**	**6.2879**	**1.6693**	**0.0429**	**1.7121**		**6,229.7385**	**6,229.7385**	**0.1509**	**0.3457**	**6,336.5369**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7005	5.3410	33.1538	0.0549		0.0851	0.0851		0.0851	0.0851	0.0000	5,284.1710	5,284.1710	1.3054		5,316.8064
Total	**0.7005**	**5.3410**	**33.1538**	**0.0549**		**0.0851**	**0.0851**		**0.0851**	**0.0851**	**0.0000**	**5,284.1710**	**5,284.1710**	**1.3054**		**5,316.8064**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.0983	3.5832	1.3222	0.0164	0.6085	0.0184	0.6269	0.1752	0.0176	0.1928		1,770.6637	1,770.6637	0.0650	0.2554	1,848.3869
Worker	1.2445	0.7474	13.9288	0.0441	5.6335	0.0275	5.6610	1.4940	0.0253	1.5193		4,459.0749	4,459.0749	0.0859	0.0904	4,488.1500
Total	**1.3427**	**4.3306**	**15.2509**	**0.0605**	**6.2421**	**0.0458**	**6.2879**	**1.6693**	**0.0429**	**1.7121**		**6,229.7385**	**6,229.7385**	**0.1509**	**0.3457**	**6,336.5369**

3.6 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	2.9437	26.7330	29.9069	0.0578		1.1134	1.1134		1.0509	1.0509		5,486.2362	5,486.2362	1.3264		5,519.3961
Total	**2.9437**	**26.7330**	**29.9069**	**0.0578**		**1.1134**	**1.1134**		**1.0509**	**1.0509**		**5,486.2362**	**5,486.2362**	**1.3264**		**5,519.3961**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.0965	3.5595	1.3113	0.0161	0.6086	0.0183	0.6268	0.1752	0.0175	0.1927		1,736.8080	1,736.8080	0.0654	0.2506	1,813.1120
Worker	1.1753	0.6882	13.2386	0.0430	5.6335	0.0256	5.6591	1.4940	0.0235	1.5176		4,346.3413	4,346.3413	0.0789	0.0863	4,374.0338
Total	**1.2718**	**4.2478**	**14.5499**	**0.0591**	**6.2421**	**0.0439**	**6.2860**	**1.6693**	**0.0410**	**1.7103**		**6,083.1493**	**6,083.1493**	**0.1444**	**0.3369**	**6,187.1458**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7005	5.3410	33.1538	0.0549		0.0851	0.0851		0.0851	0.0851	0.0000	5,284.1710	5,284.1710	1.3054		5,316.8064
Total	**0.7005**	**5.3410**	**33.1538**	**0.0549**		**0.0851**	**0.0851**		**0.0851**	**0.0851**	**0.0000**	**5,284.1710**	**5,284.1710**	**1.3054**		**5,316.8064**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.0965	3.5595	1.3113	0.0161	0.6086	0.0183	0.6268	0.1752	0.0175	0.1927		1,736.8080	1,736.8080	0.0654	0.2506	1,813.1120
Worker	1.1753	0.6882	13.2386	0.0430	5.6335	0.0256	5.6591	1.4940	0.0235	1.5176		4,346.3413	4,346.3413	0.0789	0.0863	4,374.0338
Total	**1.2718**	**4.2478**	**14.5499**	**0.0591**	**6.2421**	**0.0439**	**6.2860**	**1.6693**	**0.0410**	**1.7103**		**6,083.1493**	**6,083.1493**	**0.1444**	**0.3369**	**6,187.1458**

3.6 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	2.9437	26.7330	29.9069	0.0578		1.1134	1.1134		1.0509	1.0509		5,486.2362	5,486.2362	1.3264		5,519.3961
Total	**2.9437**	**26.7330**	**29.9069**	**0.0578**		**1.1134**	**1.1134**		**1.0509**	**1.0509**		**5,486.2362**	**5,486.2362**	**1.3264**		**5,519.3961**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.0948	3.5347	1.3025	0.0158	0.6086	0.0182	0.6267	0.1752	0.0174	0.1926		1,704.2749	1,704.2749	0.0659	0.2460	1,779.2146
Worker	1.1075	0.6361	12.6265	0.0420	5.6335	0.0239	5.6574	1.4940	0.0220	1.5160		4,245.8721	4,245.8721	0.0727	0.0828	4,272.3650
Total	**1.2024**	**4.1708**	**13.9290**	**0.0578**	**6.2421**	**0.0420**	**6.2841**	**1.6693**	**0.0393**	**1.7086**		**5,950.1470**	**5,950.1470**	**0.1386**	**0.3288**	**6,051.5797**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7005	5.3410	33.1538	0.0549		0.0851	0.0851		0.0851	0.0851	0.0000	5,284.1710	5,284.1710	1.3054		5,316.8064
Total	**0.7005**	**5.3410**	**33.1538**	**0.0549**		**0.0851**	**0.0851**		**0.0851**	**0.0851**	**0.0000**	**5,284.1710**	**5,284.1710**	**1.3054**		**5,316.8064**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.0948	3.5347	1.3025	0.0158	0.6086	0.0182	0.6267	0.1752	0.0174	0.1926		1,704.2749	1,704.2749	0.0659	0.2460	1,779.2146
Worker	1.1075	0.6361	12.6265	0.0420	5.6335	0.0239	5.6574	1.4940	0.0220	1.5160		4,245.8721	4,245.8721	0.0727	0.0828	4,272.3650
Total	**1.2024**	**4.1708**	**13.9290**	**0.0578**	**6.2421**	**0.0420**	**6.2841**	**1.6693**	**0.0393**	**1.7086**		**5,950.1470**	**5,950.1470**	**0.1386**	**0.3288**	**6,051.5797**

3.6 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	2.9170	15.4775	29.9216	0.0667		0.3846	0.3846		0.3846	0.3846		6,247.0341	6,247.0341	0.2589		6,253.5058
Total	**2.9170**	**15.4775**	**29.9216**	**0.0667**		**0.3846**	**0.3846**		**0.3846**	**0.3846**		**6,247.0341**	**6,247.0341**	**0.2589**		**6,253.5058**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.0935	3.5120	1.2968	0.0155	0.6086	0.0180	0.6266	0.1752	0.0172	0.1925		1,673.2407	1,673.2407	0.0664	0.2415	1,746.8740
Worker	1.0433	0.5905	12.0974	0.0411	5.6335	0.0223	5.6558	1.4940	0.0205	1.5145		4,156.4576	4,156.4576	0.0672	0.0798	4,181.9159
Total	**1.1369**	**4.1025**	**13.3941**	**0.0566**	**6.2421**	**0.0403**	**6.2824**	**1.6693**	**0.0377**	**1.7070**		**5,829.6983**	**5,829.6983**	**0.1336**	**0.3213**	**5,928.7899**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7005	5.3410	33.1538	0.0638		0.0851	0.0851		0.0851	0.0851	0.0000	6,044.9688	6,044.9688	0.2379		6,050.9160
Total	**0.7005**	**5.3410**	**33.1538**	**0.0638**		**0.0851**	**0.0851**		**0.0851**	**0.0851**	**0.0000**	**6,044.9688**	**6,044.9688**	**0.2379**		**6,050.9160**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.0935	3.5120	1.2968	0.0155	0.6086	0.0180	0.6266	0.1752	0.0172	0.1925		1,673.2407	1,673.2407	0.0664	0.2415	1,746.8740
Worker	1.0433	0.5905	12.0974	0.0411	5.6335	0.0223	5.6558	1.4940	0.0205	1.5145		4,156.4576	4,156.4576	0.0672	0.0798	4,181.9159
Total	**1.1369**	**4.1025**	**13.3941**	**0.0566**	**6.2421**	**0.0403**	**6.2824**	**1.6693**	**0.0377**	**1.7070**		**5,829.6983**	**5,829.6983**	**0.1336**	**0.3213**	**5,928.7899**

3.7 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	3.6005	32.1136	49.6448	0.0817		1.4793	1.4793		1.3991	1.3991		7,733.1531	7,733.1531	1.7135		7,775.9915
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**3.6005**	**32.1136**	**49.6448**	**0.0817**		**1.4793**	**1.4793**		**1.3991**	**1.3991**		**7,733.1531**	**7,733.1531**	**1.7135**		**7,775.9915**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1951	0.1252	2.1863	6.5000e-003	0.7824	4.2900e-003	0.7867	0.2075	3.9500e-003	0.2115		657.0392	657.0392	0.0144	0.0140	661.5809
Total	**0.1951**	**0.1252**	**2.1863**	**6.5000e-003**	**0.7824**	**4.2900e-003**	**0.7867**	**0.2075**	**3.9500e-003**	**0.2115**		**657.0392**	**657.0392**	**0.0144**	**0.0140**	**661.5809**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6856	5.2761	38.4337	0.0507		0.0831	0.0831		0.0831	0.0831	0.0000	4,905.8431	4,905.8431	1.5867		4,945.5093
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6856**	**5.2761**	**38.4337**	**0.0507**		**0.0831**	**0.0831**		**0.0831**	**0.0831**	**0.0000**	**4,905.8431**	**4,905.8431**	**1.5867**		**4,945.5093**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1951	0.1252	2.1863	6.5000e-003	0.7824	4.2900e-003	0.7867	0.2075	3.9500e-003	0.2115		657.0392	657.0392	0.0144	0.0140	661.5809
Total	**0.1951**	**0.1252**	**2.1863**	**6.5000e-003**	**0.7824**	**4.2900e-003**	**0.7867**	**0.2075**	**3.9500e-003**	**0.2115**		**657.0392**	**657.0392**	**0.0144**	**0.0140**	**661.5809**

3.8 Architectural Coating - P1A Equip & AC - 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					
Archit. Coating	4.4246					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.3205	8.7021	10.6639	0.0198		0.3695	0.3695		0.3695	0.3695		1,686.2828	1,686.2828	0.1182		1,689.2384
Total	**5.7451**	**8.7021**	**10.6639**	**0.0198**		**0.3695**	**0.3695**		**0.3695**	**0.3695**		**1,686.2828**	**1,686.2828**	**0.1182**		**1,689.2384**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - P1A Equip & AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2355	0.1379	2.6530	8.6200e-003	1.1289	5.1300e-003	1.1341	0.2994	4.7200e-003	0.3041		870.9930	870.9930	0.0158	0.0173	876.5425
Total	**0.2355**	**0.1379**	**2.6530**	**8.6200e-003**	**1.1289**	**5.1300e-003**	**1.1341**	**0.2994**	**4.7200e-003**	**0.3041**		**870.9930**	**870.9930**	**0.0158**	**0.0173**	**876.5425**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.4246					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1189	0.5151	7.3297	0.0141		0.0159	0.0159		0.0159	0.0159	0.0000	1,282.1522	1,282.1522	0.0763		1,284.0589
Total	**4.5435**	**0.5151**	**7.3297**	**0.0141**		**0.0159**	**0.0159**		**0.0159**	**0.0159**	**0.0000**	**1,282.1522**	**1,282.1522**	**0.0763**		**1,284.0589**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - P1A Equip & AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2355	0.1379	2.6530	8.6200e-003	1.1289	5.1300e-003	1.1341	0.2994	4.7200e-003	0.3041		870.9930	870.9930	0.0158	0.0173	876.5425
Total	**0.2355**	**0.1379**	**2.6530**	**8.6200e-003**	**1.1289**	**5.1300e-003**	**1.1341**	**0.2994**	**4.7200e-003**	**0.3041**		**870.9930**	**870.9930**	**0.0158**	**0.0173**	**876.5425**

3.8 Architectural Coating - P1A Equip & AC - 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					
Archit. Coating	4.4246					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.3205	8.7021	10.6639	0.0198		0.3695	0.3695		0.3695	0.3695		1,686.2828	1,686.2828	0.1182		1,689.2384
Total	**5.7451**	**8.7021**	**10.6639**	**0.0198**		**0.3695**	**0.3695**		**0.3695**	**0.3695**		**1,686.2828**	**1,686.2828**	**0.1182**		**1,689.2384**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - P1A Equip & AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2219	0.1275	2.5303	8.4200e-003	1.1289	4.7800e-003	1.1337	0.2994	4.4000e-003	0.3038		850.8593	850.8593	0.0146	0.0166	856.1684
Total	**0.2219**	**0.1275**	**2.5303**	**8.4200e-003**	**1.1289**	**4.7800e-003**	**1.1337**	**0.2994**	**4.4000e-003**	**0.3038**		**850.8593**	**850.8593**	**0.0146**	**0.0166**	**856.1684**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.4246					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1189	0.5151	7.3297	0.0141		0.0159	0.0159		0.0159	0.0159	0.0000	1,282.1522	1,282.1522	0.0763		1,284.0589
Total	**4.5435**	**0.5151**	**7.3297**	**0.0141**		**0.0159**	**0.0159**		**0.0159**	**0.0159**	**0.0000**	**1,282.1522**	**1,282.1522**	**0.0763**		**1,284.0589**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - P1A Equip & AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2219	0.1275	2.5303	8.4200e-003	1.1289	4.7800e-003	1.1337	0.2994	4.4000e-003	0.3038		850.8593	850.8593	0.0146	0.0166	856.1684
Total	**0.2219**	**0.1275**	**2.5303**	**8.4200e-003**	**1.1289**	**4.7800e-003**	**1.1337**	**0.2994**	**4.4000e-003**	**0.3038**		**850.8593**	**850.8593**	**0.0146**	**0.0166**	**856.1684**

3.8 Architectural Coating - P1A Equip & AC - 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	4.4246					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.1559	7.5163	10.6126	0.0198		0.2414	0.2414		0.2414	0.2414		1,686.2830	1,686.2830	0.1021		1,688.8356
Total	**5.5805**	**7.5163**	**10.6126**	**0.0198**		**0.2414**	**0.2414**		**0.2414**	**0.2414**		**1,686.2830**	**1,686.2830**	**0.1021**		**1,688.8356**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - P1A Equip & AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2091	0.1183	2.4243	8.2400e-003	1.1289	4.4600e-003	1.1334	0.2994	4.1100e-003	0.3035		832.9409	832.9409	0.0135	0.0160	838.0427
Total	**0.2091**	**0.1183**	**2.4243**	**8.2400e-003**	**1.1289**	**4.4600e-003**	**1.1334**	**0.2994**	**4.1100e-003**	**0.3035**		**832.9409**	**832.9409**	**0.0135**	**0.0160**	**838.0427**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.4246					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1189	0.5151	7.3297	0.0141		0.0159	0.0159		0.0159	0.0159	0.0000	1,282.1525	1,282.1525	0.0601		1,283.6561
Total	**4.5435**	**0.5151**	**7.3297**	**0.0141**		**0.0159**	**0.0159**		**0.0159**	**0.0159**	**0.0000**	**1,282.1525**	**1,282.1525**	**0.0601**		**1,283.6561**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - P1A Equip & AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2091	0.1183	2.4243	8.2400e-003	1.1289	4.4600e-003	1.1334	0.2994	4.1100e-003	0.3035		832.9409	832.9409	0.0135	0.0160	838.0427
Total	**0.2091**	**0.1183**	**2.4243**	**8.2400e-003**	**1.1289**	**4.4600e-003**	**1.1334**	**0.2994**	**4.1100e-003**	**0.3035**		**832.9409**	**832.9409**	**0.0135**	**0.0160**	**838.0427**

3.9 Architectural Coating - P1B just AC - 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					
Archit. Coating	5.3198					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	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	**5.3198**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P1B just AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.3198					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	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	**5.3198**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P1B just AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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**	**0.0000**

3.9 Architectural Coating - P1B just AC - 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					
Archit. Coating	5.3198					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	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	**5.3198**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P1B just AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.3198					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	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	**5.3198**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P1B just AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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**	**0.0000**

3.9 Architectural Coating - P1B just AC - 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	5.3198					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	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	**5.3198**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P1B just AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.3198					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	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	**5.3198**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P1B just AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Condo/Townhouse	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
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
Apartments Mid Rise	0.00	0.00	0.00	40.20	19.20	40.60	86	11	3
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse	0.00	0.00	0.00	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4

4.4 Fleet Mix

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294
City Park	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294
Condo/Townhouse	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294
Enclosed Parking with Elevator	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294
General Office Building	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294

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

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	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
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	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
Enclosed Parking with Elevator	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
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**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	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
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	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
Enclosed Parking with Elevator	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
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

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.8832	0.3563	30.9193	1.6400e-003		0.1718	0.1718		0.1718	0.1718	0.0000	55.8429	55.8429	0.0534	0.0000	57.1785
Unmitigated	9.8832	0.3563	30.9193	1.6400e-003		0.1718	0.1718		0.1718	0.1718	0.0000	55.8429	55.8429	0.0534	0.0000	57.1785

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	8.9545					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	0.9287	0.3563	30.9193	1.6400e-003		0.1718	0.1718		0.1718	0.1718		55.8429	55.8429	0.0534		57.1785
Total	**9.8832**	**0.3563**	**30.9193**	**1.6400e-003**		**0.1718**	**0.1718**		**0.1718**	**0.1718**	**0.0000**	**55.8429**	**55.8429**	**0.0534**	**0.0000**	**57.1785**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	8.9545					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	0.9287	0.3563	30.9193	1.6400e-003		0.1718	0.1718		0.1718	0.1718		55.8429	55.8429	0.0534		57.1785
Total	**9.8832**	**0.3563**	**30.9193**	**1.6400e-003**		**0.1718**	**0.1718**		**0.1718**	**0.1718**	**0.0000**	**55.8429**	**55.8429**	**0.0534**	**0.0000**	**57.1785**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

OSP - Phase 1 Mitigation

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	32.00	1000sqft	0.00	32,000.00	0
Enclosed Parking with Elevator	587.00	Space	0.00	235,305.00	0
City Park	1.50	Acre	1.50	65,340.00	0
Apartments Mid Rise	343.00	Dwelling Unit	5.81	343,000.00	981
Condo/Townhouse	32.00	Dwelling Unit	0.00	32,000.00	92

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2031
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - See Assumptions

Construction Phase - see Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - Just architectural coating emissions for Phase 1 B as equipment and timing would be the same for Scenario B just different number of units and sqft of comm/retail

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Trips and VMT - See assumptions

Demolition - See Assumptions

Grading - See Assumptions

Architectural Coating - See Assumptions - P1B is architectural coating areas for Scenario B.

Vehicle Trips - Operational modeled separately

Road Dust - Operational modeled separately

Woodstoves - Operational modeled separately

Consumer Products - Operational modeled separately

Area Coating - Operational modeled separately

Landscape Equipment - Operational modeled separately

Energy Use - Operational modeled separately

Water And Wastewater - Operational modeled separately

Solid Waste - Operational modeled separately

Construction Off-road Equipment Mitigation - See Assumptions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	36,487.00	44,085.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	109,461.00	132,254.00
tblArchitecturalCoating	ConstArea_Parking	14,118.00	17,280.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	253,125.00	303,750.00
tblArchitecturalCoating	ConstArea_Residential_Interior	759,375.00	911,250.00

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	28.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	121.00
tblConstructionPhase	NumDays	10.00	61.00
tblConstructionPhase	NumDays	20.00	121.00
tblConstructionPhase	NumDays	230.00	1,395.00
tblConstructionPhase	NumDays	20.00	698.00
tblConstructionPhase	NumDays	20.00	698.00
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1.75	0.00
tblEnergyUse	LightingElect	3.77	0.00
tblEnergyUse	NT24E	3,054.10	0.00
tblEnergyUse	NT24E	3,795.01	0.00
tblEnergyUse	NT24E	0.19	0.00
tblEnergyUse	NT24E	4.62	0.00
tblEnergyUse	NT24NG	4,831.00	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblEnergyUse	NT24NG	4,831.00	0.00
tblEnergyUse	NT24NG	0.39	0.00
tblEnergyUse	T24E	35.05	0.00
tblEnergyUse	T24E	39.19	0.00
tblEnergyUse	T24E	3.50	0.00
tblEnergyUse	T24E	4.11	0.00
tblEnergyUse	T24NG	4,179.80	0.00
tblEnergyUse	T24NG	12,162.60	0.00
tblEnergyUse	T24NG	9.92	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	NumberGas	291.55	0.00
tblFireplaces	NumberGas	27.20	0.00
tblFireplaces	NumberNoFireplace	34.30	0.00
tblFireplaces	NumberNoFireplace	3.20	0.00
tblFireplaces	NumberWood	17.15	0.00
tblFireplaces	NumberWood	1.60	0.00
tblGrading	MaterialImported	0.00	135,881.00
tblLandscapeEquipment	NumberSummerDays	250	0
tblLandUse	LandUseSquareFeet	234,800.00	235,305.00
tblLandUse	LotAcreage	0.73	0.00
tblLandUse	LotAcreage	5.28	0.00
tblLandUse	LotAcreage	9.03	5.81
tblLandUse	LotAcreage	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblSolidWaste	SolidWasteGenerationRate	157.78	0.00
tblSolidWaste	SolidWasteGenerationRate	0.13	0.00
tblSolidWaste	SolidWasteGenerationRate	14.72	0.00
tblSolidWaste	SolidWasteGenerationRate	29.76	0.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	13,435.00	8,493.00
tblTripsAndVMT	WorkerTripNumber	10.00	20.00
tblTripsAndVMT	WorkerTripNumber	140.00	60.00
tblTripsAndVMT	WorkerTripNumber	407.00	504.00

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblTripsAndVMT	WorkerTripNumber	81.00	101.00
tblTripsAndVMT	WorkerTripNumber	81.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	8.14	0.00
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	6.28	0.00
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	7.32	0.00
tblVehicleTrips	WD_TR	9.74	0.00
tblWater	IndoorWaterUseRate	22,347,830.79	0.00
tblWater	IndoorWaterUseRate	2,084,928.82	0.00
tblWater	IndoorWaterUseRate	5,687,479.94	0.00
tblWater	OutdoorWaterUseRate	14,088,849.84	0.00
tblWater	OutdoorWaterUseRate	1,787,222.02	0.00
tblWater	OutdoorWaterUseRate	1,314,411.65	0.00
tblWater	OutdoorWaterUseRate	3,485,874.80	0.00
tblWoodstoves	NumberCatalytic	17.15	0.00
tblWoodstoves	NumberCatalytic	1.60	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblWoodstoves	NumberNoncatalytic	17.15	0.00
tblWoodstoves	NumberNoncatalytic	1.60	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	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	12.5036	120.4155	150.0277	0.3463	6.8112	4.4536	11.2648	1.5002	4.2611	5.7613	0.0000	34,340.2355	34,340.2355	5.2218	1.7543	34,993.5697
2025	11.6089	111.9330	148.3274	0.3440	7.0245	3.7943	10.6056	1.8768	3.6322	5.1324	0.0000	34,103.9398	34,103.9398	5.1921	1.7222	34,746.9476
2026	4.4734	31.4159	44.8858	0.1175	6.2421	1.1612	7.4033	1.6693	1.0956	2.7648	0.0000	11,641.8075	11,641.8075	1.4867	0.3626	11,787.0234
2027	4.3925	31.3104	44.1091	0.1160	6.2421	1.1593	7.4014	1.6693	1.0938	2.7631	0.0000	11,485.6845	11,485.6845	1.4786	0.3524	11,627.6737
2028	15.6407	40.0747	56.5773	0.1426	7.3710	1.5319	8.9030	1.9687	1.4662	3.4348	0.0000	13,856.8634	13,856.8634	1.6064	0.3617	14,004.8148
2029	15.5538	39.9798	55.8949	0.1411	7.3710	1.5297	8.9008	1.9687	1.4641	3.4328	0.0000	13,710.1280	13,710.1280	1.5994	0.3526	13,855.1792
2030	15.2801	27.4546	55.2703	0.1487	7.3710	0.6709	8.0419	1.9687	0.6679	2.6366	0.0000	14,338.1913	14,338.1913	0.5095	0.3443	14,453.5197
Maximum	**15.6407**	**120.4155**	**150.0277**	**0.3463**	**7.3710**	**4.4536**	**11.2648**	**1.9687**	**4.2611**	**5.7613**	**0.0000**	**34,340.2355**	**34,340.2355**	**5.2218**	**1.7543**	**34,993.5697**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.9319	34.1455	132.3349	0.2976	5.6446	0.4405	6.0851	1.3742	0.4335	1.8077	0.0000	30,050.3578	30,050.3578	4.9372	1.7543	30,696.5775
2025	3.2154	33.9732	132.1100	0.2953	7.0245	0.4403	7.2465	1.8768	0.4333	2.0951	0.0000	29,814.0621	29,814.0621	5.0391	1.7222	30,450.4667
2026	2.2303	10.0240	48.1327	0.1147	6.2421	0.1329	6.3750	1.6693	0.1298	1.7991	0.0000	11,439.7422	11,439.7422	1.4657	0.3626	11,584.4337
2027	2.1494	9.9185	47.3561	0.1132	6.2421	0.1310	6.3731	1.6693	0.1280	1.7973	0.0000	11,283.6193	11,283.6193	1.4577	0.3524	11,425.0839
2028	12.1960	10.4958	56.4900	0.1341	7.3710	0.1500	7.5211	1.9687	0.1468	2.1154	0.0000	13,250.6676	13,250.6676	1.5435	0.3617	13,397.0456
2029	12.1090	10.4009	55.8076	0.1326	7.3710	0.1478	7.5189	1.9687	0.1447	2.1134	0.0000	13,103.9322	13,103.9322	1.5364	0.3526	13,247.4100
2030	12.0266	10.3169	55.2196	0.1402	7.3710	0.1458	7.5168	1.9687	0.1429	2.1116	0.0000	13,731.9955	13,731.9955	0.4466	0.3443	13,845.7505
Maximum	**12.1960**	**34.1455**	**132.3349**	**0.2976**	**7.3710**	**0.4405**	**7.5211**	**1.9687**	**0.4335**	**2.1154**	**0.0000**	**30,050.3578**	**30,050.3578**	**5.0391**	**1.7543**	**30,696.5775**

	ROG	NOx	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	**41.02**	**70.37**	**4.98**	**9.49**	**2.41**	**88.89**	**22.21**	**1.00**	**88.60**	**46.62**	**0.00**	**8.09**	**8.09**	**3.91**	**0.00**	**7.99**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	9.8832	0.3563	30.9193	1.6400e-003		0.1718	0.1718		0.1718	0.1718	0.0000	55.8429	55.8429	0.0534	0.0000	57.1785
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	0.0000
Total	**9.8832**	**0.3563**	**30.9193**	**1.6400e-003**	**0.0000**	**0.1718**	**0.1718**	**0.0000**	**0.1718**	**0.1718**	**0.0000**	**55.8429**	**55.8429**	**0.0534**	**0.0000**	**57.1785**

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	9.8832	0.3563	30.9193	1.6400e-003		0.1718	0.1718		0.1718	0.1718	0.0000	55.8429	55.8429	0.0534	0.0000	57.1785
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	0.0000
Total	**9.8832**	**0.3563**	**30.9193**	**1.6400e-003**	**0.0000**	**0.1718**	**0.1718**	**0.0000**	**0.1718**	**0.1718**	**0.0000**	**55.8429**	**55.8429**	**0.0534**	**0.0000**	**57.1785**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	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	6/17/2024	5	121	
2	Site Preparation	Site Preparation	6/18/2024	9/10/2024	5	61	
3	Grading	Grading	9/11/2024	2/26/2025	5	121	
4	Utilities Trenching	Trenching	2/27/2025	8/14/2025	5	121	
5	Building Construction	Building Construction	8/15/2025	12/19/2030	5	1395	
6	Paving	Paving	8/15/2025	9/11/2025	5	20	
7	Architectural Coating - P1A Equip & AC	Architectural Coating	4/19/2028	12/20/2030	5	698	
8	Architectural Coating - P1B just AC	Architectural Coating	4/19/2028	12/20/2030	5	698	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 242

Acres of Paving: 0

Residential Indoor: 759,375; Residential Outdoor: 253,125; Non-Residential Indoor: 109,461; Non-Residential Outdoor: 36,487; Striped Parking Area: 14,118 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Concrete/Industrial Saws	4	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Demolition	Excavators	8	8.00	158	0.38
Demolition	Generator Sets	4	8.00	84	0.74
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	4	8.00	203	0.36
Demolition	Sweepers/Scrubbers	4	4.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	8	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site Preparation	Trenchers	4	8.00	78	0.50
Grading	Air Compressors	8	8.00	78	0.48
Grading	Excavators	0	8.00	158	0.38
Grading	Excavators	8	8.00	158	0.38
Grading	Generator Sets	4	8.00	84	0.74
Grading	Graders	0	8.00	187	0.41
Grading	Plate Compactors	4	8.00	8	0.43
Grading	Pumps	4	8.00	84	0.74
Grading	Rough Terrain Forklifts	4	8.00	100	0.40
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Sweepers/Scrubbers	4	4.00	64	0.46
Grading	Tractors/Loaders/Backhoes	12	8.00	97	0.37
Grading	Welders	8	8.00	46	0.45
Utilities Trenching	Air Compressors	4	8.00	78	0.48
Utilities Trenching	Concrete/Industrial Saws	4	8.00	81	0.73
Utilities Trenching	Excavators	4	8.00	158	0.38
Utilities Trenching	Generator Sets	4	8.00	84	0.74
Utilities Trenching	Paving Equipment	4	8.00	132	0.36
Utilities Trenching	Rollers	4	8.00	80	0.38
Utilities Trenching	Rubber Tired Loaders	8	8.00	203	0.36

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Utilities Trenching	Signal Boards	8	8.00	6	0.82
Utilities Trenching	Surfacing Equipment	4	8.00	263	0.30
Utilities Trenching	Sweepers/Scrubbers	4	4.00	64	0.46
Utilities Trenching	Tractors/Loaders/Backhoes	8	8.00	97	0.37
Building Construction	Air Compressors	4	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	4	8.00	9	0.56
Building Construction	Cranes	4	7.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Rough Terrain Forklifts	4	8.00	100	0.40
Building Construction	Sweepers/Scrubbers	4	4.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Generator Sets	4	8.00	84	0.74
Paving	Pavers	4	8.00	130	0.42
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Plate Compactors	4	8.00	8	0.43
Paving	Rollers	4	8.00	80	0.38
Paving	Signal Boards	4	8.00	6	0.82
Paving	Sweepers/Scrubbers	4	4.00	64	0.46
Architectural Coating - P1A Equip & AC	Air Compressors	4	6.00	78	0.48
Architectural Coating - P1A Equip & AC	Cement and Mortar Mixers	8	8.00	9	0.56
Architectural Coating - P1A Equip & AC	Pressure Washers	4	8.00	13	0.30
Architectural Coating - P1B just AC	Air Compressors	0	6.00	78	0.48

Trips and VMT

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	32	80.00	0.00	711.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	4	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	58	145.00	0.00	8,493.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Utilities Trenching	56	60.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	20	504.00	95.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	28	70.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - P1A Equip & AC	16	101.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - P1B just AC	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

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					1.2714	0.0000	1.2714	0.1925	0.0000	0.1925			0.0000			0.0000
Off-Road	6.3457	55.1726	83.0800	0.1477		2.4769	2.4769		2.3495	2.3495		14,193.4630	14,193.4630	3.2312		14,274.2434
Total	**6.3457**	**55.1726**	**83.0800**	**0.1477**	**1.2714**	**2.4769**	**3.7482**	**0.1925**	**2.3495**	**2.5420**		**14,193.4630**	**14,193.4630**	**3.2312**		**14,274.2434**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	lb/day										lb/day					
Hauling	0.0214	1.8368	0.3919	8.2400e-003	0.2570	0.0121	0.2691	0.0704	0.0116	0.0820		906.8481	906.8481	0.0518	0.1441	951.0787
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2571	0.1759	2.4716	7.2900e-003	0.8942	5.1500e-003	0.8994	0.2372	4.7400e-003	0.2419		736.4717	736.4717	0.0185	0.0183	742.3983
Total	**0.2785**	**2.0127**	**2.8635**	**0.0155**	**1.1512**	**0.0173**	**1.1684**	**0.3076**	**0.0163**	**0.3239**		**1,643.3198**	**1,643.3198**	**0.0703**	**0.1624**	**1,693.4770**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.5721	0.0000	0.5721	0.0866	0.0000	0.0866			0.0000			0.0000
Off-Road	1.4964	8.7896	80.7000	0.1214		0.1912	0.1912		0.1912	0.1912	0.0000	11,701.3247	11,701.3247	3.1304		11,779.5836
Total	**1.4964**	**8.7896**	**80.7000**	**0.1214**	**0.5721**	**0.1912**	**0.7633**	**0.0866**	**0.1912**	**0.2778**	**0.0000**	**11,701.3247**	**11,701.3247**	**3.1304**		**11,779.5836**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	lb/day										lb/day					
Hauling	0.0214	1.8368	0.3919	8.2400e-003	0.2570	0.0121	0.2691	0.0704	0.0116	0.0820		906.8481	906.8481	0.0518	0.1441	951.0787
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2571	0.1759	2.4716	7.2900e-003	0.8942	5.1500e-003	0.8994	0.2372	4.7400e-003	0.2419		736.4717	736.4717	0.0185	0.0183	742.3983
Total	**0.2785**	**2.0127**	**2.8635**	**0.0155**	**1.1512**	**0.0173**	**1.1684**	**0.3076**	**0.0163**	**0.3239**		**1,643.3198**	**1,643.3198**	**0.0703**	**0.1624**	**1,693.4770**

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.3600	12.6376	10.3687	0.0135		0.8743	0.8743		0.8044	0.8044		1,308.6402	1,308.6402	0.4232		1,319.2212
Total	**1.3600**	**12.6376**	**10.3687**	**0.0135**	**0.0000**	**0.8743**	**0.8743**	**0.0000**	**0.8044**	**0.8044**		**1,308.6402**	**1,308.6402**	**0.4232**		**1,319.2212**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0643	0.0440	0.6179	1.8200e-003	0.2236	1.2900e-003	0.2248	0.0593	1.1900e-003	0.0605		184.1179	184.1179	4.6300e-003	4.5800e-003	185.5996
Total	**0.0643**	**0.0440**	**0.6179**	**1.8200e-003**	**0.2236**	**1.2900e-003**	**0.2248**	**0.0593**	**1.1900e-003**	**0.0605**		**184.1179**	**184.1179**	**4.6300e-003**	**4.5800e-003**	**185.5996**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1651	0.7154	10.1801	0.0135		0.0220	0.0220		0.0220	0.0220	0.0000	1,308.6402	1,308.6402	0.4232		1,319.2212
Total	**0.1651**	**0.7154**	**10.1801**	**0.0135**	**0.0000**	**0.0220**	**0.0220**	**0.0000**	**0.0220**	**0.0220**	**0.0000**	**1,308.6402**	**1,308.6402**	**0.4232**		**1,319.2212**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0643	0.0440	0.6179	1.8200e-003	0.2236	1.2900e-003	0.2248	0.0593	1.1900e-003	0.0605		184.1179	184.1179	4.6300e-003	4.5800e-003	185.5996
Total	**0.0643**	**0.0440**	**0.6179**	**1.8200e-003**	**0.2236**	**1.2900e-003**	**0.2248**	**0.0593**	**1.1900e-003**	**0.0605**		**184.1179**	**184.1179**	**4.6300e-003**	**4.5800e-003**	**185.5996**

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					2.1210	0.0000	2.1210	0.2290	0.0000	0.2290			0.0000			0.0000
Off-Road	11.7826	98.1559	140.8669	0.2347		4.2996	4.2996		4.1141	4.1141		22,172.9459	22,172.9459	4.5701		22,287.1972
Total	**11.7826**	**98.1559**	**140.8669**	**0.2347**	**2.1210**	**4.2996**	**6.4206**	**0.2290**	**4.1141**	**4.3431**		**22,172.9459**	**22,172.9459**	**4.5701**		**22,287.1972**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	lb/day										lb/day					
Hauling	0.2550	21.9408	4.6811	0.0984	3.0694	0.1447	3.2141	0.8414	0.1384	0.9798		10,832.4347	10,832.4347	0.6182	1.7211	11,360.7756
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4660	0.3189	4.4798	0.0132	1.6208	9.3300e-003	1.6301	0.4298	8.5900e-003	0.4384		1,334.8549	1,334.8549	0.0336	0.0332	1,345.5969
Total	**0.7211**	**22.2597**	**9.1609**	**0.1116**	**4.6902**	**0.1540**	**4.8442**	**1.2712**	**0.1470**	**1.4182**		**12,167.2896**	**12,167.2896**	**0.6517**	**1.7543**	**12,706.3725**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9545	0.0000	0.9545	0.1031	0.0000	0.1031			0.0000			0.0000
Off-Road	2.2109	11.8858	123.1741	0.1860		0.2865	0.2865		0.2865	0.2865	0.0000	17,883.0683	17,883.0683	4.2855		17,990.2050
Total	**2.2109**	**11.8858**	**123.1741**	**0.1860**	**0.9545**	**0.2865**	**1.2409**	**0.1031**	**0.2865**	**0.3895**	**0.0000**	**17,883.0683**	**17,883.0683**	**4.2855**		**17,990.2050**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	lb/day										lb/day					
Hauling	0.2550	21.9408	4.6811	0.0984	3.0694	0.1447	3.2141	0.8414	0.1384	0.9798		10,832.4347	10,832.4347	0.6182	1.7211	11,360.7756
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4660	0.3189	4.4798	0.0132	1.6208	9.3300e-003	1.6301	0.4298	8.5900e-003	0.4384		1,334.8549	1,334.8549	0.0336	0.0332	1,345.5969
Total	**0.7211**	**22.2597**	**9.1609**	**0.1116**	**4.6902**	**0.1540**	**4.8442**	**1.2712**	**0.1470**	**1.4182**		**12,167.2896**	**12,167.2896**	**0.6517**	**1.7543**	**12,706.3725**

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					2.1210	0.0000	2.1210	0.2290	0.0000	0.2290			0.0000			0.0000
Off-Road	10.9200	89.8457	139.3914	0.2347		3.6405	3.6405		3.4853	3.4853		22,175.0189	22,175.0189	4.5362		22,288.4242
Total	**10.9200**	**89.8457**	**139.3914**	**0.2347**	**2.1210**	**3.6405**	**5.7615**	**0.2290**	**3.4853**	**3.7143**		**22,175.0189**	**22,175.0189**	**4.5362**		**22,288.4242**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.2519	21.8010	4.7664	0.0965	3.0695	0.1450	3.2144	0.8414	0.1387	0.9801		10,639.3800	10,639.3800	0.6256	1.6911	11,158.9781
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4371	0.2863	4.1696	0.0128	1.6208	8.8800e-003	1.6296	0.4298	8.1800e-003	0.4380		1,289.5409	1,289.5409	0.0303	0.0310	1,299.5453
Total	**0.6890**	**22.0873**	**8.9360**	**0.1093**	**4.6902**	**0.1538**	**4.8441**	**1.2712**	**0.1469**	**1.4181**		**11,928.9209**	**11,928.9209**	**0.6559**	**1.7222**	**12,458.5233**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9545	0.0000	0.9545	0.1031	0.0000	0.1031			0.0000			0.0000
Off-Road	2.2109	11.8858	123.1741	0.1860		0.2865	0.2865		0.2865	0.2865	0.0000	17,885.1412	17,885.1412	4.2721		17,991.9434
Total	**2.2109**	**11.8858**	**123.1741**	**0.1860**	**0.9545**	**0.2865**	**1.2409**	**0.1031**	**0.2865**	**0.3895**	**0.0000**	**17,885.1412**	**17,885.1412**	**4.2721**		**17,991.9434**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.2519	21.8010	4.7664	0.0965	3.0695	0.1450	3.2144	0.8414	0.1387	0.9801		10,639.3800	10,639.3800	0.6256	1.6911	11,158.9781
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4371	0.2863	4.1696	0.0128	1.6208	8.8800e-003	1.6296	0.4298	8.1800e-003	0.4380		1,289.5409	1,289.5409	0.0303	0.0310	1,299.5453
Total	**0.6890**	**22.0873**	**8.9360**	**0.1093**	**4.6902**	**0.1538**	**4.8441**	**1.2712**	**0.1469**	**1.4181**		**11,928.9209**	**11,928.9209**	**0.6559**	**1.7222**	**12,458.5233**

3.5 Utilities Trenching - 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	9.3321	79.2224	111.8040	0.2274		3.3013	3.3013		3.1283	3.1283		21,724.7108	21,724.7108	5.1596		21,853.7017
Total	**9.3321**	**79.2224**	**111.8040**	**0.2274**		**3.3013**	**3.3013**		**3.1283**	**3.1283**		**21,724.7108**	**21,724.7108**	**5.1596**		**21,853.7017**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Utilities Trenching - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1809	0.1185	1.7253	5.2800e-003	0.6707	3.6800e-003	0.6743	0.1779	3.3800e-003	0.1813		533.6031	533.6031	0.0125	0.0128	537.7429
Total	**0.1809**	**0.1185**	**1.7253**	**5.2800e-003**	**0.6707**	**3.6800e-003**	**0.6743**	**0.1779**	**3.3800e-003**	**0.1813**		**533.6031**	**533.6031**	**0.0125**	**0.0128**	**537.7429**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3738	12.5920	118.7281	0.1955		0.3082	0.3082		0.3082	0.3082	0.0000	18,838.0642	18,838.0642	5.0266		18,963.7288
Total	**2.3738**	**12.5920**	**118.7281**	**0.1955**		**0.3082**	**0.3082**		**0.3082**	**0.3082**	**0.0000**	**18,838.0642**	**18,838.0642**	**5.0266**		**18,963.7288**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Utilities Trenching - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1809	0.1185	1.7253	5.2800e-003	0.6707	3.6800e-003	0.6743	0.1779	3.3800e-003	0.1813		533.6031	533.6031	0.0125	0.0128	537.7429
Total	**0.1809**	**0.1185**	**1.7253**	**5.2800e-003**	**0.6707**	**3.6800e-003**	**0.6743**	**0.1779**	**3.3800e-003**	**0.1813**		**533.6031**	**533.6031**	**0.0125**	**0.0128**	**537.7429**

3.6 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	2.9437	26.7330	29.9069	0.0578		1.1134	1.1134		1.0509	1.0509		5,486.2362	5,486.2362	1.3264		5,519.3961
Total	**2.9437**	**26.7330**	**29.9069**	**0.0578**		**1.1134**	**1.1134**		**1.0509**	**1.0509**		**5,486.2362**	**5,486.2362**	**1.3264**		**5,519.3961**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.0990	3.8077	1.4006	0.0171	0.6085	0.0186	0.6271	0.1752	0.0178	0.1930		1,843.5936	1,843.5936	0.0642	0.2658	1,924.3916
Worker	1.5193	0.9950	14.4928	0.0443	5.6335	0.0309	5.6644	1.4940	0.0284	1.5225		4,482.2663	4,482.2663	0.1054	0.1079	4,517.0401
Total	**1.6183**	**4.8028**	**15.8934**	**0.0614**	**6.2421**	**0.0495**	**6.2916**	**1.6693**	**0.0462**	**1.7155**		**6,325.8599**	**6,325.8599**	**0.1695**	**0.3736**	**6,441.4318**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7005	5.3410	33.1538	0.0549		0.0851	0.0851		0.0851	0.0851	0.0000	5,284.1710	5,284.1710	1.3054		5,316.8064
Total	**0.7005**	**5.3410**	**33.1538**	**0.0549**		**0.0851**	**0.0851**		**0.0851**	**0.0851**	**0.0000**	**5,284.1710**	**5,284.1710**	**1.3054**		**5,316.8064**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.0990	3.8077	1.4006	0.0171	0.6085	0.0186	0.6271	0.1752	0.0178	0.1930		1,843.5936	1,843.5936	0.0642	0.2658	1,924.3916
Worker	1.5193	0.9950	14.4928	0.0443	5.6335	0.0309	5.6644	1.4940	0.0284	1.5225		4,482.2663	4,482.2663	0.1054	0.1079	4,517.0401
Total	**1.6183**	**4.8028**	**15.8934**	**0.0614**	**6.2421**	**0.0495**	**6.2916**	**1.6693**	**0.0462**	**1.7155**		**6,325.8599**	**6,325.8599**	**0.1695**	**0.3736**	**6,441.4318**

3.6 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	2.9437	26.7330	29.9069	0.0578		1.1134	1.1134		1.0509	1.0509		5,486.2362	5,486.2362	1.3264		5,519.3961
Total	**2.9437**	**26.7330**	**29.9069**	**0.0578**		**1.1134**	**1.1134**		**1.0509**	**1.0509**		**5,486.2362**	**5,486.2362**	**1.3264**		**5,519.3961**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.0963	3.7802	1.3808	0.0168	0.6085	0.0186	0.6271	0.1752	0.0178	0.1930		1,809.4274	1,809.4274	0.0646	0.2610	1,888.8078
Worker	1.4335	0.9028	13.5981	0.0430	5.6335	0.0293	5.6628	1.4940	0.0269	1.5210		4,346.1438	4,346.1438	0.0957	0.1016	4,378.8195
Total	**1.5297**	**4.6830**	**14.9789**	**0.0598**	**6.2421**	**0.0478**	**6.2899**	**1.6693**	**0.0447**	**1.7140**		**6,155.5713**	**6,155.5713**	**0.1603**	**0.3626**	**6,267.6273**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7005	5.3410	33.1538	0.0549		0.0851	0.0851		0.0851	0.0851	0.0000	5,284.1710	5,284.1710	1.3054		5,316.8064
Total	**0.7005**	**5.3410**	**33.1538**	**0.0549**		**0.0851**	**0.0851**		**0.0851**	**0.0851**	**0.0000**	**5,284.1710**	**5,284.1710**	**1.3054**		**5,316.8064**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.0963	3.7802	1.3808	0.0168	0.6085	0.0186	0.6271	0.1752	0.0178	0.1930		1,809.4274	1,809.4274	0.0646	0.2610	1,888.8078
Worker	1.4335	0.9028	13.5981	0.0430	5.6335	0.0293	5.6628	1.4940	0.0269	1.5210		4,346.1438	4,346.1438	0.0957	0.1016	4,378.8195
Total	**1.5297**	**4.6830**	**14.9789**	**0.0598**	**6.2421**	**0.0478**	**6.2899**	**1.6693**	**0.0447**	**1.7140**		**6,155.5713**	**6,155.5713**	**0.1603**	**0.3626**	**6,267.6273**

3.6 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	2.9437	26.7330	29.9069	0.0578		1.1134	1.1134		1.0509	1.0509		5,486.2362	5,486.2362	1.3264		5,519.3961
Total	**2.9437**	**26.7330**	**29.9069**	**0.0578**		**1.1134**	**1.1134**		**1.0509**	**1.0509**		**5,486.2362**	**5,486.2362**	**1.3264**		**5,519.3961**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.0940	3.7527	1.3646	0.0164	0.6085	0.0185	0.6270	0.1752	0.0177	0.1929		1,773.8661	1,773.8661	0.0647	0.2560	1,851.7786
Worker	1.3549	0.8248	12.8376	0.0418	5.6335	0.0275	5.6610	1.4940	0.0253	1.5193		4,225.5822	4,225.5822	0.0875	0.0964	4,256.4990
Total	**1.4489**	**4.5775**	**14.2022**	**0.0582**	**6.2421**	**0.0459**	**6.2880**	**1.6693**	**0.0429**	**1.7122**		**5,999.4483**	**5,999.4483**	**0.1522**	**0.3524**	**6,108.2776**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7005	5.3410	33.1538	0.0549		0.0851	0.0851		0.0851	0.0851	0.0000	5,284.1710	5,284.1710	1.3054		5,316.8064
Total	**0.7005**	**5.3410**	**33.1538**	**0.0549**		**0.0851**	**0.0851**		**0.0851**	**0.0851**	**0.0000**	**5,284.1710**	**5,284.1710**	**1.3054**		**5,316.8064**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.0940	3.7527	1.3646	0.0164	0.6085	0.0185	0.6270	0.1752	0.0177	0.1929		1,773.8661	1,773.8661	0.0647	0.2560	1,851.7786
Worker	1.3549	0.8248	12.8376	0.0418	5.6335	0.0275	5.6610	1.4940	0.0253	1.5193		4,225.5822	4,225.5822	0.0875	0.0964	4,256.4990
Total	**1.4489**	**4.5775**	**14.2022**	**0.0582**	**6.2421**	**0.0459**	**6.2880**	**1.6693**	**0.0429**	**1.7122**		**5,999.4483**	**5,999.4483**	**0.1522**	**0.3524**	**6,108.2776**

3.6 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	2.9437	26.7330	29.9069	0.0578		1.1134	1.1134		1.0509	1.0509		5,486.2362	5,486.2362	1.3264		5,519.3961
Total	**2.9437**	**26.7330**	**29.9069**	**0.0578**		**1.1134**	**1.1134**		**1.0509**	**1.0509**		**5,486.2362**	**5,486.2362**	**1.3264**		**5,519.3961**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.0921	3.7283	1.3533	0.0161	0.6086	0.0184	0.6269	0.1752	0.0176	0.1928		1,739.9886	1,739.9886	0.0651	0.2512	1,816.4780
Worker	1.2830	0.7593	12.2070	0.0408	5.6335	0.0256	5.6591	1.4940	0.0235	1.5176		4,118.9344	4,118.9344	0.0805	0.0921	4,148.3801
Total	**1.3751**	**4.4875**	**13.5603**	**0.0569**	**6.2421**	**0.0439**	**6.2860**	**1.6693**	**0.0411**	**1.7104**		**5,858.9230**	**5,858.9230**	**0.1456**	**0.3433**	**5,964.8581**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7005	5.3410	33.1538	0.0549		0.0851	0.0851		0.0851	0.0851	0.0000	5,284.1710	5,284.1710	1.3054		5,316.8064
Total	**0.7005**	**5.3410**	**33.1538**	**0.0549**		**0.0851**	**0.0851**		**0.0851**	**0.0851**	**0.0000**	**5,284.1710**	**5,284.1710**	**1.3054**		**5,316.8064**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.0921	3.7283	1.3533	0.0161	0.6086	0.0184	0.6269	0.1752	0.0176	0.1928		1,739.9886	1,739.9886	0.0651	0.2512	1,816.4780
Worker	1.2830	0.7593	12.2070	0.0408	5.6335	0.0256	5.6591	1.4940	0.0235	1.5176		4,118.9344	4,118.9344	0.0805	0.0921	4,148.3801
Total	**1.3751**	**4.4875**	**13.5603**	**0.0569**	**6.2421**	**0.0439**	**6.2860**	**1.6693**	**0.0411**	**1.7104**		**5,858.9230**	**5,858.9230**	**0.1456**	**0.3433**	**5,964.8581**

3.6 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	2.9437	26.7330	29.9069	0.0578		1.1134	1.1134		1.0509	1.0509		5,486.2362	5,486.2362	1.3264		5,519.3961
Total	**2.9437**	**26.7330**	**29.9069**	**0.0578**		**1.1134**	**1.1134**		**1.0509**	**1.0509**		**5,486.2362**	**5,486.2362**	**1.3264**		**5,519.3961**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.0903	3.7027	1.3442	0.0158	0.6086	0.0182	0.6268	0.1752	0.0174	0.1927		1,707.4325	1,707.4325	0.0656	0.2466	1,782.5542
Worker	1.2121	0.7015	11.6461	0.0398	5.6335	0.0239	5.6574	1.4940	0.0220	1.5160		4,023.8165	4,023.8165	0.0743	0.0883	4,051.9855
Total	**1.3024**	**4.4042**	**12.9902**	**0.0556**	**6.2421**	**0.0421**	**6.2842**	**1.6693**	**0.0394**	**1.7087**		**5,731.2490**	**5,731.2490**	**0.1399**	**0.3349**	**5,834.5397**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7005	5.3410	33.1538	0.0549		0.0851	0.0851		0.0851	0.0851	0.0000	5,284.1710	5,284.1710	1.3054		5,316.8064
Total	**0.7005**	**5.3410**	**33.1538**	**0.0549**		**0.0851**	**0.0851**		**0.0851**	**0.0851**	**0.0000**	**5,284.1710**	**5,284.1710**	**1.3054**		**5,316.8064**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.0903	3.7027	1.3442	0.0158	0.6086	0.0182	0.6268	0.1752	0.0174	0.1927		1,707.4325	1,707.4325	0.0656	0.2466	1,782.5542
Worker	1.2121	0.7015	11.6461	0.0398	5.6335	0.0239	5.6574	1.4940	0.0220	1.5160		4,023.8165	4,023.8165	0.0743	0.0883	4,051.9855
Total	**1.3024**	**4.4042**	**12.9902**	**0.0556**	**6.2421**	**0.0421**	**6.2842**	**1.6693**	**0.0394**	**1.7087**		**5,731.2490**	**5,731.2490**	**0.1399**	**0.3349**	**5,834.5397**

3.6 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	2.9170	15.4775	29.9216	0.0667		0.3846	0.3846		0.3846	0.3846		6,247.0341	6,247.0341	0.2589		6,253.5058
Total	**2.9170**	**15.4775**	**29.9216**	**0.0667**		**0.3846**	**0.3846**		**0.3846**	**0.3846**		**6,247.0341**	**6,247.0341**	**0.2589**		**6,253.5058**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.0889	3.6793	1.3380	0.0155	0.6086	0.0181	0.6267	0.1752	0.0173	0.1926		1,676.3742	1,676.3742	0.0661	0.2422	1,750.1864
Worker	1.1445	0.6510	11.1613	0.0390	5.6335	0.0223	5.6558	1.4940	0.0205	1.5145		3,939.1140	3,939.1140	0.0687	0.0851	3,966.1817
Total	**1.2334**	**4.3303**	**12.4994**	**0.0545**	**6.2421**	**0.0404**	**6.2825**	**1.6693**	**0.0378**	**1.7071**		**5,615.4882**	**5,615.4882**	**0.1348**	**0.3272**	**5,716.3681**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7005	5.3410	33.1538	0.0638		0.0851	0.0851		0.0851	0.0851	0.0000	6,044.9688	6,044.9688	0.2379		6,050.9160
Total	**0.7005**	**5.3410**	**33.1538**	**0.0638**		**0.0851**	**0.0851**		**0.0851**	**0.0851**	**0.0000**	**6,044.9688**	**6,044.9688**	**0.2379**		**6,050.9160**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 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	0.0000
Vendor	0.0889	3.6793	1.3380	0.0155	0.6086	0.0181	0.6267	0.1752	0.0173	0.1926		1,676.3742	1,676.3742	0.0661	0.2422	1,750.1864
Worker	1.1445	0.6510	11.1613	0.0390	5.6335	0.0223	5.6558	1.4940	0.0205	1.5145		3,939.1140	3,939.1140	0.0687	0.0851	3,966.1817
Total	**1.2334**	**4.3303**	**12.4994**	**0.0545**	**6.2421**	**0.0404**	**6.2825**	**1.6693**	**0.0378**	**1.7071**		**5,615.4882**	**5,615.4882**	**0.1348**	**0.3272**	**5,716.3681**

3.7 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	3.6005	32.1136	49.6448	0.0817		1.4793	1.4793		1.3991	1.3991		7,733.1531	7,733.1531	1.7135		7,775.9915
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**3.6005**	**32.1136**	**49.6448**	**0.0817**		**1.4793**	**1.4793**		**1.3991**	**1.3991**		**7,733.1531**	**7,733.1531**	**1.7135**		**7,775.9915**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2110	0.1382	2.0129	6.1600e-003	0.7824	4.2900e-003	0.7867	0.2075	3.9500e-003	0.2115		622.5370	622.5370	0.0146	0.0150	627.3667
Total	**0.2110**	**0.1382**	**2.0129**	**6.1600e-003**	**0.7824**	**4.2900e-003**	**0.7867**	**0.2075**	**3.9500e-003**	**0.2115**		**622.5370**	**622.5370**	**0.0146**	**0.0150**	**627.3667**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6856	5.2761	38.4337	0.0507		0.0831	0.0831		0.0831	0.0831	0.0000	4,905.8431	4,905.8431	1.5867		4,945.5093
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6856**	**5.2761**	**38.4337**	**0.0507**		**0.0831**	**0.0831**		**0.0831**	**0.0831**	**0.0000**	**4,905.8431**	**4,905.8431**	**1.5867**		**4,945.5093**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2110	0.1382	2.0129	6.1600e-003	0.7824	4.2900e-003	0.7867	0.2075	3.9500e-003	0.2115		622.5370	622.5370	0.0146	0.0150	627.3667
Total	**0.2110**	**0.1382**	**2.0129**	**6.1600e-003**	**0.7824**	**4.2900e-003**	**0.7867**	**0.2075**	**3.9500e-003**	**0.2115**		**622.5370**	**622.5370**	**0.0146**	**0.0150**	**627.3667**

3.8 Architectural Coating - P1A Equip & AC - 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					
Archit. Coating	4.4246					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.3205	8.7021	10.6639	0.0198		0.3695	0.3695		0.3695	0.3695		1,686.2828	1,686.2828	0.1182		1,689.2384
Total	**5.7451**	**8.7021**	**10.6639**	**0.0198**		**0.3695**	**0.3695**		**0.3695**	**0.3695**		**1,686.2828**	**1,686.2828**	**0.1182**		**1,689.2384**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - P1A Equip & AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2571	0.1522	2.4462	8.1700e-003	1.1289	5.1300e-003	1.1341	0.2994	4.7200e-003	0.3041		825.4214	825.4214	0.0161	0.0185	831.3222
Total	**0.2571**	**0.1522**	**2.4462**	**8.1700e-003**	**1.1289**	**5.1300e-003**	**1.1341**	**0.2994**	**4.7200e-003**	**0.3041**		**825.4214**	**825.4214**	**0.0161**	**0.0185**	**831.3222**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.4246					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1189	0.5151	7.3297	0.0141		0.0159	0.0159		0.0159	0.0159	0.0000	1,282.1522	1,282.1522	0.0763		1,284.0589
Total	**4.5435**	**0.5151**	**7.3297**	**0.0141**		**0.0159**	**0.0159**		**0.0159**	**0.0159**	**0.0000**	**1,282.1522**	**1,282.1522**	**0.0763**		**1,284.0589**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - P1A Equip & AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2571	0.1522	2.4462	8.1700e-003	1.1289	5.1300e-003	1.1341	0.2994	4.7200e-003	0.3041		825.4214	825.4214	0.0161	0.0185	831.3222
Total	**0.2571**	**0.1522**	**2.4462**	**8.1700e-003**	**1.1289**	**5.1300e-003**	**1.1341**	**0.2994**	**4.7200e-003**	**0.3041**		**825.4214**	**825.4214**	**0.0161**	**0.0185**	**831.3222**

3.8 Architectural Coating - P1A Equip & AC - 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					
Archit. Coating	4.4246					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.3205	8.7021	10.6639	0.0198		0.3695	0.3695		0.3695	0.3695		1,686.2828	1,686.2828	0.1182		1,689.2384
Total	**5.7451**	**8.7021**	**10.6639**	**0.0198**		**0.3695**	**0.3695**		**0.3695**	**0.3695**		**1,686.2828**	**1,686.2828**	**0.1182**		**1,689.2384**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - P1A Equip & AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2429	0.1406	2.3338	7.9800e-003	1.1289	4.7800e-003	1.1337	0.2994	4.4000e-003	0.3038		806.3601	806.3601	0.0149	0.0177	812.0050
Total	**0.2429**	**0.1406**	**2.3338**	**7.9800e-003**	**1.1289**	**4.7800e-003**	**1.1337**	**0.2994**	**4.4000e-003**	**0.3038**		**806.3601**	**806.3601**	**0.0149**	**0.0177**	**812.0050**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.4246					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1189	0.5151	7.3297	0.0141		0.0159	0.0159		0.0159	0.0159	0.0000	1,282.1522	1,282.1522	0.0763		1,284.0589
Total	**4.5435**	**0.5151**	**7.3297**	**0.0141**		**0.0159**	**0.0159**		**0.0159**	**0.0159**	**0.0000**	**1,282.1522**	**1,282.1522**	**0.0763**		**1,284.0589**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - P1A Equip & AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2429	0.1406	2.3338	7.9800e-003	1.1289	4.7800e-003	1.1337	0.2994	4.4000e-003	0.3038		806.3601	806.3601	0.0149	0.0177	812.0050
Total	**0.2429**	**0.1406**	**2.3338**	**7.9800e-003**	**1.1289**	**4.7800e-003**	**1.1337**	**0.2994**	**4.4000e-003**	**0.3038**		**806.3601**	**806.3601**	**0.0149**	**0.0177**	**812.0050**

3.8 Architectural Coating - P1A Equip & AC - 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	4.4246					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.1559	7.5163	10.6126	0.0198		0.2414	0.2414		0.2414	0.2414		1,686.2830	1,686.2830	0.1021		1,688.8356
Total	**5.5805**	**7.5163**	**10.6126**	**0.0198**		**0.2414**	**0.2414**		**0.2414**	**0.2414**		**1,686.2830**	**1,686.2830**	**0.1021**		**1,688.8356**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - P1A Equip & AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2294	0.1305	2.2367	7.8100e-003	1.1289	4.4600e-003	1.1334	0.2994	4.1100e-003	0.3035		789.3859	789.3859	0.0138	0.0171	794.8102
Total	**0.2294**	**0.1305**	**2.2367**	**7.8100e-003**	**1.1289**	**4.4600e-003**	**1.1334**	**0.2994**	**4.1100e-003**	**0.3035**		**789.3859**	**789.3859**	**0.0138**	**0.0171**	**794.8102**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.4246					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1189	0.5151	7.3297	0.0141		0.0159	0.0159		0.0159	0.0159	0.0000	1,282.1525	1,282.1525	0.0601		1,283.6561
Total	**4.5435**	**0.5151**	**7.3297**	**0.0141**		**0.0159**	**0.0159**		**0.0159**	**0.0159**	**0.0000**	**1,282.1525**	**1,282.1525**	**0.0601**		**1,283.6561**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - P1A Equip & AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2294	0.1305	2.2367	7.8100e-003	1.1289	4.4600e-003	1.1334	0.2994	4.1100e-003	0.3035		789.3859	789.3859	0.0138	0.0171	794.8102
Total	**0.2294**	**0.1305**	**2.2367**	**7.8100e-003**	**1.1289**	**4.4600e-003**	**1.1334**	**0.2994**	**4.1100e-003**	**0.3035**		**789.3859**	**789.3859**	**0.0138**	**0.0171**	**794.8102**

3.9 Architectural Coating - P1B just AC - 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					
Archit. Coating	5.3198					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	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	**5.3198**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P1B just AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.3198					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	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	**5.3198**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P1B just AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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**	**0.0000**

3.9 Architectural Coating - P1B just AC - 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					
Archit. Coating	5.3198					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	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	**5.3198**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P1B just AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.3198					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	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	**5.3198**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P1B just AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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**	**0.0000**

3.9 Architectural Coating - P1B just AC - 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	5.3198					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	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	**5.3198**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P1B just AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.3198					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	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	**5.3198**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P1B just AC - 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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Condo/Townhouse	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
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
Apartments Mid Rise	0.00	0.00	0.00	40.20	19.20	40.60	86	11	3
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse	0.00	0.00	0.00	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4

4.4 Fleet Mix

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294
City Park	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294
Condo/Townhouse	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294
Enclosed Parking with Elevator	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294
General Office Building	0.527779	0.068094	0.194119	0.126693	0.024448	0.007090	0.011744	0.007802	0.000938	0.000564	0.026705	0.000730	0.003294

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

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	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
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	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
Enclosed Parking with Elevator	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
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**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	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
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	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
Enclosed Parking with Elevator	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
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

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.8832	0.3563	30.9193	1.6400e-003		0.1718	0.1718		0.1718	0.1718	0.0000	55.8429	55.8429	0.0534	0.0000	57.1785
Unmitigated	9.8832	0.3563	30.9193	1.6400e-003		0.1718	0.1718		0.1718	0.1718	0.0000	55.8429	55.8429	0.0534	0.0000	57.1785

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	8.9545					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	0.9287	0.3563	30.9193	1.6400e-003		0.1718	0.1718		0.1718	0.1718		55.8429	55.8429	0.0534		57.1785
Total	**9.8832**	**0.3563**	**30.9193**	**1.6400e-003**		**0.1718**	**0.1718**		**0.1718**	**0.1718**	**0.0000**	**55.8429**	**55.8429**	**0.0534**	**0.0000**	**57.1785**

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	8.9545					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	0.9287	0.3563	30.9193	1.6400e-003		0.1718	0.1718		0.1718	0.1718		55.8429	55.8429	0.0534		57.1785
Total	**9.8832**	**0.3563**	**30.9193**	**1.6400e-003**		**0.1718**	**0.1718**		**0.1718**	**0.1718**	**0.0000**	**55.8429**	**55.8429**	**0.0534**	**0.0000**	**57.1785**

7.0 Water Detail

7.1 Mitigation Measures Water

OSP - Phase 1 Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

OSP - Phase 2 - Construction Mitigation

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	30.00	1000sqft	0.00	30,000.00	0
Enclosed Parking with Elevator	861.00	Space	0.00	344,400.00	0
City Park	1.70	Acre	1.70	74,052.00	0
Apartments Mid Rise	600.00	Dwelling Unit	4.22	600,000.00	1452
Strip Mall	25.00	1000sqft	0.00	25,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2040
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - See Assumptions - Architectural Coating for Phase 2B included as separate phase for AC emissions only. Construciton Equipment is Identical. Result Summaries will overestimate emissions for AC.

Off-road Equipment - ss

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions- Just modeling AC emissions for Phase 2B

Off-road Equipment - see Assumptions

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Off-road Equipment - See Assumptions

Off-road Equipment - see assumptions

Off-road Equipment - see Assumptions

Off-road Equipment - see Assumptions

Off-road Equipment - see Assumptions

Trips and VMT - See Assumptions

Demolition - See Assumptions

Grading - see assumptions

Architectural Coating - See Assumptions - Modeles P2B AC coating emissions.

Vehicle Trips - operational emissions modeled separately

Woodstoves - operational emissions modeled separately

Consumer Products - operational emissions modeled separately

Area Coating - operational emissions modeled separately

Landscape Equipment - operational emissions modeled separately

Energy Use - operational emissions modeled separately

Water And Wastewater - operational emissions modeled separately

Solid Waste - operational emissions modeled separately

Construction Off-road Equipment Mitigation - See Assumptions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	58,526.00	69,231.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	175,577.00	207,692.00
tblArchitecturalCoating	ConstArea_Parking	20,664.00	27,905.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	405,000.00	454,275.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,215,000.00	1,362,825.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical

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tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	28.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	76.00
tblConstructionPhase	NumDays	10.00	38.00
tblConstructionPhase	NumDays	20.00	76.00
tblConstructionPhase	NumDays	230.00	878.00
tblConstructionPhase	NumDays	20.00	439.00
tblConstructionPhase	NumDays	20.00	439.00
tblEnergyUse	T24E	35.05	0.00
tblEnergyUse	T24E	3.50	0.00
tblEnergyUse	T24E	4.11	0.00
tblEnergyUse	T24E	3.58	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	NumberGas	510.00	0.00
tblFireplaces	NumberNoFireplace	60.00	0.00
tblFireplaces	NumberWood	30.00	0.00
tblGrading	MaterialExported	0.00	110,043.00
tblLandscapeEquipment	NumberSummerDays	250	0
tblLandUse	LotAcreage	0.69	0.00
tblLandUse	LotAcreage	7.75	0.00
tblLandUse	LotAcreage	15.79	4.22
tblLandUse	LotAcreage	0.57	0.00
tblLandUse	Population	1,716.00	1,452.00

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblSolidWaste	SolidWasteGenerationRate	276.00	0.00
tblSolidWaste	SolidWasteGenerationRate	0.15	0.00
tblSolidWaste	SolidWasteGenerationRate	27.90	0.00
tblSolidWaste	SolidWasteGenerationRate	26.25	0.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	10,881.00	8,295.00

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tblTripsAndVMT	VendorTripNumber	142.00	90.00
tblTripsAndVMT	WorkerTripNumber	10.00	20.00
tblTripsAndVMT	WorkerTripNumber	120.00	60.00
tblTripsAndVMT	WorkerTripNumber	625.00	504.00
tblTripsAndVMT	WorkerTripNumber	125.00	101.00
tblTripsAndVMT	WorkerTripNumber	125.00	0.00
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	9.74	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	39,092,415.37	0.00
tblWater	IndoorWaterUseRate	5,332,012.44	0.00
tblWater	IndoorWaterUseRate	1,851,813.04	0.00
tblWater	OutdoorWaterUseRate	24,645,218.39	0.00
tblWater	OutdoorWaterUseRate	2,025,518.29	0.00
tblWater	OutdoorWaterUseRate	3,268,007.62	0.00
tblWater	OutdoorWaterUseRate	1,134,982.18	0.00
tblWoodstoves	NumberCatalytic	30.00	0.00
tblWoodstoves	NumberNoncatalytic	30.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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					
2031	1.0482	6.9567	13.4726	0.0312	0.4690	0.1526	0.6216	0.1051	0.1522	0.2573	0.0000	2,798.7234	2,798.7234	0.1205	0.0886	2,828.1501
2032	0.5881	2.9419	6.2904	0.0173	0.7919	0.0687	0.8606	0.2120	0.0684	0.2804	0.0000	1,567.8491	1,567.8491	0.0512	0.0354	1,579.6768
2033	0.5220	2.5883	5.5047	0.0158	0.7917	0.0564	0.8482	0.2120	0.0562	0.2681	0.0000	1,442.2056	1,442.2056	0.0460	0.0351	1,453.8076
2034	2.8670	3.3888	6.8510	0.0186	0.8935	0.0813	0.9748	0.2390	0.0810	0.3200	0.0000	1,675.8838	1,675.8838	0.0563	0.0358	1,687.9635
2035	3.4352	1.9315	4.0188	0.0100	0.4487	0.0422	0.4908	0.1198	0.0420	0.1619	0.0000	887.8956	887.8956	0.0307	0.0150	893.1300
Maximum	**3.4352**	**6.9567**	**13.4726**	**0.0312**	**0.8935**	**0.1526**	**0.9748**	**0.2390**	**0.1522**	**0.3200**	**0.0000**	**2,798.7234**	**2,798.7234**	**0.1205**	**0.0886**	**2,828.1501**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2031	0.3480	3.0356	12.1681	0.0273	0.3839	0.0506	0.4345	0.0942	0.0502	0.1443	0.0000	2,478.3126	2,478.3126	0.1082	0.0886	2,507.4324
2032	0.2503	1.3580	6.6190	0.0166	0.7919	0.0206	0.8125	0.2120	0.0203	0.2323	0.0000	1,512.5443	1,512.5443	0.0476	0.0354	1,524.2819
2033	0.2213	1.2330	6.0058	0.0155	0.7917	0.0163	0.8080	0.2120	0.0160	0.2280	0.0000	1,418.3744	1,418.3744	0.0436	0.0351	1,429.9145
2034	2.4584	1.3002	7.0543	0.0177	0.8935	0.0184	0.9119	0.2390	0.0181	0.2571	0.0000	1,618.3232	1,618.3232	0.0503	0.0358	1,630.2535
2035	3.1891	0.5755	3.8057	9.1700e-003	0.4487	9.3300e-003	0.4580	0.1198	9.1900e-003	0.1290	0.0000	831.8937	831.8937	0.0249	0.0150	836.9827
Maximum	**3.1891**	**3.0356**	**12.1681**	**0.0273**	**0.8935**	**0.0506**	**0.9119**	**0.2390**	**0.0502**	**0.2571**	**0.0000**	**2,478.3126**	**2,478.3126**	**0.1082**	**0.0886**	**2,507.4324**

	ROG	NOx	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	**23.56**	**57.87**	**1.34**	**7.29**	**2.51**	**71.30**	**9.78**	**1.24**	**71.56**	**23.07**	**0.00**	**6.13**	**6.13**	**9.89**	**0.00**	**6.09**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**3-1-2034**	**5-31-2034**	1.3182	0.7560
2	**6-1-2034**	**8-31-2034**	1.9031	1.1841
3	**9-1-2034**	**11-30-2034**	1.8893	1.1781
4	**12-1-2034**	**2-28-2035**	1.8030	1.1667
5	**3-1-2035**	**5-31-2035**	1.7244	1.1463
6	**6-1-2035**	**8-31-2035**	1.1069	0.8263

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7	**9-1-2035**	**9-30-2035**	0.3610	0.2694
		Highest	1.9031	1.1841

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	2.6134	0.0000	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	0.0310	0.2663	0.1204	1.6900e-003		0.0215	0.0215		0.0215	0.0215	0.0000	916.2677	916.2677	0.0573	0.0119	921.2353
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	**2.6445**	**0.2663**	**0.1204**	**1.6900e-003**	**0.0000**	**0.0215**	**0.0215**	**0.0000**	**0.0215**	**0.0215**	**0.0000**	**916.2677**	**916.2677**	**0.0573**	**0.0119**	**921.2353**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	2.6134	0.0000	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	0.0310	0.2663	0.1204	1.6900e-003		0.0215	0.0215		0.0215	0.0215	0.0000	916.2677	916.2677	0.0573	0.0119	921.2353
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	**2.6445**	**0.2663**	**0.1204**	**1.6900e-003**	**0.0000**	**0.0215**	**0.0215**	**0.0000**	**0.0215**	**0.0215**	**0.0000**	**916.2677**	**916.2677**	**0.0573**	**0.0119**	**921.2353**

	ROG	NOx	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	1/1/2031	4/16/2031	5	76	
2	Site Prep	Site Preparation	4/17/2031	6/9/2031	5	38	
3	Grading	Grading	6/10/2031	9/23/2031	5	76	

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4	Utilities Trenching	Trenching	9/24/2031	1/7/2032	5	76	
5	Building Construction	Building Construction	1/8/2032	5/21/2035	5	878	
6	Paving	Paving	1/8/2032	2/4/2032	5	20	
7	Architectural Coating P2A & Phase 2 Equip	Architectural Coating	4/18/2034	12/21/2035	5	439	
8	Architectural Coating P2B	Architectural Coating	4/18/2034	12/21/2035	5	439	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 152

Acres of Paving: 0

Residential Indoor: 1,215,000; Residential Outdoor: 405,000; Non-Residential Indoor: 175,577; Non-Residential Outdoor: 58,526; Striped Parking Area: 20,664 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	4	8.00	81	0.73
Demolition	Excavators	8	8.00	158	0.38
Demolition	Generator Sets	4	8.00	84	0.74
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	4	8.00	203	0.36
Demolition	Sweepers/Scrubbers	4	8.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	8	8.00	97	0.37
Site Prep	Rubber Tired Dozers	0	8.00	247	0.40
Site Prep	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site Prep	Trenchers	4	8.00	78	0.50
Grading	Air Compressors	8	8.00	78	0.48
Grading	Excavators	8	8.00	158	0.38
Grading	Generator Sets	4	8.00	84	0.74
Grading	Graders	0	8.00	187	0.41
Grading	Plate Compactors	4	8.00	8	0.43

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Grading	Pumps	4	8.00	84	0.74
Grading	Rough Terrain Forklifts	4	8.00	100	0.40
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Scrapers	2	8.00	367	0.48
Grading	Sweepers/Scrubbers	4	8.00	64	0.46
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	12	8.00	97	0.37
Grading	Welders	8	8.00	46	0.45
Utilities Trenching	Air Compressors	4	8.00	78	0.48
Utilities Trenching	Concrete/Industrial Saws	4	8.00	81	0.73
Utilities Trenching	Excavators	4	8.00	158	0.38
Utilities Trenching	Generator Sets	4	8.00	84	0.74
Utilities Trenching	Paving Equipment	4	8.00	132	0.36
Utilities Trenching	Rollers	4	8.00	80	0.38
Utilities Trenching	Rubber Tired Loaders	4	8.00	203	0.36
Utilities Trenching	Signal Boards	4	8.00	6	0.82
Utilities Trenching	Surfacing Equipment	4	8.00	263	0.30
Utilities Trenching	Sweepers/Scrubbers	4	4.00	64	0.46
Utilities Trenching	Tractors/Loaders/Backhoes	8	8.00	97	0.37
Building Construction	Air Compressors	4	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	4	8.00	9	0.56
Building Construction	Cranes	4	8.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Rough Terrain Forklifts	4	8.00	100	0.40
Building Construction	Sweepers/Scrubbers	4	4.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Paving	Generator Sets	4	8.00	84	0.74
Paving	Pavers	4	8.00	130	0.42
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Plate Compactors	4	8.00	8	0.43
Paving	Rollers	4	8.00	80	0.38
Paving	Signal Boards	4	8.00	6	0.82
Paving	Sweepers/Scrubbers	4	4.00	64	0.46
Architectural Coating P2A & Phase 2 Equip	Air Compressors	4	8.00	78	0.48
Architectural Coating P2A & Phase 2 Equip	Cement and Mortar Mixers	8	8.00	9	0.56
Architectural Coating P2A & Phase 2 Equip	Pressure Washers	4	8.00	13	0.30
Architectural Coating P2B	Air Compressors	0	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	32	80.00	0.00	686.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Site Prep	4	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	58	145.00	0.00	8,295.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Utilities Trenching	48	60.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	20	504.00	90.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	28	70.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating P2A & Phase 2 Equip	16	101.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating P2B	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

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3.2 Demolition - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0742	0.0000	0.0742	0.0112	0.0000	0.0112	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2473	1.2720	3.4146	6.6900e-003		0.0307	0.0307		0.0307	0.0307	0.0000	574.4988	574.4988	0.0197	0.0000	574.9922
Total	**0.2473**	**1.2720**	**3.4146**	**6.6900e-003**	**0.0742**	**0.0307**	**0.1049**	**0.0112**	**0.0307**	**0.0419**	**0.0000**	**574.4988**	**574.4988**	**0.0197**	**0.0000**	**574.9922**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1700e-003	0.1013	0.0250	4.1000e-004	0.0148	6.7000e-004	0.0154	4.0500e-003	6.4000e-004	4.6900e-003	0.0000	41.7068	41.7068	2.9200e-003	6.6400e-003	43.7595
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9500e-003	3.7400e-003	0.0676	2.3000e-004	0.0333	1.3000e-004	0.0334	8.8500e-003	1.2000e-004	8.9700e-003	0.0000	23.1252	23.1252	3.5000e-004	4.6000e-004	23.2700
Total	**7.1200e-003**	**0.1050**	**0.0925**	**6.4000e-004**	**0.0481**	**8.0000e-004**	**0.0489**	**0.0129**	**7.6000e-004**	**0.0137**	**0.0000**	**64.8320**	**64.8320**	**3.2700e-003**	**7.1000e-003**	**67.0295**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0334	0.0000	0.0334	5.0500e-003	0.0000	5.0500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0910	0.5195	3.0045	5.6900e-003		0.0103	0.0103		0.0103	0.0103	0.0000	488.5867	488.5867	0.0173	0.0000	489.0196
Total	**0.0910**	**0.5195**	**3.0045**	**5.6900e-003**	**0.0334**	**0.0103**	**0.0437**	**5.0500e-003**	**0.0103**	**0.0154**	**0.0000**	**488.5867**	**488.5867**	**0.0173**	**0.0000**	**489.0196**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1700e-003	0.1013	0.0250	4.1000e-004	0.0148	6.7000e-004	0.0154	4.0500e-003	6.4000e-004	4.6900e-003	0.0000	41.7068	41.7068	2.9200e-003	6.6400e-003	43.7595
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9500e-003	3.7400e-003	0.0676	2.3000e-004	0.0333	1.3000e-004	0.0334	8.8500e-003	1.2000e-004	8.9700e-003	0.0000	23.1252	23.1252	3.5000e-004	4.6000e-004	23.2700
Total	**7.1200e-003**	**0.1050**	**0.0925**	**6.4000e-004**	**0.0481**	**8.0000e-004**	**0.0489**	**0.0129**	**7.6000e-004**	**0.0137**	**0.0000**	**64.8320**	**64.8320**	**3.2700e-003**	**7.1000e-003**	**67.0295**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Prep - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	0.0214	0.1338	0.1957	3.1000e-004		6.9000e-003	6.9000e-003		6.9000e-003	6.9000e-003	0.0000	26.9510	26.9510	1.7100e-003	0.0000	26.9937
Total	**0.0214**	**0.1338**	**0.1957**	**3.1000e-004**	**0.0000**	**6.9000e-003**	**6.9000e-003**	**0.0000**	**6.9000e-003**	**6.9000e-003**	**0.0000**	**26.9510**	**26.9510**	**1.7100e-003**	**0.0000**	**26.9937**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.4000e-004	4.7000e-004	8.4500e-003	3.0000e-005	4.1600e-003	2.0000e-005	4.1800e-003	1.1100e-003	1.0000e-005	1.1200e-003	0.0000	2.8907	2.8907	4.0000e-005	6.0000e-005	2.9088
Total	**7.4000e-004**	**4.7000e-004**	**8.4500e-003**	**3.0000e-005**	**4.1600e-003**	**2.0000e-005**	**4.1800e-003**	**1.1100e-003**	**1.0000e-005**	**1.1200e-003**	**0.0000**	**2.8907**	**2.8907**	**4.0000e-005**	**6.0000e-005**	**2.9088**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Prep - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.1400e-003	0.0136	0.1934	3.1000e-004		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004	0.0000	26.9510	26.9510	1.7100e-003	0.0000	26.9937
Total	**3.1400e-003**	**0.0136**	**0.1934**	**3.1000e-004**	**0.0000**	**4.2000e-004**	**4.2000e-004**	**0.0000**	**4.2000e-004**	**4.2000e-004**	**0.0000**	**26.9510**	**26.9510**	**1.7100e-003**	**0.0000**	**26.9937**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.4000e-004	4.7000e-004	8.4500e-003	3.0000e-005	4.1600e-003	2.0000e-005	4.1800e-003	1.1100e-003	1.0000e-005	1.1200e-003	0.0000	2.8907	2.8907	4.0000e-005	6.0000e-005	2.9088
Total	**7.4000e-004**	**4.7000e-004**	**8.4500e-003**	**3.0000e-005**	**4.1600e-003**	**2.0000e-005**	**4.1800e-003**	**1.1100e-003**	**1.0000e-005**	**1.1200e-003**	**0.0000**	**2.8907**	**2.8907**	**4.0000e-005**	**6.0000e-005**	**2.9088**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Grading - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0806	0.0000	0.0806	8.7000e-003	0.0000	8.7000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4295	2.4900	5.4842	0.0100		0.0573	0.0573		0.0573	0.0573	0.0000	869.7713	869.7713	0.0345	0.0000	870.6348
Total	**0.4295**	**2.4900**	**5.4842**	**0.0100**	**0.0806**	**0.0573**	**0.1379**	**8.7000e-003**	**0.0573**	**0.0660**	**0.0000**	**869.7713**	**869.7713**	**0.0345**	**0.0000**	**870.6348**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0142	1.2248	0.3018	5.0000e-003	0.1783	8.0900e-003	0.1864	0.0490	7.7400e-003	0.0567	0.0000	504.3114	504.3114	0.0353	0.0803	529.1328
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0108	6.7900e-003	0.1225	4.2000e-004	0.0604	2.3000e-004	0.0606	0.0160	2.1000e-004	0.0163	0.0000	41.9145	41.9145	6.3000e-004	8.3000e-004	42.1769
Total	**0.0250**	**1.2316**	**0.4243**	**5.4200e-003**	**0.2387**	**8.3200e-003**	**0.2470**	**0.0650**	**7.9500e-003**	**0.0730**	**0.0000**	**546.2259**	**546.2259**	**0.0359**	**0.0812**	**571.3097**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Grading - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0363	0.0000	0.0363	3.9200e-003	0.0000	3.9200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0888	0.5598	4.8266	8.1700e-003		0.0112	0.0112		0.0112	0.0112	0.0000	721.8855	721.8855	0.0276	0.0000	722.5754
Total	**0.0888**	**0.5598**	**4.8266**	**8.1700e-003**	**0.0363**	**0.0112**	**0.0475**	**3.9200e-003**	**0.0112**	**0.0151**	**0.0000**	**721.8855**	**721.8855**	**0.0276**	**0.0000**	**722.5754**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0142	1.2248	0.3018	5.0000e-003	0.1783	8.0900e-003	0.1864	0.0490	7.7400e-003	0.0567	0.0000	504.3114	504.3114	0.0353	0.0803	529.1328
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0108	6.7900e-003	0.1225	4.2000e-004	0.0604	2.3000e-004	0.0606	0.0160	2.1000e-004	0.0163	0.0000	41.9145	41.9145	6.3000e-004	8.3000e-004	42.1769
Total	**0.0250**	**1.2316**	**0.4243**	**5.4200e-003**	**0.2387**	**8.3200e-003**	**0.2470**	**0.0650**	**7.9500e-003**	**0.0730**	**0.0000**	**546.2259**	**546.2259**	**0.0359**	**0.0812**	**571.3097**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Utilities Trenching - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3130	1.7212	3.8055	7.9400e-003		0.0485	0.0485		0.0485	0.0485	0.0000	697.3509	697.3509	0.0251	0.0000	697.9772
Total	**0.3130**	**1.7212**	**3.8055**	**7.9400e-003**		**0.0485**	**0.0485**		**0.0485**	**0.0485**	**0.0000**	**697.3509**	**697.3509**	**0.0251**	**0.0000**	**697.9772**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1700e-003	2.6200e-003	0.0473	1.6000e-004	0.0233	9.0000e-005	0.0234	6.2000e-003	8.0000e-005	6.2800e-003	0.0000	16.2029	16.2029	2.4000e-004	3.2000e-004	16.3043
Total	**4.1700e-003**	**2.6200e-003**	**0.0473**	**1.6000e-004**	**0.0233**	**9.0000e-005**	**0.0234**	**6.2000e-003**	**8.0000e-005**	**6.2800e-003**	**0.0000**	**16.2029**	**16.2029**	**2.4000e-004**	**3.2000e-004**	**16.3043**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Utilities Trenching - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1281	0.6030	3.5709	6.9100e-003		0.0194	0.0194		0.0194	0.0194	0.0000	610.7381	610.7381	0.0221	0.0000	611.2915
Total	**0.1281**	**0.6030**	**3.5709**	**6.9100e-003**		**0.0194**	**0.0194**		**0.0194**	**0.0194**	**0.0000**	**610.7381**	**610.7381**	**0.0221**	**0.0000**	**611.2915**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1700e-003	2.6200e-003	0.0473	1.6000e-004	0.0233	9.0000e-005	0.0234	6.2000e-003	8.0000e-005	6.2800e-003	0.0000	16.2029	16.2029	2.4000e-004	3.2000e-004	16.3043
Total	**4.1700e-003**	**2.6200e-003**	**0.0473**	**1.6000e-004**	**0.0233**	**9.0000e-005**	**0.0234**	**6.2000e-003**	**8.0000e-005**	**6.2800e-003**	**0.0000**	**16.2029**	**16.2029**	**2.4000e-004**	**3.2000e-004**	**16.3043**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Utilities Trenching - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0220	0.1212	0.2680	5.6000e-004		3.4100e-003	3.4100e-003		3.4100e-003	3.4100e-003	0.0000	49.1092	49.1092	1.7600e-003	0.0000	49.1533
Total	**0.0220**	**0.1212**	**0.2680**	**5.6000e-004**		**3.4100e-003**	**3.4100e-003**		**3.4100e-003**	**3.4100e-003**	**0.0000**	**49.1092**	**49.1092**	**1.7600e-003**	**0.0000**	**49.1533**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	1.7000e-004	3.2200e-003	1.0000e-005	1.6400e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.4000e-004	0.0000	1.1279	1.1279	2.0000e-005	2.0000e-005	1.1349
Total	**2.8000e-004**	**1.7000e-004**	**3.2200e-003**	**1.0000e-005**	**1.6400e-003**	**1.0000e-005**	**1.6500e-003**	**4.4000e-004**	**1.0000e-005**	**4.4000e-004**	**0.0000**	**1.1279**	**1.1279**	**2.0000e-005**	**2.0000e-005**	**1.1349**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Utilities Trenching - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.0200e-003	0.0425	0.2515	4.9000e-004		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003	0.0000	43.0097	43.0097	1.5600e-003	0.0000	43.0487
Total	**9.0200e-003**	**0.0425**	**0.2515**	**4.9000e-004**		**1.3700e-003**	**1.3700e-003**		**1.3700e-003**	**1.3700e-003**	**0.0000**	**43.0097**	**43.0097**	**1.5600e-003**	**0.0000**	**43.0487**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	1.7000e-004	3.2200e-003	1.0000e-005	1.6400e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.4000e-004	0.0000	1.1279	1.1279	2.0000e-005	2.0000e-005	1.1349
Total	**2.8000e-004**	**1.7000e-004**	**3.2200e-003**	**1.0000e-005**	**1.6400e-003**	**1.0000e-005**	**1.6500e-003**	**4.4000e-004**	**1.0000e-005**	**4.4000e-004**	**0.0000**	**1.1279**	**1.1279**	**2.0000e-005**	**2.0000e-005**	**1.1349**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3918	2.0456	3.9320	9.0200e-003		0.0512	0.0512		0.0512	0.0512	0.0000	767.3733	767.3733	0.0316	0.0000	768.1622
Total	**0.3918**	**2.0456**	**3.9320**	**9.0200e-003**		**0.0512**	**0.0512**		**0.0512**	**0.0512**	**0.0000**	**767.3733**	**767.3733**	**0.0316**	**0.0000**	**768.1622**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0109	0.4441	0.1601	1.8200e-003	0.0729	2.1500e-003	0.0750	0.0210	2.0600e-003	0.0231	0.0000	178.7758	178.7758	7.4200e-003	0.0258	186.6577
Worker	0.1196	0.0747	1.3908	4.9000e-003	0.7097	2.5600e-003	0.7122	0.1885	2.3600e-003	0.1909	0.0000	486.9973	486.9973	6.9200e-003	9.4500e-003	489.9852
Total	**0.1305**	**0.5188**	**1.5509**	**6.7200e-003**	**0.7826**	**4.7100e-003**	**0.7873**	**0.2095**	**4.4200e-003**	**0.2140**	**0.0000**	**665.7731**	**665.7731**	**0.0143**	**0.0353**	**676.6429**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0946	0.7061	4.4273	8.6600e-003		0.0115	0.0115		0.0115	0.0115	0.0000	743.8170	743.8170	0.0291	0.0000	744.5448
Total	**0.0946**	**0.7061**	**4.4273**	**8.6600e-003**		**0.0115**	**0.0115**		**0.0115**	**0.0115**	**0.0000**	**743.8170**	**743.8170**	**0.0291**	**0.0000**	**744.5448**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0109	0.4441	0.1601	1.8200e-003	0.0729	2.1500e-003	0.0750	0.0210	2.0600e-003	0.0231	0.0000	178.7758	178.7758	7.4200e-003	0.0258	186.6577
Worker	0.1196	0.0747	1.3908	4.9000e-003	0.7097	2.5600e-003	0.7122	0.1885	2.3600e-003	0.1909	0.0000	486.9973	486.9973	6.9200e-003	9.4500e-003	489.9852
Total	**0.1305**	**0.5188**	**1.5509**	**6.7200e-003**	**0.7826**	**4.7100e-003**	**0.7873**	**0.2095**	**4.4200e-003**	**0.2140**	**0.0000**	**665.7731**	**665.7731**	**0.0143**	**0.0353**	**676.6429**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3964	2.0695	3.9779	9.1300e-003		0.0518	0.0518		0.0518	0.0518	0.0000	776.3310	776.3310	0.0319	0.0000	777.1291
Total	**0.3964**	**2.0695**	**3.9779**	**9.1300e-003**		**0.0518**	**0.0518**		**0.0518**	**0.0518**	**0.0000**	**776.3310**	**776.3310**	**0.0319**	**0.0000**	**777.1291**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0110	0.4473	0.1622	1.8100e-003	0.0737	2.1600e-003	0.0759	0.0213	2.0700e-003	0.0234	0.0000	178.2227	178.2227	7.5600e-003	0.0258	186.0853
Worker	0.1146	0.0714	1.3646	4.8800e-003	0.7180	2.4400e-003	0.7204	0.1907	2.2400e-003	0.1929	0.0000	487.6520	487.6520	6.5500e-003	9.3200e-003	490.5933
Total	**0.1256**	**0.5187**	**1.5268**	**6.6900e-003**	**0.7917**	**4.6000e-003**	**0.7963**	**0.2120**	**4.3100e-003**	**0.2163**	**0.0000**	**665.8746**	**665.8746**	**0.0141**	**0.0351**	**676.6786**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0957	0.7143	4.4790	8.7600e-003		0.0117	0.0117		0.0117	0.0117	0.0000	752.4997	752.4997	0.0295	0.0000	753.2359
Total	**0.0957**	**0.7143**	**4.4790**	**8.7600e-003**		**0.0117**	**0.0117**		**0.0117**	**0.0117**	**0.0000**	**752.4997**	**752.4997**	**0.0295**	**0.0000**	**753.2359**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0110	0.4473	0.1622	1.8100e-003	0.0737	2.1600e-003	0.0759	0.0213	2.0700e-003	0.0234	0.0000	178.2227	178.2227	7.5600e-003	0.0258	186.0853
Worker	0.1146	0.0714	1.3646	4.8800e-003	0.7180	2.4400e-003	0.7204	0.1907	2.2400e-003	0.1929	0.0000	487.6520	487.6520	6.5500e-003	9.3200e-003	490.5933
Total	**0.1256**	**0.5187**	**1.5268**	**6.6900e-003**	**0.7917**	**4.6000e-003**	**0.7963**	**0.2120**	**4.3100e-003**	**0.2163**	**0.0000**	**665.8746**	**665.8746**	**0.0141**	**0.0351**	**676.6786**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3964	2.0695	3.9779	9.1300e-003		0.0518	0.0518		0.0518	0.0518	0.0000	776.3310	776.3310	0.0319	0.0000	777.1291
Total	**0.3964**	**2.0695**	**3.9779**	**9.1300e-003**		**0.0518**	**0.0518**		**0.0518**	**0.0518**	**0.0000**	**776.3310**	**776.3310**	**0.0319**	**0.0000**	**777.1291**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0109	0.4453	0.1625	1.7900e-003	0.0737	2.1500e-003	0.0759	0.0213	2.0600e-003	0.0233	0.0000	175.7443	175.7443	7.6000e-003	0.0254	183.5021
Worker	0.1089	0.0679	1.3257	4.8200e-003	0.7180	2.2900e-003	0.7203	0.1907	2.1100e-003	0.1928	0.0000	483.2198	483.2198	6.1300e-003	9.1200e-003	486.0916
Total	**0.1199**	**0.5131**	**1.4882**	**6.6100e-003**	**0.7917**	**4.4400e-003**	**0.7962**	**0.2120**	**4.1700e-003**	**0.2161**	**0.0000**	**658.9642**	**658.9642**	**0.0137**	**0.0345**	**669.5938**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0957	0.7143	4.4790	8.7600e-003		0.0117	0.0117		0.0117	0.0117	0.0000	752.4997	752.4997	0.0295	0.0000	753.2359
Total	**0.0957**	**0.7143**	**4.4790**	**8.7600e-003**		**0.0117**	**0.0117**		**0.0117**	**0.0117**	**0.0000**	**752.4997**	**752.4997**	**0.0295**	**0.0000**	**753.2359**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0109	0.4453	0.1625	1.7900e-003	0.0737	2.1500e-003	0.0759	0.0213	2.0600e-003	0.0233	0.0000	175.7443	175.7443	7.6000e-003	0.0254	183.5021
Worker	0.1089	0.0679	1.3257	4.8200e-003	0.7180	2.2900e-003	0.7203	0.1907	2.1100e-003	0.1928	0.0000	483.2198	483.2198	6.1300e-003	9.1200e-003	486.0916
Total	**0.1199**	**0.5131**	**1.4882**	**6.6100e-003**	**0.7917**	**4.4400e-003**	**0.7962**	**0.2120**	**4.1700e-003**	**0.2161**	**0.0000**	**658.9642**	**658.9642**	**0.0137**	**0.0345**	**669.5938**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1427	0.6849	1.5427	3.5500e-003		0.0131	0.0131		0.0131	0.0131	0.0000	301.5747	301.5747	0.0114	0.0000	301.8602
Total	**0.1427**	**0.6849**	**1.5427**	**3.5500e-003**		**0.0131**	**0.0131**		**0.0131**	**0.0131**	**0.0000**	**301.5747**	**301.5747**	**0.0114**	**0.0000**	**301.8602**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	0.1723	0.0633	6.9000e-004	0.0287	8.3000e-004	0.0295	8.2700e-003	7.9000e-004	9.0600e-003	0.0000	67.4004	67.4004	2.9700e-003	9.7400e-003	70.3773
Worker	0.0404	0.0253	0.5023	1.8500e-003	0.2789	8.4000e-004	0.2797	0.0741	7.7000e-004	0.0749	0.0000	186.2406	186.2406	2.2400e-003	3.4800e-003	187.3350
Total	**0.0446**	**0.1976**	**0.5656**	**2.5400e-003**	**0.3076**	**1.6700e-003**	**0.3092**	**0.0824**	**1.5600e-003**	**0.0839**	**0.0000**	**253.6410**	**253.6410**	**5.2100e-003**	**0.0132**	**257.7123**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0372	0.2775	1.7399	3.4000e-003		4.5400e-003	4.5400e-003		4.5400e-003	4.5400e-003	0.0000	292.3172	292.3172	0.0105	0.0000	292.5787
Total	**0.0372**	**0.2775**	**1.7399**	**3.4000e-003**		**4.5400e-003**	**4.5400e-003**		**4.5400e-003**	**4.5400e-003**	**0.0000**	**292.3172**	**292.3172**	**0.0105**	**0.0000**	**292.5787**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	0.1723	0.0633	6.9000e-004	0.0287	8.3000e-004	0.0295	8.2700e-003	7.9000e-004	9.0600e-003	0.0000	67.4004	67.4004	2.9700e-003	9.7400e-003	70.3773
Worker	0.0404	0.0253	0.5023	1.8500e-003	0.2789	8.4000e-004	0.2797	0.0741	7.7000e-004	0.0749	0.0000	186.2406	186.2406	2.2400e-003	3.4800e-003	187.3350
Total	**0.0446**	**0.1976**	**0.5656**	**2.5400e-003**	**0.3076**	**1.6700e-003**	**0.3092**	**0.0824**	**1.5600e-003**	**0.0839**	**0.0000**	**253.6410**	**253.6410**	**5.2100e-003**	**0.0132**	**257.7123**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Paving - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0421	0.2553	0.5213	9.3000e-004		9.2900e-003	9.2900e-003		9.2900e-003	9.2900e-003	0.0000	79.2018	79.2018	3.4300e-003	0.0000	79.2875
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0421**	**0.2553**	**0.5213**	**9.3000e-004**		**9.2900e-003**	**9.2900e-003**		**9.2900e-003**	**9.2900e-003**	**0.0000**	**79.2018**	**79.2018**	**3.4300e-003**	**0.0000**	**79.2875**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2900e-003	8.1000e-004	0.0150	5.0000e-005	7.6700e-003	3.0000e-005	7.7000e-003	2.0400e-003	3.0000e-005	2.0600e-003	0.0000	5.2637	5.2637	7.0000e-005	1.0000e-004	5.2960
Total	**1.2900e-003**	**8.1000e-004**	**0.0150**	**5.0000e-005**	**7.6700e-003**	**3.0000e-005**	**7.7000e-003**	**2.0400e-003**	**3.0000e-005**	**2.0600e-003**	**0.0000**	**5.2637**	**5.2637**	**7.0000e-005**	**1.0000e-004**	**5.2960**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Paving - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0146	0.0897	0.3711	6.2000e-004		2.9100e-003	2.9100e-003		2.9100e-003	2.9100e-003	0.0000	53.5528	53.5528	2.4800e-003	0.0000	53.6147
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0146**	**0.0897**	**0.3711**	**6.2000e-004**		**2.9100e-003**	**2.9100e-003**		**2.9100e-003**	**2.9100e-003**	**0.0000**	**53.5528**	**53.5528**	**2.4800e-003**	**0.0000**	**53.6147**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2900e-003	8.1000e-004	0.0150	5.0000e-005	7.6700e-003	3.0000e-005	7.7000e-003	2.0400e-003	3.0000e-005	2.0600e-003	0.0000	5.2637	5.2637	7.0000e-005	1.0000e-004	5.2960
Total	**1.2900e-003**	**8.1000e-004**	**0.0150**	**5.0000e-005**	**7.6700e-003**	**3.0000e-005**	**7.7000e-003**	**2.0400e-003**	**3.0000e-005**	**2.0600e-003**	**0.0000**	**5.2637**	**5.2637**	**7.0000e-005**	**1.0000e-004**	**5.2960**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Architectural Coating P2A & Phase 2 Equip - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.0343					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1224	0.7965	1.1969	2.1800e-003		0.0247	0.0247		0.0247	0.0247	0.0000	172.0588	172.0588	9.7900e-003	0.0000	172.3035
Total	**1.1566**	**0.7965**	**1.1969**	**2.1800e-003**		**0.0247**	**0.0247**		**0.0247**	**0.0247**	**0.0000**	**172.0588**	**172.0588**	**9.7900e-003**	**0.0000**	**172.3035**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0155	9.6300e-003	0.1880	6.8000e-004	0.1018	3.2000e-004	0.1022	0.0270	3.0000e-004	0.0273	0.0000	68.5299	68.5299	8.7000e-004	1.2900e-003	68.9372
Total	**0.0155**	**9.6300e-003**	**0.1880**	**6.8000e-004**	**0.1018**	**3.2000e-004**	**0.1022**	**0.0270**	**3.0000e-004**	**0.0273**	**0.0000**	**68.5299**	**68.5299**	**8.7000e-004**	**1.2900e-003**	**68.9372**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Architectural Coating P2A & Phase 2 Equip - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.0343					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0146	0.0632	0.8991	1.6600e-003		1.9400e-003	1.9400e-003		1.9400e-003	1.9400e-003	0.0000	138.3295	138.3295	6.2900e-003	0.0000	138.4867
Total	**1.0488**	**0.0632**	**0.8991**	**1.6600e-003**		**1.9400e-003**	**1.9400e-003**		**1.9400e-003**	**1.9400e-003**	**0.0000**	**138.3295**	**138.3295**	**6.2900e-003**	**0.0000**	**138.4867**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0155	9.6300e-003	0.1880	6.8000e-004	0.1018	3.2000e-004	0.1022	0.0270	3.0000e-004	0.0273	0.0000	68.5299	68.5299	8.7000e-004	1.2900e-003	68.9372
Total	**0.0155**	**9.6300e-003**	**0.1880**	**6.8000e-004**	**0.1018**	**3.2000e-004**	**0.1022**	**0.0270**	**3.0000e-004**	**0.0273**	**0.0000**	**68.5299**	**68.5299**	**8.7000e-004**	**1.2900e-003**	**68.9372**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Architectural Coating P2A & Phase 2 Equip - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4333					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1607	1.0361	1.6564	3.0300e-003		0.0270	0.0270		0.0270	0.0270	0.0000	238.4510	238.4510	0.0130	0.0000	238.7749
Total	**1.5941**	**1.0361**	**1.6564**	**3.0300e-003**		**0.0270**	**0.0270**		**0.0270**	**0.0270**	**0.0000**	**238.4510**	**238.4510**	**0.0130**	**0.0000**	**238.7749**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0204	0.0128	0.2542	9.3000e-004	0.1411	4.2000e-004	0.1415	0.0375	3.9000e-004	0.0379	0.0000	94.2289	94.2289	1.1400e-003	1.7600e-003	94.7826
Total	**0.0204**	**0.0128**	**0.2542**	**9.3000e-004**	**0.1411**	**4.2000e-004**	**0.1415**	**0.0375**	**3.9000e-004**	**0.0379**	**0.0000**	**94.2289**	**94.2289**	**1.1400e-003**	**1.7600e-003**	**94.7826**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Architectural Coating P2A & Phase 2 Equip - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4333					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0202	0.0876	1.2460	2.3000e-003		2.6900e-003	2.6900e-003		2.6900e-003	2.6900e-003	0.0000	191.7066	191.7066	8.1000e-003	0.0000	191.9092
Total	**1.4536**	**0.0876**	**1.2460**	**2.3000e-003**		**2.6900e-003**	**2.6900e-003**		**2.6900e-003**	**2.6900e-003**	**0.0000**	**191.7066**	**191.7066**	**8.1000e-003**	**0.0000**	**191.9092**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0204	0.0128	0.2542	9.3000e-004	0.1411	4.2000e-004	0.1415	0.0375	3.9000e-004	0.0379	0.0000	94.2289	94.2289	1.1400e-003	1.7600e-003	94.7826
Total	**0.0204**	**0.0128**	**0.2542**	**9.3000e-004**	**0.1411**	**4.2000e-004**	**0.1415**	**0.0375**	**3.9000e-004**	**0.0379**	**0.0000**	**94.2289**	**94.2289**	**1.1400e-003**	**1.7600e-003**	**94.7826**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 Architectural Coating P2B - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1786					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	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	**1.1786**	**0.0000**	**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 Construction Off-Site

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

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 Architectural Coating P2B - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1786					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	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	**1.1786**	**0.0000**	**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 Construction Off-Site

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

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 Architectural Coating P2B - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.6334					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	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	**1.6334**	**0.0000**	**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 Construction Off-Site

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

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 Architectural Coating P2B - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6334					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	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	**1.6334**	**0.0000**	**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 Construction Off-Site

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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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
Apartments Mid Rise	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Strip Mall	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
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	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
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
City Park	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
Enclosed Parking with Elevator	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
General Office Building	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
Strip Mall	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	609.0773	609.0773	0.0514	6.2300e-003	612.2194
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	609.0773	609.0773	0.0514	6.2300e-003	612.2194
NaturalGas Mitigated	0.0310	0.2663	0.1204	1.6900e-003		0.0215	0.0215		0.0215	0.0215	0.0000	307.1904	307.1904	5.8900e-003	5.6300e-003	309.0158
NaturalGas Unmitigated	0.0310	0.2663	0.1204	1.6900e-003		0.0215	0.0215		0.0215	0.0215	0.0000	307.1904	307.1904	5.8900e-003	5.6300e-003	309.0158

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	5.40648e+006	0.0292	0.2491	0.1060	1.5900e-003		0.0201	0.0201		0.0201	0.0201	0.0000	288.5104	288.5104	5.5300e-003	5.2900e-003	290.2248
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
Enclosed Parking with Elevator	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
General Office Building	309300	1.6700e-003	0.0152	0.0127	9.0000e-005		1.1500e-003	1.1500e-003		1.1500e-003	1.1500e-003	0.0000	16.5054	16.5054	3.2000e-004	3.0000e-004	16.6035
Strip Mall	40750	2.2000e-004	2.0000e-003	1.6800e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	2.1746	2.1746	4.0000e-005	4.0000e-005	2.1875
Total		**0.0310**	**0.2663**	**0.1204**	**1.6900e-003**		**0.0214**	**0.0214**		**0.0214**	**0.0214**	**0.0000**	**307.1904**	**307.1904**	**5.8900e-003**	**5.6300e-003**	**309.0158**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	5.40648e+006	0.0292	0.2491	0.1060	1.5900e-003		0.0201	0.0201		0.0201	0.0201	0.0000	288.5104	288.5104	5.5300e-003	5.2900e-003	290.2248
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
Enclosed Parking with Elevator	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
General Office Building	309300	1.6700e-003	0.0152	0.0127	9.0000e-005		1.1500e-003	1.1500e-003		1.1500e-003	1.1500e-003	0.0000	16.5054	16.5054	3.2000e-004	3.0000e-004	16.6035
Strip Mall	40750	2.2000e-004	2.0000e-003	1.6800e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	2.1746	2.1746	4.0000e-005	4.0000e-005	2.1875
Total		**0.0310**	**0.2663**	**0.1204**	**1.6900e-003**		**0.0214**	**0.0214**		**0.0214**	**0.0214**	**0.0000**	**307.1904**	**307.1904**	**5.8900e-003**	**5.6300e-003**	**309.0158**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.27732e+006	403.8733	0.0341	4.1300e-003	405.9568
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	668136	118.4909	0.0100	1.2100e-003	119.1022
General Office Building	251700	44.6379	3.7700e-003	4.6000e-004	44.8682
Strip Mall	237250	42.0752	3.5500e-003	4.3000e-004	42.2923
Total		**609.0773**	**0.0514**	**6.2300e-003**	**612.2194**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.27732e+006	403.8733	0.0341	4.1300e-003	405.9568
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	668136	118.4909	0.0100	1.2100e-003	119.1022
General Office Building	251700	44.6379	3.7700e-003	4.6000e-004	44.8682
Strip Mall	237250	42.0752	3.5500e-003	4.3000e-004	42.2923
Total		**609.0773**	**0.0514**	**6.2300e-003**	**612.2194**

6.0 Area Detail

6.1 Mitigation Measures Area

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.6134	0.0000	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	2.6134	0.0000	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	2.6134					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	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	**2.6134**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	2.6134					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	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	**2.6134**	**0.0000**	**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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	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			
Apartments Mid Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	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			
Apartments Mid Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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			
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

OSP - Phase 2 - Construction Mitigation

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	30.00	1000sqft	0.00	30,000.00	0
Enclosed Parking with Elevator	861.00	Space	0.00	344,400.00	0
City Park	1.70	Acre	1.70	74,052.00	0
Apartments Mid Rise	600.00	Dwelling Unit	4.22	600,000.00	1452
Strip Mall	25.00	1000sqft	0.00	25,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2040
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - See Assumptions - Architectural Coating for Phase 2B included as separate phase for AC emissions only. Construciton Equipment is Identical. Result Summaries will overestimate emissions for AC.

Off-road Equipment - ss

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions- Just modeling AC emissions for Phase 2B

Off-road Equipment - see Assumptions

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Off-road Equipment - See Assumptions

Off-road Equipment - see assumptions

Off-road Equipment - see Assumptions

Off-road Equipment - see Assumptions

Off-road Equipment - see Assumptions

Trips and VMT - See Assumptions

Demolition - See Assumptions

Grading - see assumptions

Architectural Coating - See Assumptions - Modeles P2B AC coating emissions.

Vehicle Trips - operational emissions modeled separately

Woodstoves - operational emissions modeled separately

Consumer Products - operational emissions modeled separately

Area Coating - operational emissions modeled separately

Landscape Equipment - operational emissions modeled separately

Energy Use - operational emissions modeled separately

Water And Wastewater - operational emissions modeled separately

Solid Waste - operational emissions modeled separately

Construction Off-road Equipment Mitigation - See Assumptions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	58,526.00	69,231.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	175,577.00	207,692.00
tblArchitecturalCoating	ConstArea_Parking	20,664.00	27,905.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	405,000.00	454,275.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,215,000.00	1,362,825.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	28.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	76.00
tblConstructionPhase	NumDays	10.00	38.00
tblConstructionPhase	NumDays	20.00	76.00
tblConstructionPhase	NumDays	230.00	878.00
tblConstructionPhase	NumDays	20.00	439.00
tblConstructionPhase	NumDays	20.00	439.00
tblEnergyUse	T24E	35.05	0.00
tblEnergyUse	T24E	3.50	0.00
tblEnergyUse	T24E	4.11	0.00
tblEnergyUse	T24E	3.58	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	NumberGas	510.00	0.00
tblFireplaces	NumberNoFireplace	60.00	0.00
tblFireplaces	NumberWood	30.00	0.00
tblGrading	MaterialExported	0.00	110,043.00
tblLandscapeEquipment	NumberSummerDays	250	0
tblLandUse	LotAcreage	0.69	0.00
tblLandUse	LotAcreage	7.75	0.00
tblLandUse	LotAcreage	15.79	4.22
tblLandUse	LotAcreage	0.57	0.00
tblLandUse	Population	1,716.00	1,452.00

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblSolidWaste	SolidWasteGenerationRate	276.00	0.00
tblSolidWaste	SolidWasteGenerationRate	0.15	0.00
tblSolidWaste	SolidWasteGenerationRate	27.90	0.00
tblSolidWaste	SolidWasteGenerationRate	26.25	0.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	10,881.00	8,295.00

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblTripsAndVMT	VendorTripNumber	142.00	90.00
tblTripsAndVMT	WorkerTripNumber	10.00	20.00
tblTripsAndVMT	WorkerTripNumber	120.00	60.00
tblTripsAndVMT	WorkerTripNumber	625.00	504.00
tblTripsAndVMT	WorkerTripNumber	125.00	101.00
tblTripsAndVMT	WorkerTripNumber	125.00	0.00
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	9.74	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	39,092,415.37	0.00
tblWater	IndoorWaterUseRate	5,332,012.44	0.00
tblWater	IndoorWaterUseRate	1,851,813.04	0.00
tblWater	OutdoorWaterUseRate	24,645,218.39	0.00
tblWater	OutdoorWaterUseRate	2,025,518.29	0.00
tblWater	OutdoorWaterUseRate	3,268,007.62	0.00
tblWater	OutdoorWaterUseRate	1,134,982.18	0.00
tblWoodstoves	NumberCatalytic	30.00	0.00
tblWoodstoves	NumberNoncatalytic	30.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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					
2031	11.9664	96.2163	155.6561	0.4068	8.5153	1.7279	10.2433	1.9674	1.7183	3.6857	0.0000	41,121.0497	41,121.0497	2.0436	2.3519	41,873.0198
2032	8.9273	48.5470	108.5598	0.2285	6.9925	1.3678	8.3599	1.8676	1.3677	3.2324	0.0000	22,170.6105	22,170.6105	0.7848	0.3066	22,192.8901
2033	4.0156	19.6868	42.9263	0.1232	6.2101	0.4342	6.6442	1.6601	0.4319	2.0920	0.0000	12,392.4960	12,392.4960	0.3892	0.2912	12,488.9873
2034	29.5208	28.3988	57.7800	0.1539	7.3390	0.7049	8.0439	1.9595	0.7025	2.6620	0.0000	15,247.8178	15,247.8178	0.5135	0.3009	15,350.3351
2035	29.1794	25.4760	57.3938	0.1532	7.3390	0.5070	7.8460	1.9595	0.5047	2.4642	0.0000	15,188.7730	15,188.7730	0.4836	0.2968	15,289.3065
Maximum	**29.5208**	**96.2163**	**155.6561**	**0.4068**	**8.5153**	**1.7279**	**10.2433**	**1.9674**	**1.7183**	**3.6857**	**0.0000**	**41,121.0497**	**41,121.0497**	**2.0436**	**2.3519**	**41,873.0198**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2031	3.7263	45.4218	138.3516	0.3581	7.3488	0.5495	7.8624	1.8414	0.5493	2.3454	0.0000	36,831.1720	36,831.1720	1.8423	2.3519	37,578.1093
2032	3.7196	18.3502	101.9519	0.1994	6.9925	0.5494	7.4127	1.8676	0.5492	2.2852	0.0000	19,481.2180	19,481.2180	0.6942	0.3066	19,501.2316
2033	1.7022	9.2620	46.7805	0.1204	6.2101	0.1252	6.3353	1.6601	0.1230	1.7830	0.0000	12,190.4308	12,190.4308	0.3682	0.2912	12,286.3976
2034	26.0357	10.0028	58.3976	0.1454	7.3390	0.1486	7.4876	1.9595	0.1462	2.1057	0.0000	14,641.6220	14,641.6220	0.4506	0.3009	14,742.5660
2035	25.9880	9.9679	58.0809	0.1447	7.3390	0.1473	7.4864	1.9595	0.1450	2.1045	0.0000	14,582.5772	14,582.5772	0.4206	0.2968	14,681.5373
Maximum	**26.0357**	**45.4218**	**138.3516**	**0.3581**	**7.3488**	**0.5495**	**7.8624**	**1.9595**	**0.5493**	**2.3454**	**0.0000**	**36,831.1720**	**36,831.1720**	**1.8423**	**2.3519**	**37,578.1093**

	ROG	NOx	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	**26.84**	**57.40**	**4.44**	**9.17**	**3.21**	**67.94**	**11.07**	**1.34**	**67.99**	**24.85**	**0.00**	**7.91**	**7.91**	**10.41**	**0.00**	**7.84**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	15.8028	0.5697	49.3764	2.6200e-003		0.2748	0.2748		0.2748	0.2748	0.0000	89.3322	89.3322	0.0854	0.0000	91.4661
Energy	0.1701	1.4591	0.6599	9.2800e-003		0.1175	0.1175		0.1175	0.1175		1,855.4488	1,855.4488	0.0356	0.0340	1,866.4748
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
Total	**15.9728**	**2.0288**	**50.0363**	**0.0119**	**0.0000**	**0.3924**	**0.3924**	**0.0000**	**0.3924**	**0.3924**	**0.0000**	**1,944.7811**	**1,944.7811**	**0.1209**	**0.0340**	**1,957.9410**

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	15.8028	0.5697	49.3764	2.6200e-003		0.2748	0.2748		0.2748	0.2748	0.0000	89.3322	89.3322	0.0854	0.0000	91.4661
Energy	0.1701	1.4591	0.6599	9.2800e-003		0.1175	0.1175		0.1175	0.1175		1,855.4488	1,855.4488	0.0356	0.0340	1,866.4748
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
Total	**15.9728**	**2.0288**	**50.0363**	**0.0119**	**0.0000**	**0.3924**	**0.3924**	**0.0000**	**0.3924**	**0.3924**	**0.0000**	**1,944.7811**	**1,944.7811**	**0.1209**	**0.0340**	**1,957.9410**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	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	1/1/2031	4/16/2031	5	76	
2	Site Prep	Site Preparation	4/17/2031	6/9/2031	5	38	
3	Grading	Grading	6/10/2031	9/23/2031	5	76	
4	Utilities Trenching	Trenching	9/24/2031	1/7/2032	5	76	
5	Building Construction	Building Construction	1/8/2032	5/21/2035	5	878	
6	Paving	Paving	1/8/2032	2/4/2032	5	20	
7	Architectural Coating P2A & Phase 2 Equip	Architectural Coating	4/18/2034	12/21/2035	5	439	
8	Architectural Coating P2B	Architectural Coating	4/18/2034	12/21/2035	5	439	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 152

Acres of Paving: 0

Residential Indoor: 1,215,000; Residential Outdoor: 405,000; Non-Residential Indoor: 175,577; Non-Residential Outdoor: 58,526; Striped Parking Area: 20,664 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	4	8.00	81	0.73
Demolition	Excavators	8	8.00	158	0.38
Demolition	Generator Sets	4	8.00	84	0.74

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	4	8.00	203	0.36
Demolition	Sweepers/Scrubbers	4	8.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	8	8.00	97	0.37
Site Prep	Rubber Tired Dozers	0	8.00	247	0.40
Site Prep	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site Prep	Trenchers	4	8.00	78	0.50
Grading	Air Compressors	8	8.00	78	0.48
Grading	Excavators	8	8.00	158	0.38
Grading	Generator Sets	4	8.00	84	0.74
Grading	Graders	0	8.00	187	0.41
Grading	Plate Compactors	4	8.00	8	0.43
Grading	Pumps	4	8.00	84	0.74
Grading	Rough Terrain Forklifts	4	8.00	100	0.40
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Scrapers	2	8.00	367	0.48
Grading	Sweepers/Scrubbers	4	8.00	64	0.46
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	12	8.00	97	0.37
Grading	Welders	8	8.00	46	0.45
Utilities Trenching	Air Compressors	4	8.00	78	0.48
Utilities Trenching	Concrete/Industrial Saws	4	8.00	81	0.73
Utilities Trenching	Excavators	4	8.00	158	0.38
Utilities Trenching	Generator Sets	4	8.00	84	0.74
Utilities Trenching	Paving Equipment	4	8.00	132	0.36
Utilities Trenching	Rollers	4	8.00	80	0.38
Utilities Trenching	Rubber Tired Loaders	4	8.00	203	0.36
Utilities Trenching	Signal Boards	4	8.00	6	0.82

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Utilities Trenching	Surfacing Equipment	4	8.00	263	0.30
Utilities Trenching	Sweepers/Scrubbers	4	4.00	64	0.46
Utilities Trenching	Tractors/Loaders/Backhoes	8	8.00	97	0.37
Building Construction	Air Compressors	4	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	4	8.00	9	0.56
Building Construction	Cranes	4	8.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Rough Terrain Forklifts	4	8.00	100	0.40
Building Construction	Sweepers/Scrubbers	4	4.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Generator Sets	4	8.00	84	0.74
Paving	Pavers	4	8.00	130	0.42
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Plate Compactors	4	8.00	8	0.43
Paving	Rollers	4	8.00	80	0.38
Paving	Signal Boards	4	8.00	6	0.82
Paving	Sweepers/Scrubbers	4	4.00	64	0.46
Architectural Coating P2A & Phase 2 Equip	Air Compressors	4	8.00	78	0.48
Architectural Coating P2A & Phase 2 Equip	Cement and Mortar Mixers	8	8.00	9	0.56
Architectural Coating P2A & Phase 2 Equip	Pressure Washers	4	8.00	13	0.30
Architectural Coating P2B	Air Compressors	0	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	32	80.00	0.00	686.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Site Prep	4	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	58	145.00	0.00	8,295.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Utilities Trenching	48	60.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	20	504.00	90.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	28	70.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating P2A & Phase 2 Equip	16	101.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating P2B	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Demolition - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.9521	0.0000	1.9521	0.2956	0.0000	0.2956			0.0000			0.0000
Off-Road	6.5090	33.4746	89.8590	0.1760		0.8072	0.8072		0.8072	0.8072		16,665.1724	16,665.1724	0.5725		16,679.4845
Total	**6.5090**	**33.4746**	**89.8590**	**0.1760**	**1.9521**	**0.8072**	**2.7594**	**0.2956**	**0.8072**	**1.1028**		**16,665.1724**	**16,665.1724**	**0.5725**		**16,679.4845**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0314	2.5250	0.6556	0.0109	0.3948	0.0176	0.4124	0.1082	0.0168	0.1251		1,209.5972	1,209.5972	0.0847	0.1927	1,269.1298
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1565	0.0877	1.8803	6.4100e-003	0.8942	3.3700e-003	0.8976	0.2372	3.1000e-003	0.2403		697.5468	697.5468	9.9100e-003	0.0123	701.4449
Total	**0.1879**	**2.6126**	**2.5359**	**0.0173**	**1.2890**	**0.0210**	**1.3100**	**0.3454**	**0.0199**	**0.3653**		**1,907.1440**	**1,907.1440**	**0.0946**	**0.2049**	**1,970.5747**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.8785	0.0000	0.8785	0.1330	0.0000	0.1330			0.0000			0.0000
Off-Road	2.3943	13.6715	79.0670	0.1496		0.2717	0.2717		0.2717	0.2717	0.0000	14,173.0341	14,173.0341	0.5023		14,185.5921
Total	**2.3943**	**13.6715**	**79.0670**	**0.1496**	**0.8785**	**0.2717**	**1.1501**	**0.1330**	**0.2717**	**0.4047**	**0.0000**	**14,173.0341**	**14,173.0341**	**0.5023**		**14,185.5921**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0314	2.5250	0.6556	0.0109	0.3948	0.0176	0.4124	0.1082	0.0168	0.1251		1,209.5972	1,209.5972	0.0847	0.1927	1,269.1298
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1565	0.0877	1.8803	6.4100e-003	0.8942	3.3700e-003	0.8976	0.2372	3.1000e-003	0.2403		697.5468	697.5468	9.9100e-003	0.0123	701.4449
Total	**0.1879**	**2.6126**	**2.5359**	**0.0173**	**1.2890**	**0.0210**	**1.3100**	**0.3454**	**0.0199**	**0.3653**		**1,907.1440**	**1,907.1440**	**0.0946**	**0.2049**	**1,970.5747**

3.3 Site Prep - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1253	7.0408	10.2984	0.0165		0.3632	0.3632		0.3632	0.3632		1,563.6003	1,563.6003	0.0991		1,566.0765
Total	**1.1253**	**7.0408**	**10.2984**	**0.0165**	**0.0000**	**0.3632**	**0.3632**	**0.0000**	**0.3632**	**0.3632**		**1,563.6003**	**1,563.6003**	**0.0991**		**1,566.0765**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Prep - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0391	0.0219	0.4701	1.6000e-003	0.2236	8.4000e-004	0.2244	0.0593	7.8000e-004	0.0601		174.3867	174.3867	2.4800e-003	3.0600e-003	175.3612
Total	**0.0391**	**0.0219**	**0.4701**	**1.6000e-003**	**0.2236**	**8.4000e-004**	**0.2244**	**0.0593**	**7.8000e-004**	**0.0601**		**174.3867**	**174.3867**	**2.4800e-003**	**3.0600e-003**	**175.3612**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1651	0.7154	10.1801	0.0165		0.0220	0.0220		0.0220	0.0220	0.0000	1,563.6003	1,563.6003	0.0991		1,566.0765
Total	**0.1651**	**0.7154**	**10.1801**	**0.0165**	**0.0000**	**0.0220**	**0.0220**	**0.0000**	**0.0220**	**0.0220**	**0.0000**	**1,563.6003**	**1,563.6003**	**0.0991**		**1,566.0765**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Prep - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0391	0.0219	0.4701	1.6000e-003	0.2236	8.4000e-004	0.2244	0.0593	7.8000e-004	0.0601		174.3867	174.3867	2.4800e-003	3.0600e-003	175.3612
Total	**0.0391**	**0.0219**	**0.4701**	**1.6000e-003**	**0.2236**	**8.4000e-004**	**0.2244**	**0.0593**	**7.8000e-004**	**0.0601**		**174.3867**	**174.3867**	**2.4800e-003**	**3.0600e-003**	**175.3612**

3.4 Grading - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1210	0.0000	2.1210	0.2290	0.0000	0.2290			0.0000			0.0000
Off-Road	11.3026	65.5257	144.3209	0.2636		1.5091	1.5091		1.5091	1.5091		25,230.4945	25,230.4945	1.0019		25,255.5409
Total	**11.3026**	**65.5257**	**144.3209**	**0.2636**	**2.1210**	**1.5091**	**3.6301**	**0.2290**	**1.5091**	**1.7381**		**25,230.4945**	**25,230.4945**	**1.0019**		**25,255.5409**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Grading - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3802	30.5317	7.9271	0.1316	4.7736	0.2128	4.9863	1.3085	0.2036	1.5121		14,626.2516	14,626.2516	1.0238	2.3297	15,346.1101
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2836	0.1589	3.4081	0.0116	1.6208	6.1100e-003	1.6269	0.4298	5.6200e-003	0.4355		1,264.3036	1,264.3036	0.0180	0.0222	1,271.3689
Total	**0.6638**	**30.6906**	**11.3352**	**0.1433**	**6.3943**	**0.2189**	**6.6132**	**1.7384**	**0.2092**	**1.9476**		**15,890.5552**	**15,890.5552**	**1.0418**	**2.3519**	**16,617.4789**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9545	0.0000	0.9545	0.1031	0.0000	0.1031			0.0000			0.0000
Off-Road	2.3355	14.7312	127.0164	0.2149		0.2948	0.2948		0.2948	0.2948	0.0000	20,940.6168	20,940.6168	0.8005		20,960.6304
Total	**2.3355**	**14.7312**	**127.0164**	**0.2149**	**0.9545**	**0.2948**	**1.2492**	**0.1031**	**0.2948**	**0.3978**	**0.0000**	**20,940.6168**	**20,940.6168**	**0.8005**		**20,960.6304**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Grading - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3802	30.5317	7.9271	0.1316	4.7736	0.2128	4.9863	1.3085	0.2036	1.5121		14,626.2516	14,626.2516	1.0238	2.3297	15,346.1101
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2836	0.1589	3.4081	0.0116	1.6208	6.1100e-003	1.6269	0.4298	5.6200e-003	0.4355		1,264.3036	1,264.3036	0.0180	0.0222	1,271.3689
Total	**0.6638**	**30.6906**	**11.3352**	**0.1433**	**6.3943**	**0.2189**	**6.6132**	**1.7384**	**0.2092**	**1.9476**		**15,890.5552**	**15,890.5552**	**1.0418**	**2.3519**	**16,617.4789**

3.5 Utilities Trenching - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.8167	48.4853	107.1975	0.2237		1.3655	1.3655		1.3655	1.3655		21,653.4582	21,653.4582	0.7779		21,672.9060
Total	**8.8167**	**48.4853**	**107.1975**	**0.2237**		**1.3655**	**1.3655**		**1.3655**	**1.3655**		**21,653.4582**	**21,653.4582**	**0.7779**		**21,672.9060**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Utilities Trenching - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1174	0.0657	1.4103	4.8100e-003	0.6707	2.5300e-003	0.6732	0.1779	2.3300e-003	0.1802		523.1601	523.1601	7.4300e-003	9.1900e-003	526.0837
Total	**0.1174**	**0.0657**	**1.4103**	**4.8100e-003**	**0.6707**	**2.5300e-003**	**0.6732**	**0.1779**	**2.3300e-003**	**0.1802**		**523.1601**	**523.1601**	**7.4300e-003**	**9.1900e-003**	**526.0837**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6089	16.9858	100.5896	0.1947		0.5470	0.5470		0.5470	0.5470	0.0000	18,964.0657	18,964.0657	0.6873		18,981.2475
Total	**3.6089**	**16.9858**	**100.5896**	**0.1947**		**0.5470**	**0.5470**		**0.5470**	**0.5470**	**0.0000**	**18,964.0657**	**18,964.0657**	**0.6873**		**18,981.2475**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Utilities Trenching - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1174	0.0657	1.4103	4.8100e-003	0.6707	2.5300e-003	0.6732	0.1779	2.3300e-003	0.1802		523.1601	523.1601	7.4300e-003	9.1900e-003	526.0837
Total	**0.1174**	**0.0657**	**1.4103**	**4.8100e-003**	**0.6707**	**2.5300e-003**	**0.6732**	**0.1779**	**2.3300e-003**	**0.1802**		**523.1601**	**523.1601**	**7.4300e-003**	**9.1900e-003**	**526.0837**

3.5 Utilities Trenching - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.8167	48.4853	107.1975	0.2237		1.3655	1.3655		1.3655	1.3655		21,653.4582	21,653.4582	0.7779		21,672.9060
Total	**8.8167**	**48.4853**	**107.1975**	**0.2237**		**1.3655**	**1.3655**		**1.3655**	**1.3655**		**21,653.4582**	**21,653.4582**	**0.7779**		**21,672.9060**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Utilities Trenching - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1107	0.0616	1.3624	4.7200e-003	0.6707	2.3700e-003	0.6730	0.1779	2.1800e-003	0.1800		517.1523	517.1523	6.9100e-003	8.9200e-003	519.9841
Total	**0.1107**	**0.0616**	**1.3624**	**4.7200e-003**	**0.6707**	**2.3700e-003**	**0.6730**	**0.1779**	**2.1800e-003**	**0.1800**		**517.1523**	**517.1523**	**6.9100e-003**	**8.9200e-003**	**519.9841**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6089	16.9858	100.5896	0.1947		0.5470	0.5470		0.5470	0.5470	0.0000	18,964.0657	18,964.0657	0.6873		18,981.2475
Total	**3.6089**	**16.9858**	**100.5896**	**0.1947**		**0.5470**	**0.5470**		**0.5470**	**0.5470**	**0.0000**	**18,964.0657**	**18,964.0657**	**0.6873**		**18,981.2475**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Utilities Trenching - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1107	0.0616	1.3624	4.7200e-003	0.6707	2.3700e-003	0.6730	0.1779	2.1800e-003	0.1800		517.1523	517.1523	6.9100e-003	8.9200e-003	519.9841
Total	**0.1107**	**0.0616**	**1.3624**	**4.7200e-003**	**0.6707**	**2.3700e-003**	**0.6730**	**0.1779**	**2.1800e-003**	**0.1800**		**517.1523**	**517.1523**	**6.9100e-003**	**8.9200e-003**	**519.9841**

3.6 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0493	15.9194	30.5992	0.0702		0.3988	0.3988		0.3988	0.3988		6,582.7571	6,582.7571	0.2707		6,589.5242
Total	**3.0493**	**15.9194**	**30.5992**	**0.0702**		**0.3988**	**0.3988**		**0.3988**	**0.3988**		**6,582.7571**	**6,582.7571**	**0.2707**		**6,589.5242**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0871	3.2922	1.2277	0.0142	0.5765	0.0167	0.5932	0.1660	0.0160	0.1820		1,532.3571	1,532.3571	0.0638	0.2212	1,599.8773
Worker	0.9295	0.5176	11.4439	0.0397	5.6335	0.0199	5.6535	1.4940	0.0183	1.5124		4,344.0793	4,344.0793	0.0581	0.0750	4,367.8666
Total	**1.0165**	**3.8098**	**12.6716**	**0.0538**	**6.2101**	**0.0366**	**6.2467**	**1.6601**	**0.0343**	**1.6944**		**5,876.4364**	**5,876.4364**	**0.1219**	**0.2962**	**5,967.7439**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7360	5.4946	34.4535	0.0674		0.0898	0.0898		0.0898	0.0898	0.0000	6,380.6919	6,380.6919	0.2497		6,386.9344
Total	**0.7360**	**5.4946**	**34.4535**	**0.0674**		**0.0898**	**0.0898**		**0.0898**	**0.0898**	**0.0000**	**6,380.6919**	**6,380.6919**	**0.2497**		**6,386.9344**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0871	3.2922	1.2277	0.0142	0.5765	0.0167	0.5932	0.1660	0.0160	0.1820		1,532.3571	1,532.3571	0.0638	0.2212	1,599.8773
Worker	0.9295	0.5176	11.4439	0.0397	5.6335	0.0199	5.6535	1.4940	0.0183	1.5124		4,344.0793	4,344.0793	0.0581	0.0750	4,367.8666
Total	**1.0165**	**3.8098**	**12.6716**	**0.0538**	**6.2101**	**0.0366**	**6.2467**	**1.6601**	**0.0343**	**1.6944**		**5,876.4364**	**5,876.4364**	**0.1219**	**0.2962**	**5,967.7439**

3.6 Building Construction - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0493	15.9194	30.5992	0.0702		0.3988	0.3988		0.3988	0.3988		6,582.7571	6,582.7571	0.2707		6,589.5242
Total	**3.0493**	**15.9194**	**30.5992**	**0.0702**		**0.3988**	**0.3988**		**0.3988**	**0.3988**		**6,582.7571**	**6,582.7571**	**0.2707**		**6,589.5242**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0866	3.2783	1.2299	0.0139	0.5765	0.0166	0.5932	0.1660	0.0159	0.1819		1,509.9763	1,509.9763	0.0642	0.2180	1,576.5541
Worker	0.8796	0.4891	11.0972	0.0391	5.6335	0.0187	5.6523	1.4940	0.0172	1.5113		4,299.7626	4,299.7626	0.0543	0.0731	4,322.9090
Total	**0.9663**	**3.7674**	**12.3270**	**0.0530**	**6.2101**	**0.0354**	**6.2454**	**1.6601**	**0.0331**	**1.6932**		**5,809.7389**	**5,809.7389**	**0.1185**	**0.2912**	**5,899.4631**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7360	5.4946	34.4535	0.0674		0.0898	0.0898		0.0898	0.0898	0.0000	6,380.6919	6,380.6919	0.2497		6,386.9344
Total	**0.7360**	**5.4946**	**34.4535**	**0.0674**		**0.0898**	**0.0898**		**0.0898**	**0.0898**	**0.0000**	**6,380.6919**	**6,380.6919**	**0.2497**		**6,386.9344**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0866	3.2783	1.2299	0.0139	0.5765	0.0166	0.5932	0.1660	0.0159	0.1819		1,509.9763	1,509.9763	0.0642	0.2180	1,576.5541
Worker	0.8796	0.4891	11.0972	0.0391	5.6335	0.0187	5.6523	1.4940	0.0172	1.5113		4,299.7626	4,299.7626	0.0543	0.0731	4,322.9090
Total	**0.9663**	**3.7674**	**12.3270**	**0.0530**	**6.2101**	**0.0354**	**6.2454**	**1.6601**	**0.0331**	**1.6932**		**5,809.7389**	**5,809.7389**	**0.1185**	**0.2912**	**5,899.4631**

3.6 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0493	15.9194	30.5992	0.0702		0.3988	0.3988		0.3988	0.3988		6,582.7571	6,582.7571	0.2707		6,589.5242
Total	**3.0493**	**15.9194**	**30.5992**	**0.0702**		**0.3988**	**0.3988**		**0.3988**	**0.3988**		**6,582.7571**	**6,582.7571**	**0.2707**		**6,589.5242**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0863	3.2629	1.2325	0.0137	0.5766	0.0165	0.5931	0.1660	0.0158	0.1818		1,488.9652	1,488.9652	0.0646	0.2150	1,554.6551
Worker	0.8348	0.4653	10.7788	0.0385	5.6335	0.0176	5.6512	1.4940	0.0162	1.5103		4,260.7147	4,260.7147	0.0508	0.0716	4,283.3140
Total	**0.9211**	**3.7282**	**12.0112**	**0.0523**	**6.2101**	**0.0341**	**6.2442**	**1.6601**	**0.0320**	**1.6921**		**5,749.6799**	**5,749.6799**	**0.1154**	**0.2866**	**5,837.9691**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7360	5.4946	34.4535	0.0674		0.0898	0.0898		0.0898	0.0898	0.0000	6,380.6919	6,380.6919	0.2497		6,386.9344
Total	**0.7360**	**5.4946**	**34.4535**	**0.0674**		**0.0898**	**0.0898**		**0.0898**	**0.0898**	**0.0000**	**6,380.6919**	**6,380.6919**	**0.2497**		**6,386.9344**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0863	3.2629	1.2325	0.0137	0.5766	0.0165	0.5931	0.1660	0.0158	0.1818		1,488.9652	1,488.9652	0.0646	0.2150	1,554.6551
Worker	0.8348	0.4653	10.7788	0.0385	5.6335	0.0176	5.6512	1.4940	0.0162	1.5103		4,260.7147	4,260.7147	0.0508	0.0716	4,283.3140
Total	**0.9211**	**3.7282**	**12.0112**	**0.0523**	**6.2101**	**0.0341**	**6.2442**	**1.6601**	**0.0320**	**1.6921**		**5,749.6799**	**5,749.6799**	**0.1154**	**0.2866**	**5,837.9691**

3.6 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.8251	13.5628	30.5482	0.0702		0.2587	0.2587		0.2587	0.2587		6,582.7571	6,582.7571	0.2493		6,588.9887
Total	**2.8251**	**13.5628**	**30.5482**	**0.0702**		**0.2587**	**0.2587**		**0.2587**	**0.2587**		**6,582.7571**	**6,582.7571**	**0.2493**		**6,588.9887**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0860	3.2498	1.2347	0.0136	0.5766	0.0164	0.5930	0.1660	0.0157	0.1817		1,469.9887	1,469.9887	0.0649	0.2123	1,534.8790
Worker	0.7953	0.4472	10.5130	0.0381	5.6335	0.0166	5.6502	1.4940	0.0153	1.5093		4,227.3355	4,227.3355	0.0478	0.0704	4,249.5043
Total	**0.8813**	**3.6970**	**11.7478**	**0.0516**	**6.2101**	**0.0331**	**6.2431**	**1.6601**	**0.0310**	**1.6911**		**5,697.3242**	**5,697.3242**	**0.1127**	**0.2827**	**5,784.3834**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7360	5.4946	34.4535	0.0674		0.0898	0.0898		0.0898	0.0898	0.0000	6,380.6919	6,380.6919	0.2283		6,386.3990
Total	**0.7360**	**5.4946**	**34.4535**	**0.0674**		**0.0898**	**0.0898**		**0.0898**	**0.0898**	**0.0000**	**6,380.6919**	**6,380.6919**	**0.2283**		**6,386.3990**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0860	3.2498	1.2347	0.0136	0.5766	0.0164	0.5930	0.1660	0.0157	0.1817		1,469.9887	1,469.9887	0.0649	0.2123	1,534.8790
Worker	0.7953	0.4472	10.5130	0.0381	5.6335	0.0166	5.6502	1.4940	0.0153	1.5093		4,227.3355	4,227.3355	0.0478	0.0704	4,249.5043
Total	**0.8813**	**3.6970**	**11.7478**	**0.0516**	**6.2101**	**0.0331**	**6.2431**	**1.6601**	**0.0310**	**1.6911**		**5,697.3242**	**5,697.3242**	**0.1127**	**0.2827**	**5,784.3834**

3.7 Paving - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.2105	25.5264	52.1323	0.0934		0.9292	0.9292		0.9292	0.9292		8,730.5024	8,730.5024	0.3779		8,739.9504
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**4.2105**	**25.5264**	**52.1323**	**0.0934**		**0.9292**	**0.9292**		**0.9292**	**0.9292**		**8,730.5024**	**8,730.5024**	**0.3779**		**8,739.9504**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Paving - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1291	0.0719	1.5894	5.5100e-003	0.7824	2.7700e-003	0.7852	0.2075	2.5500e-003	0.2101		603.3444	603.3444	8.0600e-003	0.0104	606.6481
Total	**0.1291**	**0.0719**	**1.5894**	**5.5100e-003**	**0.7824**	**2.7700e-003**	**0.7852**	**0.2075**	**2.5500e-003**	**0.2101**		**603.3444**	**603.3444**	**8.0600e-003**	**0.0104**	**606.6481**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4566	8.9739	37.1128	0.0623		0.2910	0.2910		0.2910	0.2910	0.0000	5,903.1924	5,903.1924	0.2730		5,910.0163
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4566**	**8.9739**	**37.1128**	**0.0623**		**0.2910**	**0.2910**		**0.2910**	**0.2910**	**0.0000**	**5,903.1924**	**5,903.1924**	**0.2730**		**5,910.0163**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Paving - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1291	0.0719	1.5894	5.5100e-003	0.7824	2.7700e-003	0.7852	0.2075	2.5500e-003	0.2101		603.3444	603.3444	8.0600e-003	0.0104	606.6481
Total	**0.1291**	**0.0719**	**1.5894**	**5.5100e-003**	**0.7824**	**2.7700e-003**	**0.7852**	**0.2075**	**2.5500e-003**	**0.2101**		**603.3444**	**603.3444**	**8.0600e-003**	**0.0104**	**606.6481**

3.8 Architectural Coating P2A & Phase 2 Equip - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.2419					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.3302	8.6580	13.0096	0.0237		0.2685	0.2685		0.2685	0.2685		2,061.5471	2,061.5471	0.1173		2,064.4793
Total	**12.5721**	**8.6580**	**13.0096**	**0.0237**		**0.2685**	**0.2685**		**0.2685**	**0.2685**		**2,061.5471**	**2,061.5471**	**0.1173**		**2,064.4793**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Architectural Coating P2A & Phase 2 Equip - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1673	0.0932	2.1600	7.7200e-003	1.1289	3.5300e-003	1.1325	0.2994	3.2500e-003	0.3027		853.8337	853.8337	0.0102	0.0143	858.3625
Total	**0.1673**	**0.0932**	**2.1600**	**7.7200e-003**	**1.1289**	**3.5300e-003**	**1.1325**	**0.2994**	**3.2500e-003**	**0.3027**		**853.8337**	**853.8337**	**0.0102**	**0.0143**	**858.3625**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	11.2419					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1585	0.6867	9.7729	0.0181		0.0211	0.0211		0.0211	0.0211	0.0000	1,657.4166	1,657.4166	0.0753		1,659.2999
Total	**11.4004**	**0.6867**	**9.7729**	**0.0181**		**0.0211**	**0.0211**		**0.0211**	**0.0211**	**0.0000**	**1,657.4166**	**1,657.4166**	**0.0753**		**1,659.2999**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Architectural Coating P2A & Phase 2 Equip - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1673	0.0932	2.1600	7.7200e-003	1.1289	3.5300e-003	1.1325	0.2994	3.2500e-003	0.3027		853.8337	853.8337	0.0102	0.0143	858.3625
Total	**0.1673**	**0.0932**	**2.1600**	**7.7200e-003**	**1.1289**	**3.5300e-003**	**1.1325**	**0.2994**	**3.2500e-003**	**0.3027**		**853.8337**	**853.8337**	**0.0102**	**0.0143**	**858.3625**

3.8 Architectural Coating P2A & Phase 2 Equip - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.2419					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.2607	8.1266	12.9911	0.0237		0.2119	0.2119		0.2119	0.2119		2,061.5471	2,061.5471	0.1120		2,064.3472
Total	**12.5026**	**8.1266**	**12.9911**	**0.0237**		**0.2119**	**0.2119**		**0.2119**	**0.2119**		**2,061.5471**	**2,061.5471**	**0.1120**		**2,064.3472**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Architectural Coating P2A & Phase 2 Equip - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1594	0.0896	2.1068	7.6300e-003	1.1289	3.3300e-003	1.1323	0.2994	3.0700e-003	0.3025		847.1446	847.1446	9.5800e-003	0.0141	851.5872
Total	**0.1594**	**0.0896**	**2.1068**	**7.6300e-003**	**1.1289**	**3.3300e-003**	**1.1323**	**0.2994**	**3.0700e-003**	**0.3025**		**847.1446**	**847.1446**	**9.5800e-003**	**0.0141**	**851.5872**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	11.2419					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1585	0.6867	9.7729	0.0181		0.0211	0.0211		0.0211	0.0211	0.0000	1,657.4166	1,657.4166	0.0701		1,659.1678
Total	**11.4004**	**0.6867**	**9.7729**	**0.0181**		**0.0211**	**0.0211**		**0.0211**	**0.0211**	**0.0000**	**1,657.4166**	**1,657.4166**	**0.0701**		**1,659.1678**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Architectural Coating P2A & Phase 2 Equip - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1594	0.0896	2.1068	7.6300e-003	1.1289	3.3300e-003	1.1323	0.2994	3.0700e-003	0.3025		847.1446	847.1446	9.5800e-003	0.0141	851.5872
Total	**0.1594**	**0.0896**	**2.1068**	**7.6300e-003**	**1.1289**	**3.3300e-003**	**1.1323**	**0.2994**	**3.0700e-003**	**0.3025**		**847.1446**	**847.1446**	**9.5800e-003**	**0.0141**	**851.5872**

3.9 Architectural Coating P2B - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.8110					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	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	**12.8110**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 Architectural Coating P2B - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	12.8110					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	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	**12.8110**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 Architectural Coating P2B - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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**	**0.0000**

3.9 Architectural Coating P2B - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.8110					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	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	**12.8110**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 Architectural Coating P2B - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	12.8110					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	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	**12.8110**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 Architectural Coating P2B - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Strip Mall	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
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
City Park	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
Enclosed Parking with Elevator	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
General Office Building	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
Strip Mall	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457

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	0.1701	1.4591	0.6599	9.2800e-003		0.1175	0.1175		0.1175	0.1175		1,855.4488	1,855.4488	0.0356	0.0340	1,866.4748
NaturalGas Unmitigated	0.1701	1.4591	0.6599	9.2800e-003		0.1175	0.1175		0.1175	0.1175		1,855.4488	1,855.4488	0.0356	0.0340	1,866.4748

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	14812.3	0.1597	1.3651	0.5809	8.7100e-003		0.1104	0.1104		0.1104	0.1104		1,742.6205	1,742.6205	0.0334	0.0320	1,752.9760
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
Enclosed Parking with Elevator	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
General Office Building	847.397	9.1400e-003	0.0831	0.0698	5.0000e-004		6.3100e-003	6.3100e-003		6.3100e-003	6.3100e-003		99.6938	99.6938	1.9100e-003	1.8300e-003	100.2862
Strip Mall	111.644	1.2000e-003	0.0110	9.1900e-003	7.0000e-005		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004		13.1346	13.1346	2.5000e-004	2.4000e-004	13.2126
Total		**0.1701**	**1.4591**	**0.6599**	**9.2800e-003**		**0.1175**	**0.1175**		**0.1175**	**0.1175**		**1,855.4488**	**1,855.4488**	**0.0356**	**0.0340**	**1,866.4748**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	14.8123	0.1597	1.3651	0.5809	8.7100e-003		0.1104	0.1104		0.1104	0.1104		1,742.6205	1,742.6205	0.0334	0.0320	1,752.9760
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
Enclosed Parking with Elevator	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
General Office Building	0.847397	9.1400e-003	0.0831	0.0698	5.0000e-004		6.3100e-003	6.3100e-003		6.3100e-003	6.3100e-003		99.6938	99.6938	1.9100e-003	1.8300e-003	100.2862
Strip Mall	0.111644	1.2000e-003	0.0110	9.1900e-003	7.0000e-005		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004		13.1346	13.1346	2.5000e-004	2.4000e-004	13.2126
Total		**0.1701**	**1.4591**	**0.6599**	**9.2800e-003**		**0.1175**	**0.1175**		**0.1175**	**0.1175**		**1,855.4488**	**1,855.4488**	**0.0356**	**0.0340**	**1,866.4748**

6.0 Area Detail

6.1 Mitigation Measures Area

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	15.8028	0.5697	49.3764	2.6200e-003		0.2748	0.2748		0.2748	0.2748	0.0000	89.3322	89.3322	0.0854	0.0000	91.4661
Unmitigated	15.8028	0.5697	49.3764	2.6200e-003		0.2748	0.2748		0.2748	0.2748	0.0000	89.3322	89.3322	0.0854	0.0000	91.4661

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	14.3202					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.4825	0.5697	49.3764	2.6200e-003		0.2748	0.2748		0.2748	0.2748		89.3322	89.3322	0.0854		91.4661
Total	**15.8028**	**0.5697**	**49.3764**	**2.6200e-003**		**0.2748**	**0.2748**		**0.2748**	**0.2748**	**0.0000**	**89.3322**	**89.3322**	**0.0854**	**0.0000**	**91.4661**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	14.3202					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.4825	0.5697	49.3764	2.6200e-003		0.2748	0.2748		0.2748	0.2748		89.3322	89.3322	0.0854		91.4661
Total	**15.8028**	**0.5697**	**49.3764**	**2.6200e-003**		**0.2748**	**0.2748**		**0.2748**	**0.2748**	**0.0000**	**89.3322**	**89.3322**	**0.0854**	**0.0000**	**91.4661**

7.0 Water Detail

7.1 Mitigation Measures Water

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

OSP - Phase 2 - Construction Mitigation

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	30.00	1000sqft	0.00	30,000.00	0
Enclosed Parking with Elevator	861.00	Space	0.00	344,400.00	0
City Park	1.70	Acre	1.70	74,052.00	0
Apartments Mid Rise	600.00	Dwelling Unit	4.22	600,000.00	1452
Strip Mall	25.00	1000sqft	0.00	25,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2040
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - See Assumptions - Architectural Coating for Phase 2B included as separate phase for AC emissions only. Construciton Equipment is Identical. Result Summaries will overestimate emissions for AC.

Off-road Equipment - ss

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions- Just modeling AC emissions for Phase 2B

Off-road Equipment - see Assumptions

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Off-road Equipment - See Assumptions

Off-road Equipment - see assumptions

Off-road Equipment - see Assumptions

Off-road Equipment - see Assumptions

Off-road Equipment - see Assumptions

Trips and VMT - See Assumptions

Demolition - See Assumptions

Grading - see assumptions

Architectural Coating - See Assumptions - Modeles P2B AC coating emissions.

Vehicle Trips - operational emissions modeled separately

Woodstoves - operational emissions modeled separately

Consumer Products - operational emissions modeled separately

Area Coating - operational emissions modeled separately

Landscape Equipment - operational emissions modeled separately

Energy Use - operational emissions modeled separately

Water And Wastewater - operational emissions modeled separately

Solid Waste - operational emissions modeled separately

Construction Off-road Equipment Mitigation - See Assumptions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	58,526.00	69,231.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	175,577.00	207,692.00
tblArchitecturalCoating	ConstArea_Parking	20,664.00	27,905.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	405,000.00	454,275.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,215,000.00	1,362,825.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	28.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	76.00
tblConstructionPhase	NumDays	10.00	38.00
tblConstructionPhase	NumDays	20.00	76.00
tblConstructionPhase	NumDays	230.00	878.00
tblConstructionPhase	NumDays	20.00	439.00
tblConstructionPhase	NumDays	20.00	439.00
tblEnergyUse	T24E	35.05	0.00
tblEnergyUse	T24E	3.50	0.00
tblEnergyUse	T24E	4.11	0.00
tblEnergyUse	T24E	3.58	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	NumberGas	510.00	0.00
tblFireplaces	NumberNoFireplace	60.00	0.00
tblFireplaces	NumberWood	30.00	0.00
tblGrading	MaterialExported	0.00	110,043.00
tblLandscapeEquipment	NumberSummerDays	250	0
tblLandUse	LotAcreage	0.69	0.00
tblLandUse	LotAcreage	7.75	0.00
tblLandUse	LotAcreage	15.79	4.22
tblLandUse	LotAcreage	0.57	0.00
tblLandUse	Population	1,716.00	1,452.00

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblSolidWaste	SolidWasteGenerationRate	276.00	0.00
tblSolidWaste	SolidWasteGenerationRate	0.15	0.00
tblSolidWaste	SolidWasteGenerationRate	27.90	0.00
tblSolidWaste	SolidWasteGenerationRate	26.25	0.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	10,881.00	8,295.00

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblTripsAndVMT	VendorTripNumber	142.00	90.00
tblTripsAndVMT	WorkerTripNumber	10.00	20.00
tblTripsAndVMT	WorkerTripNumber	120.00	60.00
tblTripsAndVMT	WorkerTripNumber	625.00	504.00
tblTripsAndVMT	WorkerTripNumber	125.00	101.00
tblTripsAndVMT	WorkerTripNumber	125.00	0.00
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	9.74	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	39,092,415.37	0.00
tblWater	IndoorWaterUseRate	5,332,012.44	0.00
tblWater	IndoorWaterUseRate	1,851,813.04	0.00
tblWater	OutdoorWaterUseRate	24,645,218.39	0.00
tblWater	OutdoorWaterUseRate	2,025,518.29	0.00
tblWater	OutdoorWaterUseRate	3,268,007.62	0.00
tblWater	OutdoorWaterUseRate	1,134,982.18	0.00
tblWoodstoves	NumberCatalytic	30.00	0.00
tblWoodstoves	NumberNoncatalytic	30.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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					
2031	11.9792	97.4995	155.4361	0.4063	8.5153	1.7281	10.2434	1.9674	1.7184	3.6858	0.0000	41,061.8134	41,061.8134	2.0431	2.3546	41,814.5635
2032	8.9386	48.5532	108.4547	0.2282	6.9925	1.3678	8.3600	1.8676	1.3677	3.2325	0.0000	22,143.5360	22,143.5360	0.7850	0.3128	22,165.9943
2033	4.1027	19.8941	42.1100	0.1212	6.2101	0.4342	6.6443	1.6601	0.4320	2.0920	0.0000	12,170.2665	12,170.2665	0.3902	0.2965	12,268.3819
2034	29.6234	28.6128	56.8241	0.1515	7.3390	0.7050	8.0440	1.9595	0.7026	2.6620	0.0000	14,982.8651	14,982.8651	0.5148	0.3071	15,087.2574
2035	29.2796	25.6875	56.4640	0.1508	7.3390	0.5071	7.8461	1.9595	0.5048	2.4642	0.0000	14,925.8694	14,925.8694	0.4848	0.3029	15,028.2454
Maximum	**29.6234**	**97.4995**	**155.4361**	**0.4063**	**8.5153**	**1.7281**	**10.2434**	**1.9674**	**1.7184**	**3.6858**	**0.0000**	**41,061.8134**	**41,061.8134**	**2.0431**	**2.3546**	**41,814.5635**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2031	3.7379	46.7050	138.1316	0.3576	7.3488	0.5495	7.8626	1.8414	0.5493	2.3456	0.0000	36,771.9357	36,771.9357	1.8418	2.3546	37,519.6531
2032	3.7308	18.5679	101.8468	0.1991	6.9925	0.5494	7.4127	1.8676	0.5492	2.2853	0.0000	19,454.1435	19,454.1435	0.6944	0.3128	19,474.3358
2033	1.7894	9.4693	45.9643	0.1184	6.2101	0.1252	6.3353	1.6601	0.1230	1.7831	0.0000	11,968.2012	11,968.2012	0.3692	0.2965	12,065.7922
2034	26.1383	10.2167	57.4416	0.1430	7.3390	0.1487	7.4877	1.9595	0.1463	2.1057	0.0000	14,376.6693	14,376.6693	0.4519	0.3071	14,479.4882
2035	26.0882	10.1795	57.1510	0.1423	7.3390	0.1474	7.4864	1.9595	0.1451	2.1046	0.0000	14,319.6736	14,319.6736	0.4219	0.3029	14,420.4762
Maximum	**26.1383**	**46.7050**	**138.1316**	**0.3576**	**7.3488**	**0.5495**	**7.8626**	**1.9595**	**0.5493**	**2.3456**	**0.0000**	**36,771.9357**	**36,771.9357**	**1.8418**	**2.3546**	**37,519.6531**

	ROG	NOx	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	**26.74**	**56.80**	**4.47**	**9.23**	**3.21**	**67.94**	**11.07**	**1.34**	**67.98**	**24.85**	**0.00**	**7.97**	**7.97**	**10.40**	**0.00**	**7.90**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	15.8028	0.5697	49.3764	2.6200e-003		0.2748	0.2748		0.2748	0.2748	0.0000	89.3322	89.3322	0.0854	0.0000	91.4661
Energy	0.1701	1.4591	0.6599	9.2800e-003		0.1175	0.1175		0.1175	0.1175		1,855.4488	1,855.4488	0.0356	0.0340	1,866.4748
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
Total	**15.9728**	**2.0288**	**50.0363**	**0.0119**	**0.0000**	**0.3924**	**0.3924**	**0.0000**	**0.3924**	**0.3924**	**0.0000**	**1,944.7811**	**1,944.7811**	**0.1209**	**0.0340**	**1,957.9410**

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	15.8028	0.5697	49.3764	2.6200e-003		0.2748	0.2748		0.2748	0.2748	0.0000	89.3322	89.3322	0.0854	0.0000	91.4661
Energy	0.1701	1.4591	0.6599	9.2800e-003		0.1175	0.1175		0.1175	0.1175		1,855.4488	1,855.4488	0.0356	0.0340	1,866.4748
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
Total	**15.9728**	**2.0288**	**50.0363**	**0.0119**	**0.0000**	**0.3924**	**0.3924**	**0.0000**	**0.3924**	**0.3924**	**0.0000**	**1,944.7811**	**1,944.7811**	**0.1209**	**0.0340**	**1,957.9410**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	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	1/1/2031	4/16/2031	5	76	
2	Site Prep	Site Preparation	4/17/2031	6/9/2031	5	38	
3	Grading	Grading	6/10/2031	9/23/2031	5	76	
4	Utilities Trenching	Trenching	9/24/2031	1/7/2032	5	76	
5	Building Construction	Building Construction	1/8/2032	5/21/2035	5	878	
6	Paving	Paving	1/8/2032	2/4/2032	5	20	
7	Architectural Coating P2A & Phase 2 Equip	Architectural Coating	4/18/2034	12/21/2035	5	439	
8	Architectural Coating P2B	Architectural Coating	4/18/2034	12/21/2035	5	439	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 152

Acres of Paving: 0

Residential Indoor: 1,215,000; Residential Outdoor: 405,000; Non-Residential Indoor: 175,577; Non-Residential Outdoor: 58,526; Striped Parking Area: 20,664 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	4	8.00	81	0.73
Demolition	Excavators	8	8.00	158	0.38
Demolition	Generator Sets	4	8.00	84	0.74

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	4	8.00	203	0.36
Demolition	Sweepers/Scrubbers	4	8.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	8	8.00	97	0.37
Site Prep	Rubber Tired Dozers	0	8.00	247	0.40
Site Prep	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site Prep	Trenchers	4	8.00	78	0.50
Grading	Air Compressors	8	8.00	78	0.48
Grading	Excavators	8	8.00	158	0.38
Grading	Generator Sets	4	8.00	84	0.74
Grading	Graders	0	8.00	187	0.41
Grading	Plate Compactors	4	8.00	8	0.43
Grading	Pumps	4	8.00	84	0.74
Grading	Rough Terrain Forklifts	4	8.00	100	0.40
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Scrapers	2	8.00	367	0.48
Grading	Sweepers/Scrubbers	4	8.00	64	0.46
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	12	8.00	97	0.37
Grading	Welders	8	8.00	46	0.45
Utilities Trenching	Air Compressors	4	8.00	78	0.48
Utilities Trenching	Concrete/Industrial Saws	4	8.00	81	0.73
Utilities Trenching	Excavators	4	8.00	158	0.38
Utilities Trenching	Generator Sets	4	8.00	84	0.74
Utilities Trenching	Paving Equipment	4	8.00	132	0.36
Utilities Trenching	Rollers	4	8.00	80	0.38
Utilities Trenching	Rubber Tired Loaders	4	8.00	203	0.36
Utilities Trenching	Signal Boards	4	8.00	6	0.82

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Utilities Trenching	Surfacing Equipment	4	8.00	263	0.30
Utilities Trenching	Sweepers/Scrubbers	4	4.00	64	0.46
Utilities Trenching	Tractors/Loaders/Backhoes	8	8.00	97	0.37
Building Construction	Air Compressors	4	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	4	8.00	9	0.56
Building Construction	Cranes	4	8.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Rough Terrain Forklifts	4	8.00	100	0.40
Building Construction	Sweepers/Scrubbers	4	4.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Generator Sets	4	8.00	84	0.74
Paving	Pavers	4	8.00	130	0.42
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Plate Compactors	4	8.00	8	0.43
Paving	Rollers	4	8.00	80	0.38
Paving	Signal Boards	4	8.00	6	0.82
Paving	Sweepers/Scrubbers	4	4.00	64	0.46
Architectural Coating P2A & Phase 2 Equip	Air Compressors	4	8.00	78	0.48
Architectural Coating P2A & Phase 2 Equip	Cement and Mortar Mixers	8	8.00	9	0.56
Architectural Coating P2A & Phase 2 Equip	Pressure Washers	4	8.00	13	0.30
Architectural Coating P2B	Air Compressors	0	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	32	80.00	0.00	686.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Site Prep	4	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	58	145.00	0.00	8,295.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Utilities Trenching	48	60.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	20	504.00	90.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	28	70.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating P2A & Phase 2 Equip	16	101.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating P2B	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Demolition - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.9521	0.0000	1.9521	0.2956	0.0000	0.2956			0.0000			0.0000
Off-Road	6.5090	33.4746	89.8590	0.1760		0.8072	0.8072		0.8072	0.8072		16,665.1724	16,665.1724	0.5725		16,679.4845
Total	**6.5090**	**33.4746**	**89.8590**	**0.1760**	**1.9521**	**0.8072**	**2.7594**	**0.2956**	**0.8072**	**1.1028**		**16,665.1724**	**16,665.1724**	**0.5725**		**16,679.4845**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0302	2.6298	0.6592	0.0109	0.3948	0.0176	0.4124	0.1082	0.0169	0.1251		1,210.1713	1,210.1713	0.0846	0.1928	1,269.7315
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1720	0.0966	1.7349	6.0700e-003	0.8942	3.3700e-003	0.8976	0.2372	3.1000e-003	0.2403		661.0349	661.0349	0.0101	0.0131	665.1790
Total	**0.2022**	**2.7264**	**2.3941**	**0.0170**	**1.2890**	**0.0210**	**1.3100**	**0.3454**	**0.0200**	**0.3653**		**1,871.2061**	**1,871.2061**	**0.0947**	**0.2058**	**1,934.9105**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.8785	0.0000	0.8785	0.1330	0.0000	0.1330			0.0000			0.0000
Off-Road	2.3943	13.6715	79.0670	0.1496		0.2717	0.2717		0.2717	0.2717	0.0000	14,173.0341	14,173.0341	0.5023		14,185.5921
Total	**2.3943**	**13.6715**	**79.0670**	**0.1496**	**0.8785**	**0.2717**	**1.1501**	**0.1330**	**0.2717**	**0.4047**	**0.0000**	**14,173.0341**	**14,173.0341**	**0.5023**		**14,185.5921**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0302	2.6298	0.6592	0.0109	0.3948	0.0176	0.4124	0.1082	0.0169	0.1251		1,210.1713	1,210.1713	0.0846	0.1928	1,269.7315
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1720	0.0966	1.7349	6.0700e-003	0.8942	3.3700e-003	0.8976	0.2372	3.1000e-003	0.2403		661.0349	661.0349	0.0101	0.0131	665.1790
Total	**0.2022**	**2.7264**	**2.3941**	**0.0170**	**1.2890**	**0.0210**	**1.3100**	**0.3454**	**0.0200**	**0.3653**		**1,871.2061**	**1,871.2061**	**0.0947**	**0.2058**	**1,934.9105**

3.3 Site Prep - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1253	7.0408	10.2984	0.0165		0.3632	0.3632		0.3632	0.3632		1,563.6003	1,563.6003	0.0991		1,566.0765
Total	**1.1253**	**7.0408**	**10.2984**	**0.0165**	**0.0000**	**0.3632**	**0.3632**	**0.0000**	**0.3632**	**0.3632**		**1,563.6003**	**1,563.6003**	**0.0991**		**1,566.0765**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Prep - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0430	0.0242	0.4337	1.5200e-003	0.2236	8.4000e-004	0.2244	0.0593	7.8000e-004	0.0601		165.2587	165.2587	2.5300e-003	3.2600e-003	166.2947
Total	**0.0430**	**0.0242**	**0.4337**	**1.5200e-003**	**0.2236**	**8.4000e-004**	**0.2244**	**0.0593**	**7.8000e-004**	**0.0601**		**165.2587**	**165.2587**	**2.5300e-003**	**3.2600e-003**	**166.2947**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1651	0.7154	10.1801	0.0165		0.0220	0.0220		0.0220	0.0220	0.0000	1,563.6003	1,563.6003	0.0991		1,566.0765
Total	**0.1651**	**0.7154**	**10.1801**	**0.0165**	**0.0000**	**0.0220**	**0.0220**	**0.0000**	**0.0220**	**0.0220**	**0.0000**	**1,563.6003**	**1,563.6003**	**0.0991**		**1,566.0765**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Prep - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0430	0.0242	0.4337	1.5200e-003	0.2236	8.4000e-004	0.2244	0.0593	7.8000e-004	0.0601		165.2587	165.2587	2.5300e-003	3.2600e-003	166.2947
Total	**0.0430**	**0.0242**	**0.4337**	**1.5200e-003**	**0.2236**	**8.4000e-004**	**0.2244**	**0.0593**	**7.8000e-004**	**0.0601**		**165.2587**	**165.2587**	**2.5300e-003**	**3.2600e-003**	**166.2947**

3.4 Grading - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1210	0.0000	2.1210	0.2290	0.0000	0.2290			0.0000			0.0000
Off-Road	11.3026	65.5257	144.3209	0.2636		1.5091	1.5091		1.5091	1.5091		25,230.4945	25,230.4945	1.0019		25,255.5409
Total	**11.3026**	**65.5257**	**144.3209**	**0.2636**	**2.1210**	**1.5091**	**3.6301**	**0.2290**	**1.5091**	**1.7381**		**25,230.4945**	**25,230.4945**	**1.0019**		**25,255.5409**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Grading - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3648	31.7987	7.9707	0.1317	4.7736	0.2129	4.9865	1.3085	0.2037	1.5123		14,633.1932	14,633.1932	1.0229	2.3309	15,353.3858
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3118	0.1751	3.1445	0.0110	1.6208	6.1100e-003	1.6269	0.4298	5.6200e-003	0.4355		1,198.1257	1,198.1257	0.0184	0.0237	1,205.6369
Total	**0.6765**	**31.9737**	**11.1152**	**0.1427**	**6.3943**	**0.2191**	**6.6134**	**1.7384**	**0.2094**	**1.9477**		**15,831.3189**	**15,831.3189**	**1.0412**	**2.3546**	**16,559.0227**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9545	0.0000	0.9545	0.1031	0.0000	0.1031			0.0000			0.0000
Off-Road	2.3355	14.7312	127.0164	0.2149		0.2948	0.2948		0.2948	0.2948	0.0000	20,940.6168	20,940.6168	0.8005		20,960.6304
Total	**2.3355**	**14.7312**	**127.0164**	**0.2149**	**0.9545**	**0.2948**	**1.2492**	**0.1031**	**0.2948**	**0.3978**	**0.0000**	**20,940.6168**	**20,940.6168**	**0.8005**		**20,960.6304**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Grading - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3648	31.7987	7.9707	0.1317	4.7736	0.2129	4.9865	1.3085	0.2037	1.5123		14,633.1932	14,633.1932	1.0229	2.3309	15,353.3858
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3118	0.1751	3.1445	0.0110	1.6208	6.1100e-003	1.6269	0.4298	5.6200e-003	0.4355		1,198.1257	1,198.1257	0.0184	0.0237	1,205.6369
Total	**0.6765**	**31.9737**	**11.1152**	**0.1427**	**6.3943**	**0.2191**	**6.6134**	**1.7384**	**0.2094**	**1.9477**		**15,831.3189**	**15,831.3189**	**1.0412**	**2.3546**	**16,559.0227**

3.5 Utilities Trenching - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.8167	48.4853	107.1975	0.2237		1.3655	1.3655		1.3655	1.3655		21,653.4582	21,653.4582	0.7779		21,672.9060
Total	**8.8167**	**48.4853**	**107.1975**	**0.2237**		**1.3655**	**1.3655**		**1.3655**	**1.3655**		**21,653.4582**	**21,653.4582**	**0.7779**		**21,672.9060**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Utilities Trenching - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1290	0.0724	1.3012	4.5600e-003	0.6707	2.5300e-003	0.6732	0.1779	2.3300e-003	0.1802		495.7761	495.7761	7.6000e-003	9.7900e-003	498.8842
Total	**0.1290**	**0.0724**	**1.3012**	**4.5600e-003**	**0.6707**	**2.5300e-003**	**0.6732**	**0.1779**	**2.3300e-003**	**0.1802**		**495.7761**	**495.7761**	**7.6000e-003**	**9.7900e-003**	**498.8842**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6089	16.9858	100.5896	0.1947		0.5470	0.5470		0.5470	0.5470	0.0000	18,964.0657	18,964.0657	0.6873		18,981.2475
Total	**3.6089**	**16.9858**	**100.5896**	**0.1947**		**0.5470**	**0.5470**		**0.5470**	**0.5470**	**0.0000**	**18,964.0657**	**18,964.0657**	**0.6873**		**18,981.2475**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Utilities Trenching - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1290	0.0724	1.3012	4.5600e-003	0.6707	2.5300e-003	0.6732	0.1779	2.3300e-003	0.1802		495.7761	495.7761	7.6000e-003	9.7900e-003	498.8842
Total	**0.1290**	**0.0724**	**1.3012**	**4.5600e-003**	**0.6707**	**2.5300e-003**	**0.6732**	**0.1779**	**2.3300e-003**	**0.1802**		**495.7761**	**495.7761**	**7.6000e-003**	**9.7900e-003**	**498.8842**

3.5 Utilities Trenching - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.8167	48.4853	107.1975	0.2237		1.3655	1.3655		1.3655	1.3655		21,653.4582	21,653.4582	0.7779		21,672.9060
Total	**8.8167**	**48.4853**	**107.1975**	**0.2237**		**1.3655**	**1.3655**		**1.3655**	**1.3655**		**21,653.4582**	**21,653.4582**	**0.7779**		**21,672.9060**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Utilities Trenching - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1219	0.0679	1.2572	4.4800e-003	0.6707	2.3700e-003	0.6730	0.1779	2.1800e-003	0.1800		490.0778	490.0778	7.0800e-003	9.5100e-003	493.0883
Total	**0.1219**	**0.0679**	**1.2572**	**4.4800e-003**	**0.6707**	**2.3700e-003**	**0.6730**	**0.1779**	**2.1800e-003**	**0.1800**		**490.0778**	**490.0778**	**7.0800e-003**	**9.5100e-003**	**493.0883**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6089	16.9858	100.5896	0.1947		0.5470	0.5470		0.5470	0.5470	0.0000	18,964.0657	18,964.0657	0.6873		18,981.2475
Total	**3.6089**	**16.9858**	**100.5896**	**0.1947**		**0.5470**	**0.5470**		**0.5470**	**0.5470**	**0.0000**	**18,964.0657**	**18,964.0657**	**0.6873**		**18,981.2475**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Utilities Trenching - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1219	0.0679	1.2572	4.4800e-003	0.6707	2.3700e-003	0.6730	0.1779	2.1800e-003	0.1800		490.0778	490.0778	7.0800e-003	9.5100e-003	493.0883
Total	**0.1219**	**0.0679**	**1.2572**	**4.4800e-003**	**0.6707**	**2.3700e-003**	**0.6730**	**0.1779**	**2.1800e-003**	**0.1800**		**490.0778**	**490.0778**	**7.0800e-003**	**9.5100e-003**	**493.0883**

3.6 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0493	15.9194	30.5992	0.0702		0.3988	0.3988		0.3988	0.3988		6,582.7571	6,582.7571	0.2707		6,589.5242
Total	**3.0493**	**15.9194**	**30.5992**	**0.0702**		**0.3988**	**0.3988**		**0.3988**	**0.3988**		**6,582.7571**	**6,582.7571**	**0.2707**		**6,589.5242**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0826	3.4501	1.2665	0.0142	0.5765	0.0168	0.5933	0.1660	0.0160	0.1821		1,535.2906	1,535.2906	0.0635	0.2218	1,602.9762
Worker	1.0241	0.5702	10.5605	0.0376	5.6335	0.0199	5.6535	1.4940	0.0183	1.5124		4,116.6536	4,116.6536	0.0595	0.0799	4,141.9416
Total	**1.1066**	**4.0203**	**11.8270**	**0.0518**	**6.2101**	**0.0367**	**6.2468**	**1.6601**	**0.0344**	**1.6944**		**5,651.9441**	**5,651.9441**	**0.1230**	**0.3017**	**5,744.9178**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7360	5.4946	34.4535	0.0674		0.0898	0.0898		0.0898	0.0898	0.0000	6,380.6919	6,380.6919	0.2497		6,386.9344
Total	**0.7360**	**5.4946**	**34.4535**	**0.0674**		**0.0898**	**0.0898**		**0.0898**	**0.0898**	**0.0000**	**6,380.6919**	**6,380.6919**	**0.2497**		**6,386.9344**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0826	3.4501	1.2665	0.0142	0.5765	0.0168	0.5933	0.1660	0.0160	0.1821		1,535.2906	1,535.2906	0.0635	0.2218	1,602.9762
Worker	1.0241	0.5702	10.5605	0.0376	5.6335	0.0199	5.6535	1.4940	0.0183	1.5124		4,116.6536	4,116.6536	0.0595	0.0799	4,141.9416
Total	**1.1066**	**4.0203**	**11.8270**	**0.0518**	**6.2101**	**0.0367**	**6.2468**	**1.6601**	**0.0344**	**1.6944**		**5,651.9441**	**5,651.9441**	**0.1230**	**0.3017**	**5,744.9178**

3.6 Building Construction - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0493	15.9194	30.5992	0.0702		0.3988	0.3988		0.3988	0.3988		6,582.7571	6,582.7571	0.2707		6,589.5242
Total	**3.0493**	**15.9194**	**30.5992**	**0.0702**		**0.3988**	**0.3988**		**0.3988**	**0.3988**		**6,582.7571**	**6,582.7571**	**0.2707**		**6,589.5242**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0821	3.4361	1.2686	0.0140	0.5765	0.0167	0.5932	0.1660	0.0160	0.1820		1,512.8981	1,512.8981	0.0639	0.2186	1,579.6400
Worker	0.9714	0.5386	10.2422	0.0370	5.6335	0.0187	5.6523	1.4940	0.0172	1.5113		4,074.6112	4,074.6112	0.0556	0.0779	4,099.2178
Total	**1.0534**	**3.9747**	**11.5108**	**0.0510**	**6.2101**	**0.0354**	**6.2455**	**1.6601**	**0.0332**	**1.6933**		**5,587.5094**	**5,587.5094**	**0.1195**	**0.2965**	**5,678.8578**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7360	5.4946	34.4535	0.0674		0.0898	0.0898		0.0898	0.0898	0.0000	6,380.6919	6,380.6919	0.2497		6,386.9344
Total	**0.7360**	**5.4946**	**34.4535**	**0.0674**		**0.0898**	**0.0898**		**0.0898**	**0.0898**	**0.0000**	**6,380.6919**	**6,380.6919**	**0.2497**		**6,386.9344**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0821	3.4361	1.2686	0.0140	0.5765	0.0167	0.5932	0.1660	0.0160	0.1820		1,512.8981	1,512.8981	0.0639	0.2186	1,579.6400
Worker	0.9714	0.5386	10.2422	0.0370	5.6335	0.0187	5.6523	1.4940	0.0172	1.5113		4,074.6112	4,074.6112	0.0556	0.0779	4,099.2178
Total	**1.0534**	**3.9747**	**11.5108**	**0.0510**	**6.2101**	**0.0354**	**6.2455**	**1.6601**	**0.0332**	**1.6933**		**5,587.5094**	**5,587.5094**	**0.1195**	**0.2965**	**5,678.8578**

3.6 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0493	15.9194	30.5992	0.0702		0.3988	0.3988		0.3988	0.3988		6,582.7571	6,582.7571	0.2707		6,589.5242
Total	**3.0493**	**15.9194**	**30.5992**	**0.0702**		**0.3988**	**0.3988**		**0.3988**	**0.3988**		**6,582.7571**	**6,582.7571**	**0.2707**		**6,589.5242**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0817	3.4206	1.2712	0.0138	0.5766	0.0166	0.5931	0.1660	0.0159	0.1819		1,491.8793	1,491.8793	0.0643	0.2156	1,557.7322
Worker	0.9241	0.5122	9.9501	0.0365	5.6335	0.0176	5.6512	1.4940	0.0162	1.5103		4,037.5662	4,037.5662	0.0521	0.0763	4,061.5916
Total	**1.0058**	**3.9328**	**11.2213**	**0.0503**	**6.2101**	**0.0342**	**6.2443**	**1.6601**	**0.0321**	**1.6921**		**5,529.4455**	**5,529.4455**	**0.1164**	**0.2918**	**5,619.3238**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7360	5.4946	34.4535	0.0674		0.0898	0.0898		0.0898	0.0898	0.0000	6,380.6919	6,380.6919	0.2497		6,386.9344
Total	**0.7360**	**5.4946**	**34.4535**	**0.0674**		**0.0898**	**0.0898**		**0.0898**	**0.0898**	**0.0000**	**6,380.6919**	**6,380.6919**	**0.2497**		**6,386.9344**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0817	3.4206	1.2712	0.0138	0.5766	0.0166	0.5931	0.1660	0.0159	0.1819		1,491.8793	1,491.8793	0.0643	0.2156	1,557.7322
Worker	0.9241	0.5122	9.9501	0.0365	5.6335	0.0176	5.6512	1.4940	0.0162	1.5103		4,037.5662	4,037.5662	0.0521	0.0763	4,061.5916
Total	**1.0058**	**3.9328**	**11.2213**	**0.0503**	**6.2101**	**0.0342**	**6.2443**	**1.6601**	**0.0321**	**1.6921**		**5,529.4455**	**5,529.4455**	**0.1164**	**0.2918**	**5,619.3238**

3.6 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.8251	13.5628	30.5482	0.0702		0.2587	0.2587		0.2587	0.2587		6,582.7571	6,582.7571	0.2493		6,588.9887
Total	**2.8251**	**13.5628**	**30.5482**	**0.0702**		**0.2587**	**0.2587**		**0.2587**	**0.2587**		**6,582.7571**	**6,582.7571**	**0.2493**		**6,588.9887**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0813	3.4073	1.2734	0.0136	0.5766	0.0165	0.5930	0.1660	0.0158	0.1818		1,472.8941	1,472.8941	0.0646	0.2129	1,537.9464
Worker	0.8827	0.4922	9.7062	0.0361	5.6335	0.0166	5.6502	1.4940	0.0153	1.5093		4,005.9012	4,005.9012	0.0491	0.0750	4,029.4700
Total	**0.9640**	**3.8995**	**10.9796**	**0.0496**	**6.2101**	**0.0331**	**6.2432**	**1.6601**	**0.0311**	**1.6911**		**5,478.7953**	**5,478.7953**	**0.1137**	**0.2879**	**5,567.4164**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7360	5.4946	34.4535	0.0674		0.0898	0.0898		0.0898	0.0898	0.0000	6,380.6919	6,380.6919	0.2283		6,386.3990
Total	**0.7360**	**5.4946**	**34.4535**	**0.0674**		**0.0898**	**0.0898**		**0.0898**	**0.0898**	**0.0000**	**6,380.6919**	**6,380.6919**	**0.2283**		**6,386.3990**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0813	3.4073	1.2734	0.0136	0.5766	0.0165	0.5930	0.1660	0.0158	0.1818		1,472.8941	1,472.8941	0.0646	0.2129	1,537.9464
Worker	0.8827	0.4922	9.7062	0.0361	5.6335	0.0166	5.6502	1.4940	0.0153	1.5093		4,005.9012	4,005.9012	0.0491	0.0750	4,029.4700
Total	**0.9640**	**3.8995**	**10.9796**	**0.0496**	**6.2101**	**0.0331**	**6.2432**	**1.6601**	**0.0311**	**1.6911**		**5,478.7953**	**5,478.7953**	**0.1137**	**0.2879**	**5,567.4164**

3.7 Paving - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.2105	25.5264	52.1323	0.0934		0.9292	0.9292		0.9292	0.9292		8,730.5024	8,730.5024	0.3779		8,739.9504
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**4.2105**	**25.5264**	**52.1323**	**0.0934**		**0.9292**	**0.9292**		**0.9292**	**0.9292**		**8,730.5024**	**8,730.5024**	**0.3779**		**8,739.9504**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Paving - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1422	0.0792	1.4667	5.2200e-003	0.7824	2.7700e-003	0.7852	0.2075	2.5500e-003	0.2101		571.7574	571.7574	8.2600e-003	0.0111	575.2697
Total	**0.1422**	**0.0792**	**1.4667**	**5.2200e-003**	**0.7824**	**2.7700e-003**	**0.7852**	**0.2075**	**2.5500e-003**	**0.2101**		**571.7574**	**571.7574**	**8.2600e-003**	**0.0111**	**575.2697**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4566	8.9739	37.1128	0.0623		0.2910	0.2910		0.2910	0.2910	0.0000	5,903.1924	5,903.1924	0.2730		5,910.0163
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4566**	**8.9739**	**37.1128**	**0.0623**		**0.2910**	**0.2910**		**0.2910**	**0.2910**	**0.0000**	**5,903.1924**	**5,903.1924**	**0.2730**		**5,910.0163**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Paving - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1422	0.0792	1.4667	5.2200e-003	0.7824	2.7700e-003	0.7852	0.2075	2.5500e-003	0.2101		571.7574	571.7574	8.2600e-003	0.0111	575.2697
Total	**0.1422**	**0.0792**	**1.4667**	**5.2200e-003**	**0.7824**	**2.7700e-003**	**0.7852**	**0.2075**	**2.5500e-003**	**0.2101**		**571.7574**	**571.7574**	**8.2600e-003**	**0.0111**	**575.2697**

3.8 Architectural Coating P2A & Phase 2 Equip - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.2419					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.3302	8.6580	13.0096	0.0237		0.2685	0.2685		0.2685	0.2685		2,061.5471	2,061.5471	0.1173		2,064.4793
Total	**12.5721**	**8.6580**	**13.0096**	**0.0237**		**0.2685**	**0.2685**		**0.2685**	**0.2685**		**2,061.5471**	**2,061.5471**	**0.1173**		**2,064.4793**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Architectural Coating P2A & Phase 2 Equip - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1852	0.1026	1.9940	7.3200e-003	1.1289	3.5300e-003	1.1325	0.2994	3.2500e-003	0.3027		809.1154	809.1154	0.0104	0.0153	813.9301
Total	**0.1852**	**0.1026**	**1.9940**	**7.3200e-003**	**1.1289**	**3.5300e-003**	**1.1325**	**0.2994**	**3.2500e-003**	**0.3027**		**809.1154**	**809.1154**	**0.0104**	**0.0153**	**813.9301**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	11.2419					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1585	0.6867	9.7729	0.0181		0.0211	0.0211		0.0211	0.0211	0.0000	1,657.4166	1,657.4166	0.0753		1,659.2999
Total	**11.4004**	**0.6867**	**9.7729**	**0.0181**		**0.0211**	**0.0211**		**0.0211**	**0.0211**	**0.0000**	**1,657.4166**	**1,657.4166**	**0.0753**		**1,659.2999**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Architectural Coating P2A & Phase 2 Equip - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1852	0.1026	1.9940	7.3200e-003	1.1289	3.5300e-003	1.1325	0.2994	3.2500e-003	0.3027		809.1154	809.1154	0.0104	0.0153	813.9301
Total	**0.1852**	**0.1026**	**1.9940**	**7.3200e-003**	**1.1289**	**3.5300e-003**	**1.1325**	**0.2994**	**3.2500e-003**	**0.3027**		**809.1154**	**809.1154**	**0.0104**	**0.0153**	**813.9301**

3.8 Architectural Coating P2A & Phase 2 Equip - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.2419					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.2607	8.1266	12.9911	0.0237		0.2119	0.2119		0.2119	0.2119		2,061.5471	2,061.5471	0.1120		2,064.3472
Total	**12.5026**	**8.1266**	**12.9911**	**0.0237**		**0.2119**	**0.2119**		**0.2119**	**0.2119**		**2,061.5471**	**2,061.5471**	**0.1120**		**2,064.3472**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Architectural Coating P2A & Phase 2 Equip - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1769	0.0986	1.9451	7.2300e-003	1.1289	3.3300e-003	1.1323	0.2994	3.0700e-003	0.3025		802.7699	802.7699	9.8400e-003	0.0150	807.4930
Total	**0.1769**	**0.0986**	**1.9451**	**7.2300e-003**	**1.1289**	**3.3300e-003**	**1.1323**	**0.2994**	**3.0700e-003**	**0.3025**		**802.7699**	**802.7699**	**9.8400e-003**	**0.0150**	**807.4930**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	11.2419					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1585	0.6867	9.7729	0.0181		0.0211	0.0211		0.0211	0.0211	0.0000	1,657.4166	1,657.4166	0.0701		1,659.1678
Total	**11.4004**	**0.6867**	**9.7729**	**0.0181**		**0.0211**	**0.0211**		**0.0211**	**0.0211**	**0.0000**	**1,657.4166**	**1,657.4166**	**0.0701**		**1,659.1678**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Architectural Coating P2A & Phase 2 Equip - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1769	0.0986	1.9451	7.2300e-003	1.1289	3.3300e-003	1.1323	0.2994	3.0700e-003	0.3025		802.7699	802.7699	9.8400e-003	0.0150	807.4930
Total	**0.1769**	**0.0986**	**1.9451**	**7.2300e-003**	**1.1289**	**3.3300e-003**	**1.1323**	**0.2994**	**3.0700e-003**	**0.3025**		**802.7699**	**802.7699**	**9.8400e-003**	**0.0150**	**807.4930**

3.9 Architectural Coating P2B - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.8110					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	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	**12.8110**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 Architectural Coating P2B - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	12.8110					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	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	**12.8110**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 Architectural Coating P2B - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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**	**0.0000**

3.9 Architectural Coating P2B - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.8110					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	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	**12.8110**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 Architectural Coating P2B - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	12.8110					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	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	**12.8110**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.9 Architectural Coating P2B - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Strip Mall	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
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
City Park	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
Enclosed Parking with Elevator	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
General Office Building	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
Strip Mall	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457

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	0.1701	1.4591	0.6599	9.2800e-003		0.1175	0.1175		0.1175	0.1175		1,855.4488	1,855.4488	0.0356	0.0340	1,866.4748
NaturalGas Unmitigated	0.1701	1.4591	0.6599	9.2800e-003		0.1175	0.1175		0.1175	0.1175		1,855.4488	1,855.4488	0.0356	0.0340	1,866.4748

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	14812.3	0.1597	1.3651	0.5809	8.7100e-003		0.1104	0.1104		0.1104	0.1104		1,742.6205	1,742.6205	0.0334	0.0320	1,752.9760
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
Enclosed Parking with Elevator	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
General Office Building	847.397	9.1400e-003	0.0831	0.0698	5.0000e-004		6.3100e-003	6.3100e-003		6.3100e-003	6.3100e-003		99.6938	99.6938	1.9100e-003	1.8300e-003	100.2862
Strip Mall	111.644	1.2000e-003	0.0110	9.1900e-003	7.0000e-005		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004		13.1346	13.1346	2.5000e-004	2.4000e-004	13.2126
Total		**0.1701**	**1.4591**	**0.6599**	**9.2800e-003**		**0.1175**	**0.1175**		**0.1175**	**0.1175**		**1,855.4488**	**1,855.4488**	**0.0356**	**0.0340**	**1,866.4748**

OSP - Phase 2 - Construction Mitigation - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	14.8123	0.1597	1.3651	0.5809	8.7100e-003		0.1104	0.1104		0.1104	0.1104		1,742.6205	1,742.6205	0.0334	0.0320	1,752.9760
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
Enclosed Parking with Elevator	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
General Office Building	0.847397	9.1400e-003	0.0831	0.0698	5.0000e-004		6.3100e-003	6.3100e-003		6.3100e-003	6.3100e-003		99.6938	99.6938	1.9100e-003	1.8300e-003	100.2862
Strip Mall	0.111644	1.2000e-003	0.0110	9.1900e-003	7.0000e-005		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004		13.1346	13.1346	2.5000e-004	2.4000e-004	13.2126
Total		**0.1701**	**1.4591**	**0.6599**	**9.2800e-003**		**0.1175**	**0.1175**		**0.1175**	**0.1175**		**1,855.4488**	**1,855.4488**	**0.0356**	**0.0340**	**1,866.4748**

6.0 Area Detail

6.1 Mitigation Measures Area

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	15.8028	0.5697	49.3764	2.6200e-003		0.2748	0.2748		0.2748	0.2748	0.0000	89.3322	89.3322	0.0854	0.0000	91.4661
Unmitigated	15.8028	0.5697	49.3764	2.6200e-003		0.2748	0.2748		0.2748	0.2748	0.0000	89.3322	89.3322	0.0854	0.0000	91.4661

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	14.3202					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.4825	0.5697	49.3764	2.6200e-003		0.2748	0.2748		0.2748	0.2748		89.3322	89.3322	0.0854		91.4661
Total	**15.8028**	**0.5697**	**49.3764**	**2.6200e-003**		**0.2748**	**0.2748**		**0.2748**	**0.2748**	**0.0000**	**89.3322**	**89.3322**	**0.0854**	**0.0000**	**91.4661**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	14.3202					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.4825	0.5697	49.3764	2.6200e-003		0.2748	0.2748		0.2748	0.2748		89.3322	89.3322	0.0854		91.4661
Total	**15.8028**	**0.5697**	**49.3764**	**2.6200e-003**		**0.2748**	**0.2748**		**0.2748**	**0.2748**	**0.0000**	**89.3322**	**89.3322**	**0.0854**	**0.0000**	**91.4661**

7.0 Water Detail

7.1 Mitigation Measures Water

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	23.00	1000sqft	0.00	23,000.00	0
Enclosed Parking with Elevator	806.00	Space	0.00	322,210.00	0
City Park	1.60	Acre	1.60	69,696.00	0
Apartments Mid Rise	576.00	Dwelling Unit	5.54	576,000.00	1647
Condo/Townhouse	45.00	Dwelling Unit	0.00	45,000.00	129
Strip Mall	20.00	1000sqft	0.00	20,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2040
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - See Assumptions. Architectural coating fugitive emissions modeled separately for Scenario 3B.

Off-road Equipment - ss

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumption

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - See Assumptions

Off-road Equipment - see Assumptions

Off-road Equipment - see assumptions

Off-road Equipment - see Assumptions

Off-road Equipment - See Assumptions

Trips and VMT - See Assumptions

Demolition - see assumptions

Grading - see Assumptions

Architectural Coating - See Assumptions

Vehicle Trips - Operational modeled separately

Woodstoves - Operational modeled separately

Area Coating - Operational modeled separately

Landscape Equipment - Operational modeled separately

Energy Use - Operational modeled separately

Water And Wastewater - Operational modeled separately

Solid Waste - Operational modeled separately

Construction Off-road Equipment Mitigation - See Assumptions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	54,718.00	30,350.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	164,154.00	91,050.00
tblArchitecturalCoating	ConstArea_Parking	19,333.00	23,119.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	419,175.00	290,250.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,257,525.00	870,750.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	28.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	58.00
tblConstructionPhase	NumDays	10.00	29.00
tblConstructionPhase	NumDays	20.00	58.00
tblConstructionPhase	NumDays	230.00	672.00
tblConstructionPhase	NumDays	20.00	336.00
tblConstructionPhase	NumDays	20.00	336.00
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1.75	0.00
tblEnergyUse	LightingElect	3.77	0.00
tblEnergyUse	LightingElect	6.26	0.00
tblEnergyUse	NT24E	3,054.10	0.00
tblEnergyUse	NT24E	3,795.01	0.00
tblEnergyUse	NT24E	0.19	0.00
tblEnergyUse	NT24E	4.62	0.00
tblEnergyUse	NT24E	3.23	0.00
tblEnergyUse	NT24NG	4,831.00	0.00
tblEnergyUse	NT24NG	4,831.00	0.00
tblEnergyUse	NT24NG	0.39	0.00
tblEnergyUse	NT24NG	0.49	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblEnergyUse	T24E	35.05	0.00
tblEnergyUse	T24E	39.19	0.00
tblEnergyUse	T24E	3.50	0.00
tblEnergyUse	T24E	4.11	0.00
tblEnergyUse	T24E	3.58	0.00
tblEnergyUse	T24NG	4,179.80	0.00
tblEnergyUse	T24NG	12,162.60	0.00
tblEnergyUse	T24NG	9.92	0.00
tblEnergyUse	T24NG	1.14	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	NumberGas	489.60	0.00
tblFireplaces	NumberGas	38.25	0.00
tblFireplaces	NumberNoFireplace	57.60	0.00
tblFireplaces	NumberNoFireplace	4.50	0.00
tblFireplaces	NumberWood	28.80	0.00
tblFireplaces	NumberWood	2.25	0.00
tblGrading	MaterialExported	0.00	132,721.00
tblLandUse	LandUseSquareFeet	322,400.00	322,210.00
tblLandUse	LotAcreage	0.53	0.00
tblLandUse	LotAcreage	7.25	0.00
tblLandUse	LotAcreage	15.16	5.54
tblLandUse	LotAcreage	2.81	0.00
tblLandUse	LotAcreage	0.46	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	7.00	2.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblSolidWaste	SolidWasteGenerationRate	264.96	0.00
tblSolidWaste	SolidWasteGenerationRate	0.14	0.00
tblSolidWaste	SolidWasteGenerationRate	20.70	0.00
tblSolidWaste	SolidWasteGenerationRate	21.39	0.00
tblSolidWaste	SolidWasteGenerationRate	21.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	13,123.00	8,295.00
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	1.96	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	ST_TR	8.14	0.00
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	6.28	0.00
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	7.32	0.00
tblVehicleTrips	WD_TR	9.74	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	37,528,718.76	0.00
tblWater	IndoorWaterUseRate	2,931,931.15	0.00
tblWater	IndoorWaterUseRate	4,087,876.20	0.00
tblWater	IndoorWaterUseRate	1,481,450.43	0.00
tblWater	OutdoorWaterUseRate	23,659,409.65	0.00
tblWater	OutdoorWaterUseRate	1,906,370.16	0.00
tblWater	OutdoorWaterUseRate	1,848,391.38	0.00
tblWater	OutdoorWaterUseRate	2,505,472.51	0.00
tblWater	OutdoorWaterUseRate	907,985.75	0.00
tblWoodstoves	NumberCatalytic	28.80	0.00
tblWoodstoves	NumberCatalytic	2.25	0.00
tblWoodstoves	NumberNoncatalytic	28.80	0.00
tblWoodstoves	NumberNoncatalytic	2.25	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
2034	0.1512	1.9104	1.6395	8.7300e-003	0.4326	0.0261	0.4587	0.0967	0.0257	0.1224	0.0000	850.1750	850.1750	0.0510	0.0873	877.4731
2035	0.1886	0.9939	2.3672	9.6900e-003	1.0076	9.6200e-003	1.0172	0.2702	9.2700e-003	0.2795	0.0000	899.7598	899.7598	0.0224	0.0498	915.1510
2036	1.2521	1.0246	2.5885	0.0105	1.1262	0.0107	1.1368	0.3017	0.0103	0.3120	0.0000	974.4360	974.4360	0.0237	0.0514	990.3415
2037	3.2854	0.5920	1.8574	7.3200e-003	0.8585	8.0400e-003	0.8665	0.2293	7.7800e-003	0.2371	0.0000	674.6220	674.6220	0.0149	0.0297	683.8360
Maximum	**3.2854**	**1.9104**	**2.5885**	**0.0105**	**1.1262**	**0.0261**	**1.1368**	**0.3017**	**0.0257**	**0.3120**	**0.0000**	**974.4360**	**974.4360**	**0.0510**	**0.0873**	**990.3415**

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2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2034	-0.2424	0.2046	1.8730	7.7200e-003	0.3484	-0.0238	0.3246	0.0854	-0.0242	0.0612	0.0000	766.7825	766.7825	0.0477	0.0873	793.9974
2035	-0.0423	-0.2374	2.4705	9.5400e-003	1.0076	-0.0066	1.0010	0.2702	-0.0070	0.2633	0.0000	890.5922	890.5922	0.0215	0.0498	905.9596
2036	1.0050	-0.3123	2.6043	0.0102	1.1262	-0.0095	1.1167	0.3017	-0.0099	0.2919	0.0000	953.8823	953.8823	0.0215	0.0514	969.7343
2037	3.1188	-0.3478	1.6467	6.7200e-003	0.8585	-0.0123	0.8461	0.2293	-0.0126	0.2167	0.0000	635.4050	635.4050	0.0108	0.0297	644.5172
Maximum	**3.1188**	**0.2046**	**2.6043**	**0.0102**	**1.1262**	**-0.0066**	**1.1167**	**0.3017**	**-0.0070**	**0.2919**	**0.0000**	**953.8823**	**953.8823**	**0.0477**	**0.0873**	**969.7343**

	ROG	NOx	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	**21.29**	**115.33**	**-1.68**	**5.74**	**2.46**	**196.05**	**5.49**	**1.26**	**201.19**	**12.40**	**0.00**	**4.48**	**4.48**	**9.36**	**0.00**	**4.40**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**3-1-2034**	**5-31-2034**	0.2439	-0.3400
2	**6-1-2034**	**8-31-2034**	1.1584	0.6853
3	**9-1-2034**	**11-30-2034**	0.4990	-0.3294
4	**12-1-2034**	**2-28-2035**	0.3027	-0.1459
5	**3-1-2035**	**5-31-2035**	0.2911	-0.0757
6	**6-1-2035**	**8-31-2035**	0.2867	-0.0801
7	**9-1-2035**	**11-30-2035**	0.2923	-0.0706
8	**12-1-2035**	**2-29-2036**	0.2965	-0.0663

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9	**3-1-2036**	**5-31-2036**	0.2911	-0.0757
10	**6-1-2036**	**8-31-2036**	0.2867	-0.0801
11	**9-1-2036**	**11-30-2036**	1.1007	0.6481
12	**12-1-2036**	**2-28-2037**	1.1301	0.6785
13	**3-1-2037**	**5-31-2037**	1.1452	0.6835
14	**6-1-2037**	**8-31-2037**	0.9655	0.7271
15	**9-1-2037**	**9-30-2037**	0.2783	0.2473
		Highest	1.1584	0.7271

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	2.8520	0.0737	6.3868	3.4000e-004		0.0356	0.0356		0.0356	0.0356	0.0000	10.4822	10.4822	0.0100	0.0000	10.7325
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	**2.8520**	**0.0737**	**6.3868**	**3.4000e-004**	**0.0000**	**0.0356**	**0.0356**	**0.0000**	**0.0356**	**0.0356**	**0.0000**	**10.4822**	**10.4822**	**0.0100**	**0.0000**	**10.7325**

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.8520	0.0737	6.3868	3.4000e-004		0.0356	0.0356		0.0356	0.0356	0.0000	10.4822	10.4822	0.0100	0.0000	10.7325
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	**2.8520**	**0.0737**	**6.3868**	**3.4000e-004**	**0.0000**	**0.0356**	**0.0356**	**0.0000**	**0.0356**	**0.0356**	**0.0000**	**10.4822**	**10.4822**	**0.0100**	**0.0000**	**10.7325**

	ROG	NOx	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	3/1/2034	5/19/2034	5	58	
2	Site Prep	Site Preparation	5/20/2034	6/29/2034	5	29	
3	Grading	Grading	6/30/2034	9/19/2034	5	58	

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4	Utilities Trenching	Trenching	9/19/2034	12/7/2034	5	58	
5	Building Construction	Building Construction	12/8/2034	7/6/2037	5	672	
6	Paving	Paving	12/8/2034	1/4/2035	5	20	
7	Architectural Coating - Phase 3	Architectural Coating	9/5/2036	12/18/2037	5	336	
8	Architectural Coating - P3 SB - AC emiss.	Architectural Coating	9/5/2036	12/18/2037	5	336	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 116

Acres of Paving: 0

Residential Indoor: 1,257,525; Residential Outdoor: 419,175; Non-Residential Indoor: 164,154; Non-Residential Outdoor: 54,718; Striped Parking Area: 19,333 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	2.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Generator Sets	1	2.00	84	0.74
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Sweepers/Scrubbers	1	2.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Prep	Rubber Tired Dozers	0	8.00	247	0.40
Site Prep	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site Prep	Trenchers	1	2.00	78	0.50
Grading	Air Compressors	0	8.00	78	0.48
Grading	Excavators	1	8.00	158	0.38
Grading	Generator Sets	0	8.00	84	0.74
Grading	Graders	0	8.00	187	0.41
Grading	Plate Compactors	1	8.00	8	0.43

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Grading	Pumps	0	8.00	84	0.74
Grading	Rough Terrain Forklifts	0	8.00	100	0.40
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Sweepers/Scrubbers	1	8.00	64	0.46
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Welders	1	2.00	46	0.45
Building Construction	Air Compressors	1	2.00	78	0.48
Building Construction	Cement and Mortar Mixers	1	2.00	9	0.56
Building Construction	Cranes	1	2.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Rough Terrain Forklifts	1	8.00	100	0.40
Building Construction	Sweepers/Scrubbers	1	2.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Generator Sets	0	8.00	84	0.74
Paving	Pavers	1	2.00	130	0.42
Paving	Paving Equipment	1	2.00	132	0.36
Paving	Plate Compactors	1	2.00	8	0.43
Paving	Rollers	1	2.00	80	0.38
Paving	Signal Boards	1	2.00	6	0.82
Paving	Sweepers/Scrubbers	1	2.00	64	0.46
Architectural Coating - Phase 3	Air Compressors	0	0.00	78	0.48
Architectural Coating - Phase 3	Cement and Mortar Mixers	1	8.00	9	0.56
Architectural Coating - Phase 3	Pressure Washers	1	2.00	13	0.30
Utilities Trenching	Air Compressors	1	2.00	78	0.48
Utilities Trenching	Concrete/Industrial Saws	1	2.00	81	0.73
Utilities Trenching	Excavators	1	8.00	158	0.38

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Utilities Trenching	Generator Sets	1	2.00	84	0.74
Utilities Trenching	Paving Equipment	1	2.00	132	0.36
Utilities Trenching	Rollers	1	2.00	80	0.38
Utilities Trenching	Rubber Tired Loaders	1	8.00	203	0.36
Utilities Trenching	Signal Boards	1	2.00	6	0.82
Utilities Trenching	Surfacing Equipment	1	2.00	263	0.30
Utilities Trenching	Sweepers/Scrubbers	1	2.00	64	0.46
Utilities Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating - P3 SB - AC emiss.	Air Compressors	0	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	0.00	847.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Site Prep	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	7	18.00	0.00	8,295.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	625.00	138.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Phase 3	2	125.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utilities Trenching	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - P3 SB - AC emiss.	0	125.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

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3.2 Demolition - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0917	0.0000	0.0917	0.0139	0.0000	0.0139	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0235	0.1020	0.2804	6.3000e-004		2.7100e-003	2.7100e-003		2.7100e-003	2.7100e-003	0.0000	54.5029	54.5029	1.8600e-003	0.0000	54.5495
Total	**0.0235**	**0.1020**	**0.2804**	**6.3000e-004**	**0.0917**	**2.7100e-003**	**0.0944**	**0.0139**	**2.7100e-003**	**0.0166**	**0.0000**	**54.5029**	**54.5029**	**1.8600e-003**	**0.0000**	**54.5495**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.4200e-003	0.1218	0.0316	4.8000e-004	0.0182	8.1000e-004	0.0190	5.0000e-003	7.7000e-004	5.7700e-003	0.0000	48.7956	48.7956	3.6800e-003	7.7800e-003	51.2059
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.2000e-004	4.5000e-004	8.6100e-003	3.0000e-005	4.7700e-003	1.0000e-005	4.7800e-003	1.2700e-003	1.0000e-005	1.2800e-003	0.0000	2.9324	2.9324	4.0000e-005	6.0000e-005	2.9514
Total	**2.1400e-003**	**0.1223**	**0.0402**	**5.1000e-004**	**0.0230**	**8.2000e-004**	**0.0238**	**6.2700e-003**	**7.8000e-004**	**7.0500e-003**	**0.0000**	**51.7280**	**51.7280**	**3.7200e-003**	**7.8400e-003**	**54.1573**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0413	0.0000	0.0413	6.2500e-003	0.0000	6.2500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	-0.0849	-0.3744	0.3032	2.5000e-004		-0.0095	-0.0095		-0.0095	-0.0095	0.0000	21.7208	21.7208	9.4000e-004	0.0000	21.7444
Total	**-0.0849**	**-0.3744**	**0.3032**	**2.5000e-004**	**0.0413**	**-0.0095**	**0.0318**	**6.2500e-003**	**-0.0095**	**-0.0032**	**0.0000**	**21.7208**	**21.7208**	**9.4000e-004**	**0.0000**	**21.7444**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.4200e-003	0.1218	0.0316	4.8000e-004	0.0182	8.1000e-004	0.0190	5.0000e-003	7.7000e-004	5.7700e-003	0.0000	48.7956	48.7956	3.6800e-003	7.7800e-003	51.2059
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.2000e-004	4.5000e-004	8.6100e-003	3.0000e-005	4.7700e-003	1.0000e-005	4.7800e-003	1.2700e-003	1.0000e-005	1.2800e-003	0.0000	2.9324	2.9324	4.0000e-005	6.0000e-005	2.9514
Total	**2.1400e-003**	**0.1223**	**0.0402**	**5.1000e-004**	**0.0230**	**8.2000e-004**	**0.0238**	**6.2700e-003**	**7.8000e-004**	**7.0500e-003**	**0.0000**	**51.7280**	**51.7280**	**3.7200e-003**	**7.8400e-003**	**54.1573**

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3.3 Site Prep - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	1.0200e-003	6.3800e-003	9.3300e-003	1.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004	0.0000	1.2855	1.2855	8.0000e-005	0.0000	1.2875
Total	**1.0200e-003**	**6.3800e-003**	**9.3300e-003**	**1.0000e-005**	**0.0000**	**3.3000e-004**	**3.3000e-004**	**0.0000**	**3.3000e-004**	**3.3000e-004**	**0.0000**	**1.2855**	**1.2855**	**8.0000e-005**	**0.0000**	**1.2875**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.0000e-005	8.6000e-004	0.0000	4.8000e-004	0.0000	4.8000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.2932	0.2932	0.0000	1.0000e-005	0.2951
Total	**7.0000e-005**	**4.0000e-005**	**8.6000e-004**	**0.0000**	**4.8000e-004**	**0.0000**	**4.8000e-004**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**0.2932**	**0.2932**	**0.0000**	**1.0000e-005**	**0.2951**

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3.3 Site Prep - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	-0.0025	-0.0166	8.9000e-003	1.0000e-005		-0.0009	-0.0009		-0.0009	-0.0009	0.0000	1.2855	1.2855	8.0000e-005	0.0000	1.2875
Total	**-0.0025**	**-0.0166**	**8.9000e-003**	**1.0000e-005**	**0.0000**	**-0.0009**	**-0.0009**	**0.0000**	**-0.0009**	**-0.0009**	**0.0000**	**1.2855**	**1.2855**	**8.0000e-005**	**0.0000**	**1.2875**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.0000e-005	8.6000e-004	0.0000	4.8000e-004	0.0000	4.8000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.2932	0.2932	0.0000	1.0000e-005	0.2951
Total	**7.0000e-005**	**4.0000e-005**	**8.6000e-004**	**0.0000**	**4.8000e-004**	**0.0000**	**4.8000e-004**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**0.2932**	**0.2932**	**0.0000**	**1.0000e-005**	**0.2951**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0615	0.0000	0.0615	6.6400e-003	0.0000	6.6400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0645	0.2760	0.4581	1.3200e-003		9.2100e-003	9.2100e-003		9.2100e-003	9.2100e-003	0.0000	128.2341	128.2341	5.1900e-003	0.0000	128.3640
Total	**0.0645**	**0.2760**	**0.4581**	**1.3200e-003**	**0.0615**	**9.2100e-003**	**0.0707**	**6.6400e-003**	**9.2100e-003**	**0.0159**	**0.0000**	**128.2341**	**128.2341**	**5.1900e-003**	**0.0000**	**128.3640**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0139	1.1930	0.3092	4.7300e-003	0.1783	7.9000e-003	0.1862	0.0490	7.5600e-003	0.0565	0.0000	477.8746	477.8746	0.0360	0.0762	501.4793
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6000e-004	5.4000e-004	0.0103	4.0000e-005	5.7200e-003	2.0000e-005	5.7400e-003	1.5200e-003	2.0000e-005	1.5400e-003	0.0000	3.5189	3.5189	5.0000e-005	7.0000e-005	3.5417
Total	**0.0148**	**1.1936**	**0.3195**	**4.7700e-003**	**0.1840**	**7.9200e-003**	**0.1919**	**0.0505**	**7.5800e-003**	**0.0581**	**0.0000**	**481.3935**	**481.3935**	**0.0361**	**0.0763**	**505.0210**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0277	0.0000	0.0277	2.9900e-003	0.0000	2.9900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	-0.0616	-0.1834	0.5920	1.1100e-003		-0.0064	-0.0064		-0.0064	-0.0064	0.0000	113.6888	113.6888	4.0500e-003	0.0000	113.7900
Total	**-0.0616**	**-0.1834**	**0.5920**	**1.1100e-003**	**0.0277**	**-0.0064**	**0.0213**	**2.9900e-003**	**-0.0064**	**-0.0034**	**0.0000**	**113.6888**	**113.6888**	**4.0500e-003**	**0.0000**	**113.7900**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0139	1.1930	0.3092	4.7300e-003	0.1783	7.9000e-003	0.1862	0.0490	7.5600e-003	0.0565	0.0000	477.8746	477.8746	0.0360	0.0762	501.4793
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6000e-004	5.4000e-004	0.0103	4.0000e-005	5.7200e-003	2.0000e-005	5.7400e-003	1.5200e-003	2.0000e-005	1.5400e-003	0.0000	3.5189	3.5189	5.0000e-005	7.0000e-005	3.5417
Total	**0.0148**	**1.1936**	**0.3195**	**4.7700e-003**	**0.1840**	**7.9200e-003**	**0.1919**	**0.0505**	**7.5800e-003**	**0.0581**	**0.0000**	**481.3935**	**481.3935**	**0.0361**	**0.0763**	**505.0210**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Utilities Trenching - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0298	0.1362	0.3446	7.8000e-004		3.9400e-003	3.9400e-003		3.9400e-003	3.9400e-003	0.0000	67.6334	67.6334	2.3700e-003	0.0000	67.6927
Total	**0.0298**	**0.1362**	**0.3446**	**7.8000e-004**		**3.9400e-003**	**3.9400e-003**		**3.9400e-003**	**3.9400e-003**	**0.0000**	**67.6334**	**67.6334**	**2.3700e-003**	**0.0000**	**67.6927**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3400e-003	8.3000e-004	0.0161	6.0000e-005	8.9000e-003	3.0000e-005	8.9300e-003	2.3600e-003	3.0000e-005	2.3900e-003	0.0000	5.4738	5.4738	8.0000e-005	1.1000e-004	5.5094
Total	**1.3400e-003**	**8.3000e-004**	**0.0161**	**6.0000e-005**	**8.9000e-003**	**3.0000e-005**	**8.9300e-003**	**2.3600e-003**	**3.0000e-005**	**2.3900e-003**	**0.0000**	**5.4738**	**5.4738**	**8.0000e-005**	**1.1000e-004**	**5.5094**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Utilities Trenching - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	-0.1045	-0.4985	0.4153	3.7000e-004		-0.0135	-0.0135		-0.0135	-0.0135	0.0000	32.9053	32.9053	1.2500e-003	0.0000	32.9365
Total	**-0.1045**	**-0.4985**	**0.4153**	**3.7000e-004**		**-0.0135**	**-0.0135**		**-0.0135**	**-0.0135**	**0.0000**	**32.9053**	**32.9053**	**1.2500e-003**	**0.0000**	**32.9365**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3400e-003	8.3000e-004	0.0161	6.0000e-005	8.9000e-003	3.0000e-005	8.9300e-003	2.3600e-003	3.0000e-005	2.3900e-003	0.0000	5.4738	5.4738	8.0000e-005	1.1000e-004	5.5094
Total	**1.3400e-003**	**8.3000e-004**	**0.0161**	**6.0000e-005**	**8.9000e-003**	**3.0000e-005**	**8.9300e-003**	**2.3600e-003**	**3.0000e-005**	**2.3900e-003**	**0.0000**	**5.4738**	**5.4738**	**8.0000e-005**	**1.1000e-004**	**5.5094**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.8400e-003	0.0159	0.0330	6.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	5.4359	5.4359	2.3000e-004	0.0000	5.4416
Total	**2.8400e-003**	**0.0159**	**0.0330**	**6.0000e-005**		**3.6000e-004**	**3.6000e-004**		**3.6000e-004**	**3.6000e-004**	**0.0000**	**5.4359**	**5.4359**	**2.3000e-004**	**0.0000**	**5.4416**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0300e-003	0.0420	0.0153	1.7000e-004	6.9600e-003	2.0000e-004	7.1600e-003	2.0100e-003	1.9000e-004	2.2000e-003	0.0000	16.5831	16.5831	7.2000e-004	2.4000e-003	17.3151
Worker	8.2400e-003	5.1400e-003	0.0990	3.7000e-004	0.0548	1.7000e-004	0.0550	0.0146	1.6000e-004	0.0147	0.0000	33.7055	33.7055	4.7000e-004	7.0000e-004	33.9246
Total	**9.2700e-003**	**0.0472**	**0.1144**	**5.4000e-004**	**0.0618**	**3.7000e-004**	**0.0621**	**0.0166**	**3.5000e-004**	**0.0169**	**0.0000**	**50.2885**	**50.2885**	**1.1900e-003**	**3.1000e-003**	**51.2397**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	-0.0714	0.0390	6.0000e-005		-0.0016	-0.0016		-0.0016	-0.0016	0.0000	4.8859	4.8859	1.7000e-004	0.0000	4.8902
Total	**-0.0126**	**-0.0714**	**0.0390**	**6.0000e-005**		**-0.0016**	**-0.0016**		**-0.0016**	**-0.0016**	**0.0000**	**4.8859**	**4.8859**	**1.7000e-004**	**0.0000**	**4.8902**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0300e-003	0.0420	0.0153	1.7000e-004	6.9600e-003	2.0000e-004	7.1600e-003	2.0100e-003	1.9000e-004	2.2000e-003	0.0000	16.5831	16.5831	7.2000e-004	2.4000e-003	17.3151
Worker	8.2400e-003	5.1400e-003	0.0990	3.7000e-004	0.0548	1.7000e-004	0.0550	0.0146	1.6000e-004	0.0147	0.0000	33.7055	33.7055	4.7000e-004	7.0000e-004	33.9246
Total	**9.2700e-003**	**0.0472**	**0.1144**	**5.4000e-004**	**0.0618**	**3.7000e-004**	**0.0621**	**0.0166**	**3.5000e-004**	**0.0169**	**0.0000**	**50.2885**	**50.2885**	**1.1900e-003**	**3.1000e-003**	**51.2397**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0433	0.2289	0.5375	1.0400e-003		3.6300e-003	3.6300e-003		3.6300e-003	3.6300e-003	0.0000	88.6723	88.6723	3.4500e-003	0.0000	88.7586
Total	**0.0433**	**0.2289**	**0.5375**	**1.0400e-003**		**3.6300e-003**	**3.6300e-003**		**3.6300e-003**	**3.6300e-003**	**0.0000**	**88.6723**	**88.6723**	**3.4500e-003**	**0.0000**	**88.7586**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0168	0.6826	0.2506	2.7100e-003	0.1135	3.2900e-003	0.1168	0.0328	3.1500e-003	0.0359	0.0000	267.0657	267.0657	0.0118	0.0386	278.8614
Worker	0.1281	0.0805	1.5734	5.9200e-003	0.8938	2.6400e-003	0.8964	0.2374	2.4300e-003	0.2398	0.0000	543.0478	543.0478	7.1900e-003	0.0112	546.5548
Total	**0.1449**	**0.7631**	**1.8240**	**8.6300e-003**	**1.0073**	**5.9300e-003**	**1.0132**	**0.2701**	**5.5800e-003**	**0.2757**	**0.0000**	**810.1134**	**810.1134**	**0.0190**	**0.0498**	**825.4162**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	-0.1864	-0.9985	0.6406	9.0000e-004		-0.0124	-0.0124		-0.0124	-0.0124	0.0000	79.7014	79.7014	2.5200e-003	0.0000	79.7645
Total	**-0.1864**	**-0.9985**	**0.6406**	**9.0000e-004**		**-0.0124**	**-0.0124**		**-0.0124**	**-0.0124**	**0.0000**	**79.7014**	**79.7014**	**2.5200e-003**	**0.0000**	**79.7645**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0168	0.6826	0.2506	2.7100e-003	0.1135	3.2900e-003	0.1168	0.0328	3.1500e-003	0.0359	0.0000	267.0657	267.0657	0.0118	0.0386	278.8614
Worker	0.1281	0.0805	1.5734	5.9200e-003	0.8938	2.6400e-003	0.8964	0.2374	2.4300e-003	0.2398	0.0000	543.0478	543.0478	7.1900e-003	0.0112	546.5548
Total	**0.1449**	**0.7631**	**1.8240**	**8.6300e-003**	**1.0073**	**5.9300e-003**	**1.0132**	**0.2701**	**5.5800e-003**	**0.2757**	**0.0000**	**810.1134**	**810.1134**	**0.0190**	**0.0498**	**825.4162**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0434	0.2297	0.5395	1.0400e-003		3.6400e-003	3.6400e-003		3.6400e-003	3.6400e-003	0.0000	89.0120	89.0120	3.4700e-003	0.0000	89.0987
Total	**0.0434**	**0.2297**	**0.5395**	**1.0400e-003**		**3.6400e-003**	**3.6400e-003**		**3.6400e-003**	**3.6400e-003**	**0.0000**	**89.0120**	**89.0120**	**3.4700e-003**	**0.0000**	**89.0987**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0168	0.6852	0.2516	2.7300e-003	0.1140	3.3000e-003	0.1173	0.0329	3.1600e-003	0.0361	0.0000	268.0889	268.0889	0.0118	0.0387	279.9299
Worker	0.1286	0.0808	1.5794	5.9400e-003	0.8972	2.6500e-003	0.8998	0.2383	2.4400e-003	0.2407	0.0000	545.1284	545.1284	7.2200e-003	0.0112	548.6489
Total	**0.1455**	**0.7660**	**1.8310**	**8.6700e-003**	**1.0111**	**5.9500e-003**	**1.0171**	**0.2712**	**5.6000e-003**	**0.2768**	**0.0000**	**813.2173**	**813.2173**	**0.0190**	**0.0500**	**828.5787**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2036

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	-0.1871	-1.0024	0.6431	9.0000e-004		-0.0124	-0.0124		-0.0124	-0.0124	0.0000	80.0068	80.0068	2.5300e-003	0.0000	80.0701
Total	**-0.1871**	**-1.0024**	**0.6431**	**9.0000e-004**		**-0.0124**	**-0.0124**		**-0.0124**	**-0.0124**	**0.0000**	**80.0068**	**80.0068**	**2.5300e-003**	**0.0000**	**80.0701**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0168	0.6852	0.2516	2.7300e-003	0.1140	3.3000e-003	0.1173	0.0329	3.1600e-003	0.0361	0.0000	268.0889	268.0889	0.0118	0.0387	279.9299
Worker	0.1286	0.0808	1.5794	5.9400e-003	0.8972	2.6500e-003	0.8998	0.2383	2.4400e-003	0.2407	0.0000	545.1284	545.1284	7.2200e-003	0.0112	548.6489
Total	**0.1455**	**0.7660**	**1.8310**	**8.6700e-003**	**1.0111**	**5.9500e-003**	**1.0171**	**0.2712**	**5.6000e-003**	**0.2768**	**0.0000**	**813.2173**	**813.2173**	**0.0190**	**0.0500**	**828.5787**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0221	0.1166	0.2739	5.3000e-004		1.8500e-003	1.8500e-003		1.8500e-003	1.8500e-003	0.0000	45.1855	45.1855	1.7600e-003	0.0000	45.2295
Total	**0.0221**	**0.1166**	**0.2739**	**5.3000e-004**		**1.8500e-003**	**1.8500e-003**		**1.8500e-003**	**1.8500e-003**	**0.0000**	**45.1855**	**45.1855**	**1.7600e-003**	**0.0000**	**45.2295**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.5500e-003	0.3478	0.1277	1.3800e-003	0.0578	1.6800e-003	0.0595	0.0167	1.6000e-003	0.0183	0.0000	136.0909	136.0909	5.9900e-003	0.0197	142.1018
Worker	0.0653	0.0410	0.8018	3.0200e-003	0.4554	1.3400e-003	0.4568	0.1210	1.2400e-003	0.1222	0.0000	276.7255	276.7255	3.6600e-003	5.6900e-003	278.5126
Total	**0.0738**	**0.3889**	**0.9295**	**4.4000e-003**	**0.5133**	**3.0200e-003**	**0.5163**	**0.1377**	**2.8400e-003**	**0.1405**	**0.0000**	**412.8164**	**412.8164**	**9.6500e-003**	**0.0254**	**420.6144**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2037

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	-0.0950	-0.5088	0.3264	4.6000e-004		-0.0063	-0.0063		-0.0063	-0.0063	0.0000	40.6141	40.6141	1.2900e-003	0.0000	40.6463
Total	**-0.0950**	**-0.5088**	**0.3264**	**4.6000e-004**		**-0.0063**	**-0.0063**		**-0.0063**	**-0.0063**	**0.0000**	**40.6141**	**40.6141**	**1.2900e-003**	**0.0000**	**40.6463**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.5500e-003	0.3478	0.1277	1.3800e-003	0.0578	1.6800e-003	0.0595	0.0167	1.6000e-003	0.0183	0.0000	136.0909	136.0909	5.9900e-003	0.0197	142.1018
Worker	0.0653	0.0410	0.8018	3.0200e-003	0.4554	1.3400e-003	0.4568	0.1210	1.2400e-003	0.1222	0.0000	276.7255	276.7255	3.6600e-003	5.6900e-003	278.5126
Total	**0.0738**	**0.3889**	**0.9295**	**4.4000e-003**	**0.5133**	**3.0200e-003**	**0.5163**	**0.1377**	**2.8400e-003**	**0.1405**	**0.0000**	**412.8164**	**412.8164**	**9.6500e-003**	**0.0254**	**420.6144**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8500e-003	9.9700e-003	0.0207	4.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	3.0974	3.0974	1.5000e-004	0.0000	3.1011
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.8500e-003**	**9.9700e-003**	**0.0207**	**4.0000e-005**		**4.0000e-004**	**4.0000e-004**		**4.0000e-004**	**4.0000e-004**	**0.0000**	**3.0974**	**3.0974**	**1.5000e-004**	**0.0000**	**3.1011**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	1.2000e-004	2.3800e-003	1.0000e-005	1.3100e-003	0.0000	1.3200e-003	3.5000e-004	0.0000	3.5000e-004	0.0000	0.8089	0.8089	1.0000e-005	2.0000e-005	0.8142
Total	**2.0000e-004**	**1.2000e-004**	**2.3800e-003**	**1.0000e-005**	**1.3100e-003**	**0.0000**	**1.3200e-003**	**3.5000e-004**	**0.0000**	**3.5000e-004**	**0.0000**	**0.8089**	**0.8089**	**1.0000e-005**	**2.0000e-005**	**0.8142**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	-0.0042	-0.0151	0.0212	2.0000e-005		-0.0011	-0.0011		-0.0011	-0.0011	0.0000	2.3103	2.3103	7.0000e-005	0.0000	2.3120
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**-0.0042**	**-0.0151**	**0.0212**	**2.0000e-005**		**-0.0011**	**-0.0011**		**-0.0011**	**-0.0011**	**0.0000**	**2.3103**	**2.3103**	**7.0000e-005**	**0.0000**	**2.3120**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	1.2000e-004	2.3800e-003	1.0000e-005	1.3100e-003	0.0000	1.3200e-003	3.5000e-004	0.0000	3.5000e-004	0.0000	0.8089	0.8089	1.0000e-005	2.0000e-005	0.8142
Total	**2.0000e-004**	**1.2000e-004**	**2.3800e-003**	**1.0000e-005**	**1.3100e-003**	**0.0000**	**1.3200e-003**	**3.5000e-004**	**0.0000**	**3.5000e-004**	**0.0000**	**0.8089**	**0.8089**	**1.0000e-005**	**2.0000e-005**	**0.8142**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.0000e-004	1.9100e-003	5.1700e-003	1.0000e-005		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.7743	0.7743	3.0000e-005	0.0000	0.7752
Paving	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-004**	**1.9100e-003**	**5.1700e-003**	**1.0000e-005**		**6.0000e-005**	**6.0000e-005**		**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.7743**	**0.7743**	**3.0000e-005**	**0.0000**	**0.7752**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	3.0000e-005	5.8000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.1997	0.1997	0.0000	0.0000	0.2010
Total	**5.0000e-005**	**3.0000e-005**	**5.8000e-004**	**0.0000**	**3.3000e-004**	**0.0000**	**3.3000e-004**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**0.0000**	**0.1997**	**0.1997**	**0.0000**	**0.0000**	**0.2010**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	-0.0009	-0.0020	5.3200e-003	1.0000e-005		-0.0002	-0.0002		-0.0002	-0.0002	0.0000	0.5776	0.5776	1.0000e-005	0.0000	0.5779
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**-0.0009**	**-0.0020**	**5.3200e-003**	**1.0000e-005**		**-0.0002**	**-0.0002**		**-0.0002**	**-0.0002**	**0.0000**	**0.5776**	**0.5776**	**1.0000e-005**	**0.0000**	**0.5779**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	3.0000e-005	5.8000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.1997	0.1997	0.0000	0.0000	0.2010
Total	**5.0000e-005**	**3.0000e-005**	**5.8000e-004**	**0.0000**	**3.3000e-004**	**0.0000**	**3.3000e-004**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**0.0000**	**0.1997**	**0.1997**	**0.0000**	**0.0000**	**0.2010**

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3.8 Architectural Coating - Phase 3 - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.6237					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8900e-003	0.0185	0.0155	4.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004	0.0000	2.2971	2.2971	2.3000e-004	0.0000	2.3030
Total	**0.6266**	**0.0185**	**0.0155**	**4.0000e-005**		**7.2000e-004**	**7.2000e-004**		**7.2000e-004**	**7.2000e-004**	**0.0000**	**2.2971**	**2.2971**	**2.3000e-004**	**0.0000**	**2.3030**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.2500e-003	5.1800e-003	0.1013	3.8000e-004	0.0575	1.7000e-004	0.0577	0.0153	1.6000e-004	0.0154	0.0000	34.9548	34.9548	4.6000e-004	7.2000e-004	35.1805
Total	**8.2500e-003**	**5.1800e-003**	**0.1013**	**3.8000e-004**	**0.0575**	**1.7000e-004**	**0.0577**	**0.0153**	**1.6000e-004**	**0.0154**	**0.0000**	**34.9548**	**34.9548**	**4.6000e-004**	**7.2000e-004**	**35.1805**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - Phase 3 - 2036

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6237					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	-0.0136	-0.0863	-0.0723	-0.0001		-0.0034	-0.0034		-0.0034	-0.0034	0.0000	-9.2514	-9.2514	-0.0010	0.0000	-9.2756
Total	**0.6101**	**-0.0863**	**-0.0723**	**-0.0001**		**-0.0034**	**-0.0034**		**-0.0034**	**-0.0034**	**0.0000**	**-9.2514**	**-9.2514**	**-0.0010**	**0.0000**	**-9.2756**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.2500e-003	5.1800e-003	0.1013	3.8000e-004	0.0575	1.7000e-004	0.0577	0.0153	1.6000e-004	0.0154	0.0000	34.9548	34.9548	4.6000e-004	7.2000e-004	35.1805
Total	**8.2500e-003**	**5.1800e-003**	**0.1013**	**3.8000e-004**	**0.0575**	**1.7000e-004**	**0.0577**	**0.0153**	**1.6000e-004**	**0.0154**	**0.0000**	**34.9548**	**34.9548**	**4.6000e-004**	**7.2000e-004**	**35.1805**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - Phase 3 - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.8712					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.6800e-003	0.0554	0.0464	1.1000e-004		2.1500e-003	2.1500e-003		2.1500e-003	2.1500e-003	0.0000	6.8913	6.8913	7.0000e-004	0.0000	6.9089
Total	**1.8799**	**0.0554**	**0.0464**	**1.1000e-004**		**2.1500e-003**	**2.1500e-003**		**2.1500e-003**	**2.1500e-003**	**0.0000**	**6.8913**	**6.8913**	**7.0000e-004**	**0.0000**	**6.9089**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0247	0.0156	0.3038	1.1400e-003	0.1726	5.1000e-004	0.1731	0.0458	4.7000e-004	0.0463	0.0000	104.8644	104.8644	1.3900e-003	2.1600e-003	105.5416
Total	**0.0247**	**0.0156**	**0.3038**	**1.1400e-003**	**0.1726**	**5.1000e-004**	**0.1731**	**0.0458**	**4.7000e-004**	**0.0463**	**0.0000**	**104.8644**	**104.8644**	**1.3900e-003**	**2.1600e-003**	**105.5416**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - Phase 3 - 2037

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8712					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	-0.0409	-0.2589	-0.2168	-0.0004		-0.0101	-0.0101		-0.0101	-0.0101	0.0000	-27.7543	-27.7543	-0.0029	0.0000	-27.8267
Total	**1.8303**	**-0.2589**	**-0.2168**	**-0.0004**		**-0.0101**	**-0.0101**		**-0.0101**	**-0.0101**	**0.0000**	**-27.7543**	**-27.7543**	**-0.0029**	**0.0000**	**-27.8267**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0247	0.0156	0.3038	1.1400e-003	0.1726	5.1000e-004	0.1731	0.0458	4.7000e-004	0.0463	0.0000	104.8644	104.8644	1.3900e-003	2.1600e-003	105.5416
Total	**0.0247**	**0.0156**	**0.3038**	**1.1400e-003**	**0.1726**	**5.1000e-004**	**0.1731**	**0.0458**	**4.7000e-004**	**0.0463**	**0.0000**	**104.8644**	**104.8644**	**1.3900e-003**	**2.1600e-003**	**105.5416**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P3 SB - AC emiss. - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4201					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	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	**0.4201**	**0.0000**	**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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.2500e-003	5.1800e-003	0.1013	3.8000e-004	0.0575	1.7000e-004	0.0577	0.0153	1.6000e-004	0.0154	0.0000	34.9548	34.9548	4.6000e-004	7.2000e-004	35.1805
Total	**8.2500e-003**	**5.1800e-003**	**0.1013**	**3.8000e-004**	**0.0575**	**1.7000e-004**	**0.0577**	**0.0153**	**1.6000e-004**	**0.0154**	**0.0000**	**34.9548**	**34.9548**	**4.6000e-004**	**7.2000e-004**	**35.1805**

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3.9 Architectural Coating - P3 SB - AC emiss. - 2036

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4201					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	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	**0.4201**	**0.0000**	**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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.2500e-003	5.1800e-003	0.1013	3.8000e-004	0.0575	1.7000e-004	0.0577	0.0153	1.6000e-004	0.0154	0.0000	34.9548	34.9548	4.6000e-004	7.2000e-004	35.1805
Total	**8.2500e-003**	**5.1800e-003**	**0.1013**	**3.8000e-004**	**0.0575**	**1.7000e-004**	**0.0577**	**0.0153**	**1.6000e-004**	**0.0154**	**0.0000**	**34.9548**	**34.9548**	**4.6000e-004**	**7.2000e-004**	**35.1805**

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3.9 Architectural Coating - P3 SB - AC emiss. - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2602					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	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	**1.2602**	**0.0000**	**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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0247	0.0156	0.3038	1.1400e-003	0.1726	5.1000e-004	0.1731	0.0458	4.7000e-004	0.0463	0.0000	104.8644	104.8644	1.3900e-003	2.1600e-003	105.5416
Total	**0.0247**	**0.0156**	**0.3038**	**1.1400e-003**	**0.1726**	**5.1000e-004**	**0.1731**	**0.0458**	**4.7000e-004**	**0.0463**	**0.0000**	**104.8644**	**104.8644**	**1.3900e-003**	**2.1600e-003**	**105.5416**

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3.9 Architectural Coating - P3 SB - AC emiss. - 2037

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2602					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	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	**1.2602**	**0.0000**	**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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0247	0.0156	0.3038	1.1400e-003	0.1726	5.1000e-004	0.1731	0.0458	4.7000e-004	0.0463	0.0000	104.8644	104.8644	1.3900e-003	2.1600e-003	105.5416
Total	**0.0247**	**0.0156**	**0.3038**	**1.1400e-003**	**0.1726**	**5.1000e-004**	**0.1731**	**0.0458**	**4.7000e-004**	**0.0463**	**0.0000**	**104.8644**	**104.8644**	**1.3900e-003**	**2.1600e-003**	**105.5416**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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
Apartments Mid Rise	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Condo/Townhouse	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Strip Mall	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
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
City Park	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
Condo/Townhouse	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
Enclosed Parking with Elevator	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
General Office Building	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
Strip Mall	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	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
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	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
Enclosed Parking with Elevator	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
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
Strip Mall	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**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	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
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	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
Enclosed Parking with Elevator	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
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
Strip Mall	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**

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.8520	0.0737	6.3868	3.4000e-004		0.0356	0.0356		0.0356	0.0356	0.0000	10.4822	10.4822	0.0100	0.0000	10.7325
Unmitigated	2.8520	0.0737	6.3868	3.4000e-004		0.0356	0.0356		0.0356	0.0356	0.0000	10.4822	10.4822	0.0100	0.0000	10.7325

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	2.6603					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1917	0.0737	6.3868	3.4000e-004		0.0356	0.0356		0.0356	0.0356	0.0000	10.4822	10.4822	0.0100	0.0000	10.7325
Total	**2.8520**	**0.0737**	**6.3868**	**3.4000e-004**		**0.0356**	**0.0356**		**0.0356**	**0.0356**	**0.0000**	**10.4822**	**10.4822**	**0.0100**	**0.0000**	**10.7325**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	2.6603					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1917	0.0737	6.3868	3.4000e-004		0.0356	0.0356		0.0356	0.0356	0.0000	10.4822	10.4822	0.0100	0.0000	10.7325
Total	**2.8520**	**0.0737**	**6.3868**	**3.4000e-004**		**0.0356**	**0.0356**		**0.0356**	**0.0356**	**0.0000**	**10.4822**	**10.4822**	**0.0100**	**0.0000**	**10.7325**

7.0 Water Detail

7.1 Mitigation Measures Water

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	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

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	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

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

OSP - Phase 3 - Revised Construction

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	23.00	1000sqft	0.00	23,000.00	0
Enclosed Parking with Elevator	806.00	Space	0.00	322,210.00	0
City Park	1.60	Acre	1.60	69,696.00	0
Apartments Mid Rise	576.00	Dwelling Unit	5.54	576,000.00	1647
Condo/Townhouse	45.00	Dwelling Unit	0.00	45,000.00	129
Strip Mall	20.00	1000sqft	0.00	20,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2040
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - See Assumptions. Architectural coating fugitive emissions modeled separately for Scenario 3B.

Off-road Equipment - ss

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumption

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - See Assumptions

Off-road Equipment - see Assumptions

Off-road Equipment - see assumptions

Off-road Equipment - see Assumptions

Off-road Equipment - See Assumptions

Trips and VMT - See Assumptions

Demolition - see assumptions

Grading - see Assumptions

Architectural Coating - See Assumptions

Vehicle Trips - Operational modeled separately

Woodstoves - Operational modeled separately

Area Coating - Operational modeled separately

Landscape Equipment - Operational modeled separately

Energy Use - Operational modeled separately

Water And Wastewater - Operational modeled separately

Solid Waste - Operational modeled separately

Construction Off-road Equipment Mitigation - See Assumptions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	54,718.00	30,350.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	164,154.00	91,050.00
tblArchitecturalCoating	ConstArea_Parking	19,333.00	23,119.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	419,175.00	290,250.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,257,525.00	870,750.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	58.00
tblConstructionPhase	NumDays	10.00	29.00
tblConstructionPhase	NumDays	20.00	58.00
tblConstructionPhase	NumDays	230.00	672.00
tblConstructionPhase	NumDays	20.00	336.00
tblConstructionPhase	NumDays	20.00	336.00
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1.75	0.00
tblEnergyUse	LightingElect	3.77	0.00
tblEnergyUse	LightingElect	6.26	0.00
tblEnergyUse	NT24E	3,054.10	0.00
tblEnergyUse	NT24E	3,795.01	0.00
tblEnergyUse	NT24E	0.19	0.00
tblEnergyUse	NT24E	4.62	0.00
tblEnergyUse	NT24E	3.23	0.00
tblEnergyUse	NT24NG	4,831.00	0.00
tblEnergyUse	NT24NG	4,831.00	0.00
tblEnergyUse	NT24NG	0.39	0.00
tblEnergyUse	NT24NG	0.49	0.00
tblEnergyUse	T24E	35.05	0.00

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblEnergyUse	T24E	39.19	0.00
tblEnergyUse	T24E	3.50	0.00
tblEnergyUse	T24E	4.11	0.00
tblEnergyUse	T24E	3.58	0.00
tblEnergyUse	T24NG	4,179.80	0.00
tblEnergyUse	T24NG	12,162.60	0.00
tblEnergyUse	T24NG	9.92	0.00
tblEnergyUse	T24NG	1.14	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	NumberGas	489.60	0.00
tblFireplaces	NumberGas	38.25	0.00
tblFireplaces	NumberNoFireplace	57.60	0.00
tblFireplaces	NumberNoFireplace	4.50	0.00
tblFireplaces	NumberWood	28.80	0.00
tblFireplaces	NumberWood	2.25	0.00
tblGrading	MaterialExported	0.00	132,721.00
tblLandUse	LandUseSquareFeet	322,400.00	322,210.00
tblLandUse	LotAcreage	0.53	0.00
tblLandUse	LotAcreage	7.25	0.00
tblLandUse	LotAcreage	15.16	5.54
tblLandUse	LotAcreage	2.81	0.00
tblLandUse	LotAcreage	0.46	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	7.00	2.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblSolidWaste	SolidWasteGenerationRate	264.96	0.00
tblSolidWaste	SolidWasteGenerationRate	0.14	0.00
tblSolidWaste	SolidWasteGenerationRate	20.70	0.00
tblSolidWaste	SolidWasteGenerationRate	21.39	0.00
tblSolidWaste	SolidWasteGenerationRate	21.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	46.40
tblTripsAndVMT	HaulingTripLength	20.00	46.40
tblTripsAndVMT	HaulingTripNumber	13,123.00	8,295.00
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	8.14	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	6.28	0.00
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	7.32	0.00
tblVehicleTrips	WD_TR	9.74	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	37,528,718.76	0.00
tblWater	IndoorWaterUseRate	2,931,931.15	0.00
tblWater	IndoorWaterUseRate	4,087,876.20	0.00
tblWater	IndoorWaterUseRate	1,481,450.43	0.00
tblWater	OutdoorWaterUseRate	23,659,409.65	0.00
tblWater	OutdoorWaterUseRate	1,906,370.16	0.00
tblWater	OutdoorWaterUseRate	1,848,391.38	0.00
tblWater	OutdoorWaterUseRate	2,505,472.51	0.00
tblWater	OutdoorWaterUseRate	907,985.75	0.00
tblWoodstoves	NumberCatalytic	28.80	0.00
tblWoodstoves	NumberCatalytic	2.25	0.00
tblWoodstoves	NumberNoncatalytic	28.80	0.00
tblWoodstoves	NumberNoncatalytic	2.25	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00

2.0 Emissions Summary

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
2034	3.7907	50.6000	38.6723	0.2273	8.4403	0.7079	9.1482	2.1518	0.6968	2.6536	0.0000	24,677.5447	24,677.5447	1.5649	2.6970	25,520.3832
2035	1.6634	8.2551	21.6454	0.0816	8.0377	0.1051	8.1428	2.1518	0.1024	2.2541	0.0000	8,314.0485	8,314.0485	0.2072	0.4149	8,442.8726
2036	26.7519	7.9463	24.2191	0.0957	10.6645	0.0984	10.7629	2.8484	0.0950	2.9434	0.0000	9,741.0025	9,741.0025	0.2178	0.4477	9,879.8720
2037	26.7519	7.9463	24.2191	0.0957	10.6645	0.0984	10.7629	2.8484	0.0950	2.9434	0.0000	9,741.0025	9,741.0025	0.2178	0.4477	9,879.8720
Maximum	**26.7519**	**50.6000**	**38.6723**	**0.2273**	**10.6645**	**0.7079**	**10.7629**	**2.8484**	**0.6968**	**2.9434**	**0.0000**	**24,677.5447**	**24,677.5447**	**1.5649**	**2.6970**	**25,520.3832**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2034	1.3389	41.2864	46.0329	0.2243	8.0377	0.3555	8.1011	2.1518	0.3445	2.2123	0.0000	24,423.1089	24,423.1089	1.5520	2.6970	25,265.6250
2035	1.2682	6.7128	21.9348	0.0812	8.0377	0.0620	8.0997	2.1518	0.0592	2.2110	0.0000	8,280.4712	8,280.4712	0.2037	0.4149	8,409.2082
2036	26.4369	6.4120	24.0836	0.0948	10.6645	0.0638	10.7283	2.8484	0.0605	2.9089	0.0000	9,677.8571	9,677.8571	0.2113	0.4477	9,816.5627
2037	26.4369	6.4120	24.0836	0.0948	10.6645	0.0638	10.7283	2.8484	0.0605	2.9089	0.0000	9,677.8571	9,677.8571	0.2113	0.4477	9,816.5627
Maximum	**26.4369**	**41.2864**	**46.0329**	**0.2243**	**10.6645**	**0.3555**	**10.7283**	**2.8484**	**0.3445**	**2.9089**	**0.0000**	**24,423.1089**	**24,423.1089**	**1.5520**	**2.6970**	**25,265.6250**

	ROG	NOx	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	**5.90**	**18.63**	**-6.79**	**1.04**	**1.06**	**46.01**	**2.99**	**0.00**	**46.96**	**5.13**	**0.00**	**0.79**	**0.79**	**1.34**	**0.00**	**0.77**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	16.1104	0.5895	51.0945	2.7100e-003		0.2844	0.2844		0.2844	0.2844	0.0000	92.4371	92.4371	0.0883	0.0000	94.6443
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	0.0000
Total	**16.1104**	**0.5895**	**51.0945**	**2.7100e-003**	**0.0000**	**0.2844**	**0.2844**	**0.0000**	**0.2844**	**0.2844**	**0.0000**	**92.4371**	**92.4371**	**0.0883**	**0.0000**	**94.6443**

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	16.1104	0.5895	51.0945	2.7100e-003		0.2844	0.2844		0.2844	0.2844	0.0000	92.4371	92.4371	0.0883	0.0000	94.6443
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	0.0000
Total	**16.1104**	**0.5895**	**51.0945**	**2.7100e-003**	**0.0000**	**0.2844**	**0.2844**	**0.0000**	**0.2844**	**0.2844**	**0.0000**	**92.4371**	**92.4371**	**0.0883**	**0.0000**	**94.6443**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	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	3/1/2034	5/19/2034	5	58	
2	Site Prep	Site Preparation	5/20/2034	6/29/2034	5	29	
3	Grading	Grading	6/30/2034	9/19/2034	5	58	
4	Utilities Trenching	Trenching	9/19/2034	12/7/2034	5	58	
5	Building Construction	Building Construction	12/8/2034	7/6/2037	5	672	
6	Paving	Paving	12/8/2034	1/4/2035	5	20	
7	Architectural Coating - Phase 3	Architectural Coating	9/5/2036	12/18/2037	5	336	
8	Architectural Coating - P3 SB - AC emiss.	Architectural Coating	9/5/2036	12/18/2037	5	336	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 116

Acres of Paving: 0

Residential Indoor: 1,257,525; Residential Outdoor: 419,175; Non-Residential Indoor: 164,154; Non-Residential Outdoor: 54,718; Striped Parking Area: 19,333 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	2.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Generator Sets	1	2.00	84	0.74

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Sweepers/Scrubbers	1	2.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Prep	Rubber Tired Dozers	0	8.00	247	0.40
Site Prep	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site Prep	Trenchers	1	2.00	78	0.50
Grading	Air Compressors	0	8.00	78	0.48
Grading	Excavators	1	8.00	158	0.38
Grading	Generator Sets	0	8.00	84	0.74
Grading	Graders	0	8.00	187	0.41
Grading	Plate Compactors	1	8.00	8	0.43
Grading	Pumps	0	8.00	84	0.74
Grading	Rough Terrain Forklifts	0	8.00	100	0.40
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Sweepers/Scrubbers	1	8.00	64	0.46
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Welders	1	2.00	46	0.45
Utilities Trenching	Air Compressors	1	2.00	78	0.48
Utilities Trenching	Concrete/Industrial Saws	1	2.00	81	0.73
Utilities Trenching	Excavators	1	8.00	158	0.38
Utilities Trenching	Generator Sets	1	2.00	84	0.74
Utilities Trenching	Paving Equipment	1	2.00	132	0.36
Utilities Trenching	Rollers	1	2.00	80	0.38
Utilities Trenching	Rubber Tired Loaders	1	8.00	203	0.36
Utilities Trenching	Signal Boards	1	2.00	6	0.82
Utilities Trenching	Surfacing Equipment	1	2.00	263	0.30
Utilities Trenching	Sweepers/Scrubbers	1	2.00	64	0.46

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Utilities Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Air Compressors	1	2.00	78	0.48
Building Construction	Cement and Mortar Mixers	1	2.00	9	0.56
Building Construction	Cranes	1	2.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Rough Terrain Forklifts	1	8.00	100	0.40
Building Construction	Sweepers/Scrubbers	1	2.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Generator Sets	0	8.00	84	0.74
Paving	Pavers	1	2.00	130	0.42
Paving	Paving Equipment	1	2.00	132	0.36
Paving	Plate Compactors	1	2.00	8	0.43
Paving	Rollers	1	2.00	80	0.38
Paving	Signal Boards	1	2.00	6	0.82
Paving	Sweepers/Scrubbers	1	2.00	64	0.46
Architectural Coating - Phase 3	Air Compressors	0	0.00	78	0.48
Architectural Coating - Phase 3	Cement and Mortar Mixers	1	8.00	9	0.56
Architectural Coating - Phase 3	Pressure Washers	1	2.00	13	0.30
Architectural Coating - P3 SB - AC emiss.	Air Compressors	0	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	0.00	847.00	14.70	6.90	46.40	LD_Mix	HDT_Mix	HHDT
Site Prep	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	7	18.00	0.00	8,295.00	14.70	6.90	46.40	LD_Mix	HDT_Mix	HHDT

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Utilities Trenching	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	625.00	138.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Phase 3	2	125.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - P3 SB - AC emiss	0	125.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Demolition - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.1619	0.0000	3.1619	0.4787	0.0000	0.4787			0.0000			0.0000
Off-Road	0.8087	3.5173	9.6689	0.0219		0.0934	0.0934		0.0934	0.0934		2,071.6952	2,071.6952	0.0708		2,073.4661
Total	**0.8087**	**3.5173**	**9.6689**	**0.0219**	**3.1619**	**0.0934**	**3.2553**	**0.4787**	**0.0934**	**0.5721**		**2,071.6952**	**2,071.6952**	**0.0708**		**2,073.4661**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0475	3.7112	1.0242	0.0155	0.5928	0.0258	0.6186	0.1625	0.0247	0.1872		1,723.3098	1,723.3098	0.1300	0.2747	1,808.4270
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0246	0.0137	0.3140	1.1500e-003	0.1677	5.1000e-004	0.1682	0.0445	4.7000e-004	0.0449		115.9025	115.9025	1.5100e-003	2.1300e-003	116.5751
Total	**0.0721**	**3.7249**	**1.3382**	**0.0166**	**0.7604**	**0.0263**	**0.7867**	**0.2070**	**0.0252**	**0.2321**		**1,839.2124**	**1,839.2124**	**0.1315**	**0.2769**	**1,925.0022**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.4229	0.0000	1.4229	0.2154	0.0000	0.2154			0.0000			0.0000
Off-Road	0.2101	1.1985	10.5406	0.0202		0.0270	0.0270		0.0270	0.0270	0.0000	1,915.9365	1,915.9365	0.0665		1,917.5978
Total	**0.2101**	**1.1985**	**10.5406**	**0.0202**	**1.4229**	**0.0270**	**1.4498**	**0.2154**	**0.0270**	**0.2424**	**0.0000**	**1,915.9365**	**1,915.9365**	**0.0665**		**1,917.5978**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0475	3.7112	1.0242	0.0155	0.5928	0.0258	0.6186	0.1625	0.0247	0.1872		1,723.3098	1,723.3098	0.1300	0.2747	1,808.4270
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0246	0.0137	0.3140	1.1500e-003	0.1677	5.1000e-004	0.1682	0.0445	4.7000e-004	0.0449		115.9025	115.9025	1.5100e-003	2.1300e-003	116.5751
Total	**0.0721**	**3.7249**	**1.3382**	**0.0166**	**0.7604**	**0.0263**	**0.7867**	**0.2070**	**0.0252**	**0.2321**		**1,839.2124**	**1,839.2124**	**0.1315**	**0.2769**	**1,925.0022**

3.3 Site Prep - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0703	0.4401	0.6437	1.0300e-003		0.0227	0.0227		0.0227	0.0227		97.7250	97.7250	6.1900e-003		97.8798
Total	**0.0703**	**0.4401**	**0.6437**	**1.0300e-003**	**0.0000**	**0.0227**	**0.0227**	**0.0000**	**0.0227**	**0.0227**		**97.7250**	**97.7250**	**6.1900e-003**		**97.8798**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Prep - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9300e-003	2.7500e-003	0.0628	2.3000e-004	0.0335	1.0000e-004	0.0336	8.8900e-003	9.0000e-005	8.9900e-003		23.1805	23.1805	3.0000e-004	4.3000e-004	23.3150
Total	**4.9300e-003**	**2.7500e-003**	**0.0628**	**2.3000e-004**	**0.0335**	**1.0000e-004**	**0.0336**	**8.8900e-003**	**9.0000e-005**	**8.9900e-003**		**23.1805**	**23.1805**	**3.0000e-004**	**4.3000e-004**	**23.3150**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0103	0.0447	0.6363	1.0300e-003		1.3800e-003	1.3800e-003		1.3800e-003	1.3800e-003	0.0000	97.7250	97.7250	6.1900e-003		97.8798
Total	**0.0103**	**0.0447**	**0.6363**	**1.0300e-003**	**0.0000**	**1.3800e-003**	**1.3800e-003**	**0.0000**	**1.3800e-003**	**1.3800e-003**	**0.0000**	**97.7250**	**97.7250**	**6.1900e-003**		**97.8798**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Prep - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9300e-003	2.7500e-003	0.0628	2.3000e-004	0.0335	1.0000e-004	0.0336	8.8900e-003	9.0000e-005	8.9900e-003		23.1805	23.1805	3.0000e-004	4.3000e-004	23.3150
Total	**4.9300e-003**	**2.7500e-003**	**0.0628**	**2.3000e-004**	**0.0335**	**1.0000e-004**	**0.0336**	**8.8900e-003**	**9.0000e-005**	**8.9900e-003**		**23.1805**	**23.1805**	**3.0000e-004**	**4.3000e-004**	**23.3150**

3.4 Grading - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1210	0.0000	2.1210	0.2290	0.0000	0.2290			0.0000			0.0000
Off-Road	2.2237	9.5167	15.7961	0.0455		0.3177	0.3177		0.3177	0.3177		4,874.2733	4,874.2733	0.1974		4,879.2083
Total	**2.2237**	**9.5167**	**15.7961**	**0.0455**	**2.1210**	**0.3177**	**2.4387**	**0.2290**	**0.3177**	**0.5467**		**4,874.2733**	**4,874.2733**	**0.1974**		**4,879.2083**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4652	36.3448	10.0303	0.1515	5.8051	0.2527	6.0578	1.5913	0.2418	1.8332		16,877.0427	16,877.0427	1.2727	2.6905	17,710.6285
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0296	0.0165	0.3768	1.3800e-003	0.2012	6.2000e-004	0.2018	0.0534	5.7000e-004	0.0539		139.0830	139.0830	1.8100e-003	2.5600e-003	139.8901
Total	**0.4948**	**36.3613**	**10.4071**	**0.1528**	**6.0063**	**0.2534**	**6.2597**	**1.6447**	**0.2424**	**1.8871**		**17,016.1257**	**17,016.1257**	**1.2745**	**2.6931**	**17,850.5186**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9545	0.0000	0.9545	0.1031	0.0000	0.1031			0.0000			0.0000
Off-Road	0.5367	3.4782	21.8517	0.0443		0.0674	0.0674		0.0674	0.0674	0.0000	4,787.9244	4,787.9244	0.1902		4,792.6788
Total	**0.5367**	**3.4782**	**21.8517**	**0.0443**	**0.9545**	**0.0674**	**1.0219**	**0.1031**	**0.0674**	**0.1705**	**0.0000**	**4,787.9244**	**4,787.9244**	**0.1902**		**4,792.6788**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4652	36.3448	10.0303	0.1515	5.8051	0.2527	6.0578	1.5913	0.2418	1.8332		16,877.0427	16,877.0427	1.2727	2.6905	17,710.6285
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0296	0.0165	0.3768	1.3800e-003	0.2012	6.2000e-004	0.2018	0.0534	5.7000e-004	0.0539		139.0830	139.0830	1.8100e-003	2.5600e-003	139.8901
Total	**0.4948**	**36.3613**	**10.4071**	**0.1528**	**6.0063**	**0.2534**	**6.2597**	**1.6447**	**0.2424**	**1.8871**		**17,016.1257**	**17,016.1257**	**1.2745**	**2.6931**	**17,850.5186**

3.5 Utilities Trenching - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0262	4.6963	11.8830	0.0268		0.1359	0.1359		0.1359	0.1359		2,570.7944	2,570.7944	0.0902		2,573.0493
Total	**1.0262**	**4.6963**	**11.8830**	**0.0268**		**0.1359**	**0.1359**		**0.1359**	**0.1359**		**2,570.7944**	**2,570.7944**	**0.0902**		**2,573.0493**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Utilities Trenching - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0460	0.0257	0.5861	2.1400e-003	0.3130	9.6000e-004	0.3139	0.0830	8.8000e-004	0.0839		216.3514	216.3514	2.8200e-003	3.9800e-003	217.6069
Total	**0.0460**	**0.0257**	**0.5861**	**2.1400e-003**	**0.3130**	**9.6000e-004**	**0.3139**	**0.0830**	**8.8000e-004**	**0.0839**		**216.3514**	**216.3514**	**2.8200e-003**	**3.9800e-003**	**217.6069**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2615	1.4212	13.1880	0.0250		0.0338	0.0338		0.0338	0.0338	0.0000	2,402.7074	2,402.7074	0.0845		2,404.8207
Total	**0.2615**	**1.4212**	**13.1880**	**0.0250**		**0.0338**	**0.0338**		**0.0338**	**0.0338**	**0.0000**	**2,402.7074**	**2,402.7074**	**0.0845**		**2,404.8207**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Utilities Trenching - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0460	0.0257	0.5861	2.1400e-003	0.3130	9.6000e-004	0.3139	0.0830	8.8000e-004	0.0839		216.3514	216.3514	2.8200e-003	3.9800e-003	217.6069
Total	**0.0460**	**0.0257**	**0.5861**	**2.1400e-003**	**0.3130**	**9.6000e-004**	**0.3139**	**0.0830**	**8.8000e-004**	**0.0839**		**216.3514**	**216.3514**	**2.8200e-003**	**3.9800e-003**	**217.6069**

3.6 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3551	1.9809	4.1237	7.9500e-003		0.0444	0.0444		0.0444	0.0444		748.9996	748.9996	0.0316		749.7906
Total	**0.3551**	**1.9809**	**4.1237**	**7.9500e-003**		**0.0444**	**0.0444**		**0.0444**	**0.0444**		**748.9996**	**748.9996**	**0.0316**		**749.7906**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1323	5.0032	1.8898	0.0211	0.8840	0.0253	0.9094	0.2546	0.0242	0.2788		2,283.0799	2,283.0799	0.0990	0.3297	2,383.8045
Worker	1.0264	0.5727	13.0821	0.0478	6.9860	0.0214	7.0075	1.8527	0.0197	1.8725		4,829.2717	4,829.2717	0.0630	0.0888	4,857.2967
Total	**1.1587**	**5.5759**	**14.9719**	**0.0688**	**7.8701**	**0.0468**	**7.9168**	**2.1073**	**0.0440**	**2.1512**		**7,112.3516**	**7,112.3516**	**0.1620**	**0.4185**	**7,241.1012**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0855	0.6588	4.3512	7.7700e-003		0.0104	0.0104		0.0104	0.0104	0.0000	736.3705	736.3705	0.0303		737.1287
Total	**0.0855**	**0.6588**	**4.3512**	**7.7700e-003**		**0.0104**	**0.0104**		**0.0104**	**0.0104**	**0.0000**	**736.3705**	**736.3705**	**0.0303**		**737.1287**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1323	5.0032	1.8898	0.0211	0.8840	0.0253	0.9094	0.2546	0.0242	0.2788		2,283.0799	2,283.0799	0.0990	0.3297	2,383.8045
Worker	1.0264	0.5727	13.0821	0.0478	6.9860	0.0214	7.0075	1.8527	0.0197	1.8725		4,829.2717	4,829.2717	0.0630	0.0888	4,857.2967
Total	**1.1587**	**5.5759**	**14.9719**	**0.0688**	**7.8701**	**0.0468**	**7.9168**	**2.1073**	**0.0440**	**2.1512**		**7,112.3516**	**7,112.3516**	**0.1620**	**0.4185**	**7,241.1012**

3.6 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3316	1.7537	4.1186	7.9500e-003		0.0278	0.0278		0.0278	0.0278		748.9996	748.9996	0.0292		749.7290
Total	**0.3316**	**1.7537**	**4.1186**	**7.9500e-003**		**0.0278**	**0.0278**		**0.0278**	**0.0278**		**748.9996**	**748.9996**	**0.0292**		**749.7290**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1319	4.9830	1.8933	0.0208	0.8840	0.0252	0.9092	0.2546	0.0241	0.2787		2,253.9827	2,253.9827	0.0995	0.3255	2,353.4812
Worker	0.9767	0.5501	12.7422	0.0472	6.9860	0.0202	7.0062	1.8527	0.0186	1.8713		4,769.8082	4,769.8082	0.0593	0.0873	4,797.2993
Total	**1.1086**	**5.5331**	**14.6355**	**0.0680**	**7.8701**	**0.0454**	**7.9155**	**2.1073**	**0.0427**	**2.1500**		**7,023.7908**	**7,023.7908**	**0.1588**	**0.4128**	**7,150.7805**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0855	0.6588	4.3512	7.7700e-003		0.0104	0.0104		0.0104	0.0104	0.0000	736.3705	736.3705	0.0279		737.0672
Total	**0.0855**	**0.6588**	**4.3512**	**7.7700e-003**		**0.0104**	**0.0104**		**0.0104**	**0.0104**	**0.0000**	**736.3705**	**736.3705**	**0.0279**		**737.0672**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1319	4.9830	1.8933	0.0208	0.8840	0.0252	0.9092	0.2546	0.0241	0.2787		2,253.9827	2,253.9827	0.0995	0.3255	2,353.4812
Worker	0.9767	0.5501	12.7422	0.0472	6.9860	0.0202	7.0062	1.8527	0.0186	1.8713		4,769.8082	4,769.8082	0.0593	0.0873	4,797.2993
Total	**1.1086**	**5.5331**	**14.6355**	**0.0680**	**7.8701**	**0.0454**	**7.9155**	**2.1073**	**0.0427**	**2.1500**		**7,023.7908**	**7,023.7908**	**0.1588**	**0.4128**	**7,150.7805**

3.6 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3316	1.7537	4.1186	7.9500e-003		0.0278	0.0278		0.0278	0.0278		748.9996	748.9996	0.0292		749.7290
Total	**0.3316**	**1.7537**	**4.1186**	**7.9500e-003**		**0.0278**	**0.0278**		**0.0278**	**0.0278**		**748.9996**	**748.9996**	**0.0292**		**749.7290**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1319	4.9830	1.8933	0.0208	0.8840	0.0252	0.9092	0.2546	0.0241	0.2787		2,253.9827	2,253.9827	0.0995	0.3255	2,353.4812
Worker	0.9767	0.5501	12.7422	0.0472	6.9860	0.0202	7.0062	1.8527	0.0186	1.8713		4,769.8082	4,769.8082	0.0593	0.0873	4,797.2993
Total	**1.1086**	**5.5331**	**14.6355**	**0.0680**	**7.8701**	**0.0454**	**7.9155**	**2.1073**	**0.0427**	**2.1500**		**7,023.7908**	**7,023.7908**	**0.1588**	**0.4128**	**7,150.7805**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0855	0.6588	4.3512	7.7700e-003		0.0104	0.0104		0.0104	0.0104	0.0000	736.3705	736.3705	0.0279		737.0672
Total	**0.0855**	**0.6588**	**4.3512**	**7.7700e-003**		**0.0104**	**0.0104**		**0.0104**	**0.0104**	**0.0000**	**736.3705**	**736.3705**	**0.0279**		**737.0672**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1319	4.9830	1.8933	0.0208	0.8840	0.0252	0.9092	0.2546	0.0241	0.2787		2,253.9827	2,253.9827	0.0995	0.3255	2,353.4812
Worker	0.9767	0.5501	12.7422	0.0472	6.9860	0.0202	7.0062	1.8527	0.0186	1.8713		4,769.8082	4,769.8082	0.0593	0.0873	4,797.2993
Total	**1.1086**	**5.5331**	**14.6355**	**0.0680**	**7.8701**	**0.0454**	**7.9155**	**2.1073**	**0.0427**	**2.1500**		**7,023.7908**	**7,023.7908**	**0.1588**	**0.4128**	**7,150.7805**

3.6 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3316	1.7537	4.1186	7.9500e-003		0.0278	0.0278		0.0278	0.0278		748.9996	748.9996	0.0292		749.7290
Total	**0.3316**	**1.7537**	**4.1186**	**7.9500e-003**		**0.0278**	**0.0278**		**0.0278**	**0.0278**		**748.9996**	**748.9996**	**0.0292**		**749.7290**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1319	4.9830	1.8933	0.0208	0.8840	0.0252	0.9092	0.2546	0.0241	0.2787		2,253.9827	2,253.9827	0.0995	0.3255	2,353.4812
Worker	0.9767	0.5501	12.7422	0.0472	6.9860	0.0202	7.0062	1.8527	0.0186	1.8713		4,769.8082	4,769.8082	0.0593	0.0873	4,797.2993
Total	**1.1086**	**5.5331**	**14.6355**	**0.0680**	**7.8701**	**0.0454**	**7.9155**	**2.1073**	**0.0427**	**2.1500**		**7,023.7908**	**7,023.7908**	**0.1588**	**0.4128**	**7,150.7805**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0855	0.6588	4.3512	7.7700e-003		0.0104	0.0104		0.0104	0.0104	0.0000	736.3705	736.3705	0.0279		737.0672
Total	**0.0855**	**0.6588**	**4.3512**	**7.7700e-003**		**0.0104**	**0.0104**		**0.0104**	**0.0104**	**0.0000**	**736.3705**	**736.3705**	**0.0279**		**737.0672**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1319	4.9830	1.8933	0.0208	0.8840	0.0252	0.9092	0.2546	0.0241	0.2787		2,253.9827	2,253.9827	0.0995	0.3255	2,353.4812
Worker	0.9767	0.5501	12.7422	0.0472	6.9860	0.0202	7.0062	1.8527	0.0186	1.8713		4,769.8082	4,769.8082	0.0593	0.0873	4,797.2993
Total	**1.1086**	**5.5331**	**14.6355**	**0.0680**	**7.8701**	**0.0454**	**7.9155**	**2.1073**	**0.0427**	**2.1500**		**7,023.7908**	**7,023.7908**	**0.1588**	**0.4128**	**7,150.7805**

3.7 Paving - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2313	1.2464	2.5898	4.5800e-003		0.0503	0.0503		0.0503	0.0503		426.7827	426.7827	0.0207		427.3009
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2313**	**1.2464**	**2.5898**	**4.5800e-003**		**0.0503**	**0.0503**		**0.0503**	**0.0503**		**426.7827**	**426.7827**	**0.0207**		**427.3009**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0246	0.0137	0.3140	1.1500e-003	0.1677	5.1000e-004	0.1682	0.0445	4.7000e-004	0.0449		115.9025	115.9025	1.5100e-003	2.1300e-003	116.5751
Total	**0.0246**	**0.0137**	**0.3140**	**1.1500e-003**	**0.1677**	**5.1000e-004**	**0.1682**	**0.0445**	**4.7000e-004**	**0.0449**		**115.9025**	**115.9025**	**1.5100e-003**	**2.1300e-003**	**116.5751**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0506	0.5076	2.6423	4.2800e-003		5.7100e-003	5.7100e-003		5.7100e-003	5.7100e-003	0.0000	405.8345	405.8345	0.0186		406.2983
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.0506**	**0.5076**	**2.6423**	**4.2800e-003**		**5.7100e-003**	**5.7100e-003**		**5.7100e-003**	**5.7100e-003**	**0.0000**	**405.8345**	**405.8345**	**0.0186**		**406.2983**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0246	0.0137	0.3140	1.1500e-003	0.1677	5.1000e-004	0.1682	0.0445	4.7000e-004	0.0449		115.9025	115.9025	1.5100e-003	2.1300e-003	116.5751
Total	**0.0246**	**0.0137**	**0.3140**	**1.1500e-003**	**0.1677**	**5.1000e-004**	**0.1682**	**0.0445**	**4.7000e-004**	**0.0449**		**115.9025**	**115.9025**	**1.5100e-003**	**2.1300e-003**	**116.5751**

3.7 Paving - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1998	0.9551	2.5855	4.5800e-003		0.0314	0.0314		0.0314	0.0314		426.7827	426.7827	0.0178		427.2279
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1998**	**0.9551**	**2.5855**	**4.5800e-003**		**0.0314**	**0.0314**		**0.0314**	**0.0314**		**426.7827**	**426.7827**	**0.0178**		**427.2279**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0234	0.0132	0.3058	1.1300e-003	0.1677	4.8000e-004	0.1682	0.0445	4.5000e-004	0.0449		114.4754	114.4754	1.4200e-003	2.0900e-003	115.1352
Total	**0.0234**	**0.0132**	**0.3058**	**1.1300e-003**	**0.1677**	**4.8000e-004**	**0.1682**	**0.0445**	**4.5000e-004**	**0.0449**		**114.4754**	**114.4754**	**1.4200e-003**	**2.0900e-003**	**115.1352**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0506	0.5076	2.6423	4.2800e-003		5.7100e-003	5.7100e-003		5.7100e-003	5.7100e-003	0.0000	405.8345	405.8345	0.0156		406.2253
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.0506**	**0.5076**	**2.6423**	**4.2800e-003**		**5.7100e-003**	**5.7100e-003**		**5.7100e-003**	**5.7100e-003**	**0.0000**	**405.8345**	**405.8345**	**0.0156**		**406.2253**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0234	0.0132	0.3058	1.1300e-003	0.1677	4.8000e-004	0.1682	0.0445	4.5000e-004	0.0449		114.4754	114.4754	1.4200e-003	2.0900e-003	115.1352
Total	**0.0234**	**0.0132**	**0.3058**	**1.1300e-003**	**0.1677**	**4.8000e-004**	**0.1682**	**0.0445**	**4.5000e-004**	**0.0449**		**114.4754**	**114.4754**	**1.4200e-003**	**2.0900e-003**	**115.1352**

3.8 Architectural Coating - Phase 3 - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	14.8507					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0689	0.4394	0.3680	8.5000e-004		0.0171	0.0171		0.0171	0.0171		60.2888	60.2888	6.1600e-003		60.4427
Total	**14.9196**	**0.4394**	**0.3680**	**8.5000e-004**		**0.0171**	**0.0171**		**0.0171**	**0.0171**		**60.2888**	**60.2888**	**6.1600e-003**		**60.4427**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - Phase 3 - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1953	0.1100	2.5485	9.4400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743		953.9616	953.9616	0.0119	0.0175	959.4599
Total	**0.1953**	**0.1100**	**2.5485**	**9.4400e-003**	**1.3972**	**4.0400e-003**	**1.4013**	**0.3706**	**3.7200e-003**	**0.3743**		**953.9616**	**953.9616**	**0.0119**	**0.0175**	**959.4599**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	14.8507					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	1.4000e-004		0.0000	0.0000		0.0000	0.0000	0.0000	9.7725	9.7725	9.1000e-004		9.7953
Total	**14.8507**	**0.0000**	**0.0000**	**1.4000e-004**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**9.7725**	**9.7725**	**9.1000e-004**		**9.7953**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - Phase 3 - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1953	0.1100	2.5485	9.4400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743		953.9616	953.9616	0.0119	0.0175	959.4599
Total	**0.1953**	**0.1100**	**2.5485**	**9.4400e-003**	**1.3972**	**4.0400e-003**	**1.4013**	**0.3706**	**3.7200e-003**	**0.3743**		**953.9616**	**953.9616**	**0.0119**	**0.0175**	**959.4599**

3.8 Architectural Coating - Phase 3 - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	14.8507					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0689	0.4394	0.3680	8.5000e-004		0.0171	0.0171		0.0171	0.0171		60.2888	60.2888	6.1600e-003		60.4427
Total	**14.9196**	**0.4394**	**0.3680**	**8.5000e-004**		**0.0171**	**0.0171**		**0.0171**	**0.0171**		**60.2888**	**60.2888**	**6.1600e-003**		**60.4427**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - Phase 3 - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1953	0.1100	2.5485	9.4400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743		953.9616	953.9616	0.0119	0.0175	959.4599
Total	**0.1953**	**0.1100**	**2.5485**	**9.4400e-003**	**1.3972**	**4.0400e-003**	**1.4013**	**0.3706**	**3.7200e-003**	**0.3743**		**953.9616**	**953.9616**	**0.0119**	**0.0175**	**959.4599**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	14.8507					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	1.4000e-004		0.0000	0.0000		0.0000	0.0000	0.0000	9.7725	9.7725	9.1000e-004		9.7953
Total	**14.8507**	**0.0000**	**0.0000**	**1.4000e-004**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**9.7725**	**9.7725**	**9.1000e-004**		**9.7953**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - Phase 3 - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1953	0.1100	2.5485	9.4400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743		953.9616	953.9616	0.0119	0.0175	959.4599
Total	**0.1953**	**0.1100**	**2.5485**	**9.4400e-003**	**1.3972**	**4.0400e-003**	**1.4013**	**0.3706**	**3.7200e-003**	**0.3743**		**953.9616**	**953.9616**	**0.0119**	**0.0175**	**959.4599**

3.9 Architectural Coating - P3 SB - AC emiss. - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0014					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	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	**10.0014**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P3 SB - AC emiss. - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1953	0.1100	2.5485	9.4400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743		953.9616	953.9616	0.0119	0.0175	959.4599
Total	**0.1953**	**0.1100**	**2.5485**	**9.4400e-003**	**1.3972**	**4.0400e-003**	**1.4013**	**0.3706**	**3.7200e-003**	**0.3743**		**953.9616**	**953.9616**	**0.0119**	**0.0175**	**959.4599**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.0014					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	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	**10.0014**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P3 SB - AC emiss. - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1953	0.1100	2.5485	9.4400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743		953.9616	953.9616	0.0119	0.0175	959.4599
Total	**0.1953**	**0.1100**	**2.5485**	**9.4400e-003**	**1.3972**	**4.0400e-003**	**1.4013**	**0.3706**	**3.7200e-003**	**0.3743**		**953.9616**	**953.9616**	**0.0119**	**0.0175**	**959.4599**

3.9 Architectural Coating - P3 SB - AC emiss. - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0014					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	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	**10.0014**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P3 SB - AC emiss. - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1953	0.1100	2.5485	9.4400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743		953.9616	953.9616	0.0119	0.0175	959.4599
Total	**0.1953**	**0.1100**	**2.5485**	**9.4400e-003**	**1.3972**	**4.0400e-003**	**1.4013**	**0.3706**	**3.7200e-003**	**0.3743**		**953.9616**	**953.9616**	**0.0119**	**0.0175**	**959.4599**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.0014					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	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	**10.0014**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P3 SB - AC emiss. - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1953	0.1100	2.5485	9.4400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743		953.9616	953.9616	0.0119	0.0175	959.4599
Total	**0.1953**	**0.1100**	**2.5485**	**9.4400e-003**	**1.3972**	**4.0400e-003**	**1.4013**	**0.3706**	**3.7200e-003**	**0.3743**		**953.9616**	**953.9616**	**0.0119**	**0.0175**	**959.4599**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Condo/Townhouse	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Strip Mall	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
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
City Park	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
Condo/Townhouse	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
Enclosed Parking with Elevator	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
General Office Building	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
Strip Mall	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457

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

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	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
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	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
Enclosed Parking with Elevator	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
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
Strip Mall	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**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	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
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	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
Enclosed Parking with Elevator	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
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
Strip Mall	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

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	16.1104	0.5895	51.0945	2.7100e-003		0.2844	0.2844		0.2844	0.2844	0.0000	92.4371	92.4371	0.0883	0.0000	94.6443
Unmitigated	16.1104	0.5895	51.0945	2.7100e-003		0.2844	0.2844		0.2844	0.2844	0.0000	92.4371	92.4371	0.0883	0.0000	94.6443

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	14.5769					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5335	0.5895	51.0945	2.7100e-003		0.2844	0.2844		0.2844	0.2844		92.4371	92.4371	0.0883		94.6443
Total	**16.1104**	**0.5895**	**51.0945**	**2.7100e-003**		**0.2844**	**0.2844**		**0.2844**	**0.2844**	**0.0000**	**92.4371**	**92.4371**	**0.0883**	**0.0000**	**94.6443**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	14.5769					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5335	0.5895	51.0945	2.7100e-003		0.2844	0.2844		0.2844	0.2844		92.4371	92.4371	0.0883		94.6443
Total	**16.1104**	**0.5895**	**51.0945**	**2.7100e-003**		**0.2844**	**0.2844**		**0.2844**	**0.2844**	**0.0000**	**92.4371**	**92.4371**	**0.0883**	**0.0000**	**94.6443**

7.0 Water Detail

7.1 Mitigation Measures Water

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

OSP - Phase 3 - Revised Construction

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	23.00	1000sqft	0.00	23,000.00	0
Enclosed Parking with Elevator	806.00	Space	0.00	322,210.00	0
City Park	1.60	Acre	1.60	69,696.00	0
Apartments Mid Rise	576.00	Dwelling Unit	5.54	576,000.00	1647
Condo/Townhouse	45.00	Dwelling Unit	0.00	45,000.00	129
Strip Mall	20.00	1000sqft	0.00	20,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2040
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - See Assumptions. Architectural coating fugitive emissions modeled separately for Scenario 3B.

Off-road Equipment - ss

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumption

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - See Assumptions

Off-road Equipment - see Assumptions

Off-road Equipment - see assumptions

Off-road Equipment - see Assumptions

Off-road Equipment - See Assumptions

Trips and VMT - See Assumptions

Demolition - see assumptions

Grading - see Assumptions

Architectural Coating - See Assumptions

Vehicle Trips - Operational modeled separately

Woodstoves - Operational modeled separately

Area Coating - Operational modeled separately

Landscape Equipment - Operational modeled separately

Energy Use - Operational modeled separately

Water And Wastewater - Operational modeled separately

Solid Waste - Operational modeled separately

Construction Off-road Equipment Mitigation - See Assumptions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	54,718.00	30,350.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	164,154.00	91,050.00
tblArchitecturalCoating	ConstArea_Parking	19,333.00	23,119.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	419,175.00	290,250.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,257,525.00	870,750.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	58.00
tblConstructionPhase	NumDays	10.00	29.00
tblConstructionPhase	NumDays	20.00	58.00
tblConstructionPhase	NumDays	230.00	672.00
tblConstructionPhase	NumDays	20.00	336.00
tblConstructionPhase	NumDays	20.00	336.00
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1.75	0.00
tblEnergyUse	LightingElect	3.77	0.00
tblEnergyUse	LightingElect	6.26	0.00
tblEnergyUse	NT24E	3,054.10	0.00
tblEnergyUse	NT24E	3,795.01	0.00
tblEnergyUse	NT24E	0.19	0.00
tblEnergyUse	NT24E	4.62	0.00
tblEnergyUse	NT24E	3.23	0.00
tblEnergyUse	NT24NG	4,831.00	0.00
tblEnergyUse	NT24NG	4,831.00	0.00
tblEnergyUse	NT24NG	0.39	0.00
tblEnergyUse	NT24NG	0.49	0.00
tblEnergyUse	T24E	35.05	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblEnergyUse	T24E	39.19	0.00
tblEnergyUse	T24E	3.50	0.00
tblEnergyUse	T24E	4.11	0.00
tblEnergyUse	T24E	3.58	0.00
tblEnergyUse	T24NG	4,179.80	0.00
tblEnergyUse	T24NG	12,162.60	0.00
tblEnergyUse	T24NG	9.92	0.00
tblEnergyUse	T24NG	1.14	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	NumberGas	489.60	0.00
tblFireplaces	NumberGas	38.25	0.00
tblFireplaces	NumberNoFireplace	57.60	0.00
tblFireplaces	NumberNoFireplace	4.50	0.00
tblFireplaces	NumberWood	28.80	0.00
tblFireplaces	NumberWood	2.25	0.00
tblGrading	MaterialExported	0.00	132,721.00
tblLandUse	LandUseSquareFeet	322,400.00	322,210.00
tblLandUse	LotAcreage	0.53	0.00
tblLandUse	LotAcreage	7.25	0.00
tblLandUse	LotAcreage	15.16	5.54
tblLandUse	LotAcreage	2.81	0.00
tblLandUse	LotAcreage	0.46	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	7.00	2.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblSolidWaste	SolidWasteGenerationRate	264.96	0.00
tblSolidWaste	SolidWasteGenerationRate	0.14	0.00
tblSolidWaste	SolidWasteGenerationRate	20.70	0.00
tblSolidWaste	SolidWasteGenerationRate	21.39	0.00
tblSolidWaste	SolidWasteGenerationRate	21.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	46.40
tblTripsAndVMT	HaulingTripLength	20.00	46.40
tblTripsAndVMT	HaulingTripNumber	13,123.00	8,295.00
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	8.14	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	6.28	0.00
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	7.32	0.00
tblVehicleTrips	WD_TR	9.74	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	37,528,718.76	0.00
tblWater	IndoorWaterUseRate	2,931,931.15	0.00
tblWater	IndoorWaterUseRate	4,087,876.20	0.00
tblWater	IndoorWaterUseRate	1,481,450.43	0.00
tblWater	OutdoorWaterUseRate	23,659,409.65	0.00
tblWater	OutdoorWaterUseRate	1,906,370.16	0.00
tblWater	OutdoorWaterUseRate	1,848,391.38	0.00
tblWater	OutdoorWaterUseRate	2,505,472.51	0.00
tblWater	OutdoorWaterUseRate	907,985.75	0.00
tblWoodstoves	NumberCatalytic	28.80	0.00
tblWoodstoves	NumberCatalytic	2.25	0.00
tblWoodstoves	NumberNoncatalytic	28.80	0.00
tblWoodstoves	NumberNoncatalytic	2.25	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00

2.0 Emissions Summary

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
2034	3.7783	52.1253	38.6561	0.2272	8.4403	0.7081	9.1484	2.1518	0.6970	2.6538	0.0000	24,667.8909	24,667.8909	1.5638	2.6990	25,511.2879
2035	1.7660	8.5533	20.7034	0.0792	8.0377	0.1052	8.1429	2.1518	0.1025	2.2542	0.0000	8,062.8098	8,062.8098	0.2084	0.4216	8,193.6599
2036	26.8948	8.2653	22.9094	0.0922	10.6645	0.0985	10.7629	2.8484	0.0951	2.9435	0.0000	9,395.8763	9,395.8763	0.2196	0.4566	9,537.4244
2037	26.8948	8.2653	22.9094	0.0922	10.6645	0.0985	10.7629	2.8484	0.0951	2.9435	0.0000	9,395.8763	9,395.8763	0.2196	0.4566	9,537.4244
Maximum	**26.8948**	**52.1253**	**38.6561**	**0.2272**	**10.6645**	**0.7081**	**10.7629**	**2.8484**	**0.6970**	**2.9435**	**0.0000**	**24,667.8909**	**24,667.8909**	**1.5638**	**2.6990**	**25,511.2879**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2034	1.4248	42.8118	46.0168	0.2242	8.0377	0.3557	8.1012	2.1518	0.3447	2.2124	0.0000	24,413.4550	24,413.4550	1.5509	2.6990	25,256.5296
2035	1.3708	7.0110	20.9927	0.0787	8.0377	0.0621	8.0998	2.1518	0.0593	2.2111	0.0000	8,029.2325	8,029.2325	0.2049	0.4216	8,159.9954
2036	26.5798	6.7310	22.7739	0.0913	10.6645	0.0639	10.7284	2.8484	0.0606	2.9090	0.0000	9,332.7309	9,332.7309	0.2130	0.4566	9,474.1152
2037	26.5798	6.7310	22.7739	0.0913	10.6645	0.0639	10.7284	2.8484	0.0606	2.9090	0.0000	9,332.7309	9,332.7309	0.2130	0.4566	9,474.1152
Maximum	**26.5798**	**42.8118**	**46.0168**	**0.2242**	**10.6645**	**0.3557**	**10.7284**	**2.8484**	**0.3447**	**2.9090**	**0.0000**	**24,413.4550**	**24,413.4550**	**1.5509**	**2.6990**	**25,256.5296**

	ROG	NOx	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	**5.69**	**18.03**	**-7.02**	**1.06**	**1.06**	**45.99**	**2.99**	**0.00**	**46.94**	**5.13**	**0.00**	**0.80**	**0.80**	**1.33**	**0.00**	**0.79**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	16.1104	0.5895	51.0945	2.7100e-003		0.2844	0.2844		0.2844	0.2844	0.0000	92.4371	92.4371	0.0883	0.0000	94.6443
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	0.0000
Total	**16.1104**	**0.5895**	**51.0945**	**2.7100e-003**	**0.0000**	**0.2844**	**0.2844**	**0.0000**	**0.2844**	**0.2844**	**0.0000**	**92.4371**	**92.4371**	**0.0883**	**0.0000**	**94.6443**

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	16.1104	0.5895	51.0945	2.7100e-003		0.2844	0.2844		0.2844	0.2844	0.0000	92.4371	92.4371	0.0883	0.0000	94.6443
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	0.0000
Total	**16.1104**	**0.5895**	**51.0945**	**2.7100e-003**	**0.0000**	**0.2844**	**0.2844**	**0.0000**	**0.2844**	**0.2844**	**0.0000**	**92.4371**	**92.4371**	**0.0883**	**0.0000**	**94.6443**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	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	3/1/2034	5/19/2034	5	58	
2	Site Prep	Site Preparation	5/20/2034	6/29/2034	5	29	
3	Grading	Grading	6/30/2034	9/19/2034	5	58	
4	Utilities Trenching	Trenching	9/19/2034	12/7/2034	5	58	
5	Building Construction	Building Construction	12/8/2034	7/6/2037	5	672	
6	Paving	Paving	12/8/2034	1/4/2035	5	20	
7	Architectural Coating - Phase 3	Architectural Coating	9/5/2036	12/18/2037	5	336	
8	Architectural Coating - P3 SB - AC emiss.	Architectural Coating	9/5/2036	12/18/2037	5	336	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 116

Acres of Paving: 0

Residential Indoor: 1,257,525; Residential Outdoor: 419,175; Non-Residential Indoor: 164,154; Non-Residential Outdoor: 54,718; Striped Parking Area: 19,333 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	2.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Generator Sets	1	2.00	84	0.74

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Sweepers/Scrubbers	1	2.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Prep	Rubber Tired Dozers	0	8.00	247	0.40
Site Prep	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site Prep	Trenchers	1	2.00	78	0.50
Grading	Air Compressors	0	8.00	78	0.48
Grading	Excavators	1	8.00	158	0.38
Grading	Generator Sets	0	8.00	84	0.74
Grading	Graders	0	8.00	187	0.41
Grading	Plate Compactors	1	8.00	8	0.43
Grading	Pumps	0	8.00	84	0.74
Grading	Rough Terrain Forklifts	0	8.00	100	0.40
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Sweepers/Scrubbers	1	8.00	64	0.46
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Welders	1	2.00	46	0.45
Utilities Trenching	Air Compressors	1	2.00	78	0.48
Utilities Trenching	Concrete/Industrial Saws	1	2.00	81	0.73
Utilities Trenching	Excavators	1	8.00	158	0.38
Utilities Trenching	Generator Sets	1	2.00	84	0.74
Utilities Trenching	Paving Equipment	1	2.00	132	0.36
Utilities Trenching	Rollers	1	2.00	80	0.38
Utilities Trenching	Rubber Tired Loaders	1	8.00	203	0.36
Utilities Trenching	Signal Boards	1	2.00	6	0.82
Utilities Trenching	Surfacing Equipment	1	2.00	263	0.30
Utilities Trenching	Sweepers/Scrubbers	1	2.00	64	0.46

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Utilities Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Air Compressors	1	2.00	78	0.48
Building Construction	Cement and Mortar Mixers	1	2.00	9	0.56
Building Construction	Cranes	1	2.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Rough Terrain Forklifts	1	8.00	100	0.40
Building Construction	Sweepers/Scrubbers	1	2.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Generator Sets	0	8.00	84	0.74
Paving	Pavers	1	2.00	130	0.42
Paving	Paving Equipment	1	2.00	132	0.36
Paving	Plate Compactors	1	2.00	8	0.43
Paving	Rollers	1	2.00	80	0.38
Paving	Signal Boards	1	2.00	6	0.82
Paving	Sweepers/Scrubbers	1	2.00	64	0.46
Architectural Coating - Phase 3	Air Compressors	0	0.00	78	0.48
Architectural Coating - Phase 3	Cement and Mortar Mixers	1	8.00	9	0.56
Architectural Coating - Phase 3	Pressure Washers	1	2.00	13	0.30
Architectural Coating - P3 SB - AC emiss.	Air Compressors	0	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	0.00	847.00	14.70	6.90	46.40	LD_Mix	HDT_Mix	HHDT
Site Prep	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	7	18.00	0.00	8,295.00	14.70	6.90	46.40	LD_Mix	HDT_Mix	HHDT

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Utilities Trenching	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	625.00	138.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Phase 3	2	125.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - P3 SB - AC emiss	0	125.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Demolition - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.1619	0.0000	3.1619	0.4787	0.0000	0.4787			0.0000			0.0000
Off-Road	0.8087	3.5173	9.6689	0.0219		0.0934	0.0934		0.0934	0.0934		2,071.6952	2,071.6952	0.0708		2,073.4661
Total	**0.8087**	**3.5173**	**9.6689**	**0.0219**	**3.1619**	**0.0934**	**3.2553**	**0.4787**	**0.0934**	**0.5721**		**2,071.6952**	**2,071.6952**	**0.0708**		**2,073.4661**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0454	3.8665	1.0301	0.0155	0.5928	0.0258	0.6186	0.1625	0.0247	0.1872		1,724.2238	1,724.2238	0.1298	0.2749	1,809.3848
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0273	0.0151	0.2898	1.0900e-003	0.1677	5.1000e-004	0.1682	0.0445	4.7000e-004	0.0449		109.8357	109.8357	1.5500e-003	2.2700e-003	110.5508
Total	**0.0727**	**3.8816**	**1.3199**	**0.0166**	**0.7604**	**0.0263**	**0.7868**	**0.2070**	**0.0252**	**0.2321**		**1,834.0595**	**1,834.0595**	**0.1314**	**0.2772**	**1,919.9355**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.4229	0.0000	1.4229	0.2154	0.0000	0.2154			0.0000			0.0000
Off-Road	0.2101	1.1985	10.5406	0.0202		0.0270	0.0270		0.0270	0.0270	0.0000	1,915.9365	1,915.9365	0.0665		1,917.5978
Total	**0.2101**	**1.1985**	**10.5406**	**0.0202**	**1.4229**	**0.0270**	**1.4498**	**0.2154**	**0.0270**	**0.2424**	**0.0000**	**1,915.9365**	**1,915.9365**	**0.0665**		**1,917.5978**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0454	3.8665	1.0301	0.0155	0.5928	0.0258	0.6186	0.1625	0.0247	0.1872		1,724.2238	1,724.2238	0.1298	0.2749	1,809.3848
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0273	0.0151	0.2898	1.0900e-003	0.1677	5.1000e-004	0.1682	0.0445	4.7000e-004	0.0449		109.8357	109.8357	1.5500e-003	2.2700e-003	110.5508
Total	**0.0727**	**3.8816**	**1.3199**	**0.0166**	**0.7604**	**0.0263**	**0.7868**	**0.2070**	**0.0252**	**0.2321**		**1,834.0595**	**1,834.0595**	**0.1314**	**0.2772**	**1,919.9355**

3.3 Site Prep - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0703	0.4401	0.6437	1.0300e-003		0.0227	0.0227		0.0227	0.0227		97.7250	97.7250	6.1900e-003		97.8798
Total	**0.0703**	**0.4401**	**0.6437**	**1.0300e-003**	**0.0000**	**0.0227**	**0.0227**	**0.0000**	**0.0227**	**0.0227**		**97.7250**	**97.7250**	**6.1900e-003**		**97.8798**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Prep - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4500e-003	3.0300e-003	0.0580	2.2000e-004	0.0335	1.0000e-004	0.0336	8.8900e-003	9.0000e-005	8.9900e-003		21.9671	21.9671	3.1000e-004	4.5000e-004	22.1102
Total	**5.4500e-003**	**3.0300e-003**	**0.0580**	**2.2000e-004**	**0.0335**	**1.0000e-004**	**0.0336**	**8.8900e-003**	**9.0000e-005**	**8.9900e-003**		**21.9671**	**21.9671**	**3.1000e-004**	**4.5000e-004**	**22.1102**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0103	0.0447	0.6363	1.0300e-003		1.3800e-003	1.3800e-003		1.3800e-003	1.3800e-003	0.0000	97.7250	97.7250	6.1900e-003		97.8798
Total	**0.0103**	**0.0447**	**0.6363**	**1.0300e-003**	**0.0000**	**1.3800e-003**	**1.3800e-003**	**0.0000**	**1.3800e-003**	**1.3800e-003**	**0.0000**	**97.7250**	**97.7250**	**6.1900e-003**		**97.8798**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Prep - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4500e-003	3.0300e-003	0.0580	2.2000e-004	0.0335	1.0000e-004	0.0336	8.8900e-003	9.0000e-005	8.9900e-003		21.9671	21.9671	3.1000e-004	4.5000e-004	22.1102
Total	**5.4500e-003**	**3.0300e-003**	**0.0580**	**2.2000e-004**	**0.0335**	**1.0000e-004**	**0.0336**	**8.8900e-003**	**9.0000e-005**	**8.9900e-003**		**21.9671**	**21.9671**	**3.1000e-004**	**4.5000e-004**	**22.1102**

3.4 Grading - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1210	0.0000	2.1210	0.2290	0.0000	0.2290			0.0000			0.0000
Off-Road	2.2237	9.5167	15.7961	0.0455		0.3177	0.3177		0.3177	0.3177		4,874.2733	4,874.2733	0.1974		4,879.2083
Total	**2.2237**	**9.5167**	**15.7961**	**0.0455**	**2.1210**	**0.3177**	**2.4387**	**0.2290**	**0.3177**	**0.5467**		**4,874.2733**	**4,874.2733**	**0.1974**		**4,879.2083**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4447	37.8660	10.0882	0.1515	5.8051	0.2529	6.0580	1.5913	0.2420	1.8333		16,885.9937	16,885.9937	1.2714	2.6920	17,720.0078
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0327	0.0182	0.3478	1.3000e-003	0.2012	6.2000e-004	0.2018	0.0534	5.7000e-004	0.0539		131.8029	131.8029	1.8600e-003	2.7200e-003	132.6609
Total	**0.4774**	**37.8841**	**10.4360**	**0.1528**	**6.0063**	**0.2536**	**6.2599**	**1.6447**	**0.2426**	**1.8873**		**17,017.7965**	**17,017.7965**	**1.2733**	**2.6948**	**17,852.6688**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9545	0.0000	0.9545	0.1031	0.0000	0.1031			0.0000			0.0000
Off-Road	0.5367	3.4782	21.8517	0.0443		0.0674	0.0674		0.0674	0.0674	0.0000	4,787.9244	4,787.9244	0.1902		4,792.6788
Total	**0.5367**	**3.4782**	**21.8517**	**0.0443**	**0.9545**	**0.0674**	**1.0219**	**0.1031**	**0.0674**	**0.1705**	**0.0000**	**4,787.9244**	**4,787.9244**	**0.1902**		**4,792.6788**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4447	37.8660	10.0882	0.1515	5.8051	0.2529	6.0580	1.5913	0.2420	1.8333		16,885.9937	16,885.9937	1.2714	2.6920	17,720.0078
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0327	0.0182	0.3478	1.3000e-003	0.2012	6.2000e-004	0.2018	0.0534	5.7000e-004	0.0539		131.8029	131.8029	1.8600e-003	2.7200e-003	132.6609
Total	**0.4774**	**37.8841**	**10.4360**	**0.1528**	**6.0063**	**0.2536**	**6.2599**	**1.6447**	**0.2426**	**1.8873**		**17,017.7965**	**17,017.7965**	**1.2733**	**2.6948**	**17,852.6688**

3.5 Utilities Trenching - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0262	4.6963	11.8830	0.0268		0.1359	0.1359		0.1359	0.1359		2,570.7944	2,570.7944	0.0902		2,573.0493
Total	**1.0262**	**4.6963**	**11.8830**	**0.0268**		**0.1359**	**0.1359**		**0.1359**	**0.1359**		**2,570.7944**	**2,570.7944**	**0.0902**		**2,573.0493**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Utilities Trenching - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0509	0.0282	0.5410	2.0300e-003	0.3130	9.6000e-004	0.3139	0.0830	8.8000e-004	0.0839		205.0267	205.0267	2.9000e-003	4.2400e-003	206.3614
Total	**0.0509**	**0.0282**	**0.5410**	**2.0300e-003**	**0.3130**	**9.6000e-004**	**0.3139**	**0.0830**	**8.8000e-004**	**0.0839**		**205.0267**	**205.0267**	**2.9000e-003**	**4.2400e-003**	**206.3614**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2615	1.4212	13.1880	0.0250		0.0338	0.0338		0.0338	0.0338	0.0000	2,402.7074	2,402.7074	0.0845		2,404.8207
Total	**0.2615**	**1.4212**	**13.1880**	**0.0250**		**0.0338**	**0.0338**		**0.0338**	**0.0338**	**0.0000**	**2,402.7074**	**2,402.7074**	**0.0845**		**2,404.8207**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Utilities Trenching - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0509	0.0282	0.5410	2.0300e-003	0.3130	9.6000e-004	0.3139	0.0830	8.8000e-004	0.0839		205.0267	205.0267	2.9000e-003	4.2400e-003	206.3614
Total	**0.0509**	**0.0282**	**0.5410**	**2.0300e-003**	**0.3130**	**9.6000e-004**	**0.3139**	**0.0830**	**8.8000e-004**	**0.0839**		**205.0267**	**205.0267**	**2.9000e-003**	**4.2400e-003**	**206.3614**

3.6 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3551	1.9809	4.1237	7.9500e-003		0.0444	0.0444		0.0444	0.0444		748.9996	748.9996	0.0316		749.7906
Total	**0.3551**	**1.9809**	**4.1237**	**7.9500e-003**		**0.0444**	**0.0444**		**0.0444**	**0.0444**		**748.9996**	**748.9996**	**0.0316**		**749.7906**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1252	5.2449	1.9491	0.0211	0.8840	0.0254	0.9095	0.2546	0.0243	0.2789		2,287.5483	2,287.5483	0.0985	0.3306	2,388.5227
Worker	1.1361	0.6304	12.0765	0.0453	6.9860	0.0214	7.0075	1.8527	0.0197	1.8725		4,576.4884	4,576.4884	0.0646	0.0946	4,606.2819
Total	**1.2614**	**5.8753**	**14.0256**	**0.0664**	**7.8701**	**0.0469**	**7.9169**	**2.1073**	**0.0441**	**2.1513**		**6,864.0367**	**6,864.0367**	**0.1632**	**0.4251**	**6,994.8046**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0855	0.6588	4.3512	7.7700e-003		0.0104	0.0104		0.0104	0.0104	0.0000	736.3705	736.3705	0.0303		737.1287
Total	**0.0855**	**0.6588**	**4.3512**	**7.7700e-003**		**0.0104**	**0.0104**		**0.0104**	**0.0104**	**0.0000**	**736.3705**	**736.3705**	**0.0303**		**737.1287**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1252	5.2449	1.9491	0.0211	0.8840	0.0254	0.9095	0.2546	0.0243	0.2789		2,287.5483	2,287.5483	0.0985	0.3306	2,388.5227
Worker	1.1361	0.6304	12.0765	0.0453	6.9860	0.0214	7.0075	1.8527	0.0197	1.8725		4,576.4884	4,576.4884	0.0646	0.0946	4,606.2819
Total	**1.2614**	**5.8753**	**14.0256**	**0.0664**	**7.8701**	**0.0469**	**7.9169**	**2.1073**	**0.0441**	**2.1513**		**6,864.0367**	**6,864.0367**	**0.1632**	**0.4251**	**6,994.8046**

3.6 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3316	1.7537	4.1186	7.9500e-003		0.0278	0.0278		0.0278	0.0278		748.9996	748.9996	0.0292		749.7290
Total	**0.3316**	**1.7537**	**4.1186**	**7.9500e-003**		**0.0278**	**0.0278**		**0.0278**	**0.0278**		**748.9996**	**748.9996**	**0.0292**		**749.7290**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1247	5.2245	1.9526	0.0208	0.8840	0.0253	0.9093	0.2546	0.0242	0.2787		2,258.4376	2,258.4376	0.0990	0.3264	2,358.1845
Worker	1.0839	0.6055	11.7644	0.0447	6.9860	0.0202	7.0062	1.8527	0.0186	1.8713		4,520.1073	4,520.1073	0.0609	0.0930	4,549.3345
Total	**1.2086**	**5.8300**	**13.7170**	**0.0656**	**7.8701**	**0.0455**	**7.9156**	**2.1073**	**0.0428**	**2.1501**		**6,778.5449**	**6,778.5449**	**0.1599**	**0.4194**	**6,907.5189**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0855	0.6588	4.3512	7.7700e-003		0.0104	0.0104		0.0104	0.0104	0.0000	736.3705	736.3705	0.0279		737.0672
Total	**0.0855**	**0.6588**	**4.3512**	**7.7700e-003**		**0.0104**	**0.0104**		**0.0104**	**0.0104**	**0.0000**	**736.3705**	**736.3705**	**0.0279**		**737.0672**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1247	5.2245	1.9526	0.0208	0.8840	0.0253	0.9093	0.2546	0.0242	0.2787		2,258.4376	2,258.4376	0.0990	0.3264	2,358.1845
Worker	1.0839	0.6055	11.7644	0.0447	6.9860	0.0202	7.0062	1.8527	0.0186	1.8713		4,520.1073	4,520.1073	0.0609	0.0930	4,549.3345
Total	**1.2086**	**5.8300**	**13.7170**	**0.0656**	**7.8701**	**0.0455**	**7.9156**	**2.1073**	**0.0428**	**2.1501**		**6,778.5449**	**6,778.5449**	**0.1599**	**0.4194**	**6,907.5189**

3.6 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3316	1.7537	4.1186	7.9500e-003		0.0278	0.0278		0.0278	0.0278		748.9996	748.9996	0.0292		749.7290
Total	**0.3316**	**1.7537**	**4.1186**	**7.9500e-003**		**0.0278**	**0.0278**		**0.0278**	**0.0278**		**748.9996**	**748.9996**	**0.0292**		**749.7290**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1247	5.2245	1.9526	0.0208	0.8840	0.0253	0.9093	0.2546	0.0242	0.2787		2,258.4376	2,258.4376	0.0990	0.3264	2,358.1845
Worker	1.0839	0.6055	11.7644	0.0447	6.9860	0.0202	7.0062	1.8527	0.0186	1.8713		4,520.1073	4,520.1073	0.0609	0.0930	4,549.3345
Total	**1.2086**	**5.8300**	**13.7170**	**0.0656**	**7.8701**	**0.0455**	**7.9156**	**2.1073**	**0.0428**	**2.1501**		**6,778.5449**	**6,778.5449**	**0.1599**	**0.4194**	**6,907.5189**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0855	0.6588	4.3512	7.7700e-003		0.0104	0.0104		0.0104	0.0104	0.0000	736.3705	736.3705	0.0279		737.0672
Total	**0.0855**	**0.6588**	**4.3512**	**7.7700e-003**		**0.0104**	**0.0104**		**0.0104**	**0.0104**	**0.0000**	**736.3705**	**736.3705**	**0.0279**		**737.0672**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1247	5.2245	1.9526	0.0208	0.8840	0.0253	0.9093	0.2546	0.0242	0.2787		2,258.4376	2,258.4376	0.0990	0.3264	2,358.1845
Worker	1.0839	0.6055	11.7644	0.0447	6.9860	0.0202	7.0062	1.8527	0.0186	1.8713		4,520.1073	4,520.1073	0.0609	0.0930	4,549.3345
Total	**1.2086**	**5.8300**	**13.7170**	**0.0656**	**7.8701**	**0.0455**	**7.9156**	**2.1073**	**0.0428**	**2.1501**		**6,778.5449**	**6,778.5449**	**0.1599**	**0.4194**	**6,907.5189**

3.6 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3316	1.7537	4.1186	7.9500e-003		0.0278	0.0278		0.0278	0.0278		748.9996	748.9996	0.0292		749.7290
Total	**0.3316**	**1.7537**	**4.1186**	**7.9500e-003**		**0.0278**	**0.0278**		**0.0278**	**0.0278**		**748.9996**	**748.9996**	**0.0292**		**749.7290**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1247	5.2245	1.9526	0.0208	0.8840	0.0253	0.9093	0.2546	0.0242	0.2787		2,258.4376	2,258.4376	0.0990	0.3264	2,358.1845
Worker	1.0839	0.6055	11.7644	0.0447	6.9860	0.0202	7.0062	1.8527	0.0186	1.8713		4,520.1073	4,520.1073	0.0609	0.0930	4,549.3345
Total	**1.2086**	**5.8300**	**13.7170**	**0.0656**	**7.8701**	**0.0455**	**7.9156**	**2.1073**	**0.0428**	**2.1501**		**6,778.5449**	**6,778.5449**	**0.1599**	**0.4194**	**6,907.5189**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0855	0.6588	4.3512	7.7700e-003		0.0104	0.0104		0.0104	0.0104	0.0000	736.3705	736.3705	0.0279		737.0672
Total	**0.0855**	**0.6588**	**4.3512**	**7.7700e-003**		**0.0104**	**0.0104**		**0.0104**	**0.0104**	**0.0000**	**736.3705**	**736.3705**	**0.0279**		**737.0672**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Building Construction - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1247	5.2245	1.9526	0.0208	0.8840	0.0253	0.9093	0.2546	0.0242	0.2787		2,258.4376	2,258.4376	0.0990	0.3264	2,358.1845
Worker	1.0839	0.6055	11.7644	0.0447	6.9860	0.0202	7.0062	1.8527	0.0186	1.8713		4,520.1073	4,520.1073	0.0609	0.0930	4,549.3345
Total	**1.2086**	**5.8300**	**13.7170**	**0.0656**	**7.8701**	**0.0455**	**7.9156**	**2.1073**	**0.0428**	**2.1501**		**6,778.5449**	**6,778.5449**	**0.1599**	**0.4194**	**6,907.5189**

3.7 Paving - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2313	1.2464	2.5898	4.5800e-003		0.0503	0.0503		0.0503	0.0503		426.7827	426.7827	0.0207		427.3009
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2313**	**1.2464**	**2.5898**	**4.5800e-003**		**0.0503**	**0.0503**		**0.0503**	**0.0503**		**426.7827**	**426.7827**	**0.0207**		**427.3009**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0273	0.0151	0.2898	1.0900e-003	0.1677	5.1000e-004	0.1682	0.0445	4.7000e-004	0.0449		109.8357	109.8357	1.5500e-003	2.2700e-003	110.5508
Total	**0.0273**	**0.0151**	**0.2898**	**1.0900e-003**	**0.1677**	**5.1000e-004**	**0.1682**	**0.0445**	**4.7000e-004**	**0.0449**		**109.8357**	**109.8357**	**1.5500e-003**	**2.2700e-003**	**110.5508**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0506	0.5076	2.6423	4.2800e-003		5.7100e-003	5.7100e-003		5.7100e-003	5.7100e-003	0.0000	405.8345	405.8345	0.0186		406.2983
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.0506**	**0.5076**	**2.6423**	**4.2800e-003**		**5.7100e-003**	**5.7100e-003**		**5.7100e-003**	**5.7100e-003**	**0.0000**	**405.8345**	**405.8345**	**0.0186**		**406.2983**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0273	0.0151	0.2898	1.0900e-003	0.1677	5.1000e-004	0.1682	0.0445	4.7000e-004	0.0449		109.8357	109.8357	1.5500e-003	2.2700e-003	110.5508
Total	**0.0273**	**0.0151**	**0.2898**	**1.0900e-003**	**0.1677**	**5.1000e-004**	**0.1682**	**0.0445**	**4.7000e-004**	**0.0449**		**109.8357**	**109.8357**	**1.5500e-003**	**2.2700e-003**	**110.5508**

3.7 Paving - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1998	0.9551	2.5855	4.5800e-003		0.0314	0.0314		0.0314	0.0314		426.7827	426.7827	0.0178		427.2279
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1998**	**0.9551**	**2.5855**	**4.5800e-003**		**0.0314**	**0.0314**		**0.0314**	**0.0314**		**426.7827**	**426.7827**	**0.0178**		**427.2279**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0260	0.0145	0.2824	1.0700e-003	0.1677	4.8000e-004	0.1682	0.0445	4.5000e-004	0.0449		108.4826	108.4826	1.4600e-003	2.2300e-003	109.1840
Total	**0.0260**	**0.0145**	**0.2824**	**1.0700e-003**	**0.1677**	**4.8000e-004**	**0.1682**	**0.0445**	**4.5000e-004**	**0.0449**		**108.4826**	**108.4826**	**1.4600e-003**	**2.2300e-003**	**109.1840**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0506	0.5076	2.6423	4.2800e-003		5.7100e-003	5.7100e-003		5.7100e-003	5.7100e-003	0.0000	405.8345	405.8345	0.0156		406.2253
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.0506**	**0.5076**	**2.6423**	**4.2800e-003**		**5.7100e-003**	**5.7100e-003**		**5.7100e-003**	**5.7100e-003**	**0.0000**	**405.8345**	**405.8345**	**0.0156**		**406.2253**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0260	0.0145	0.2824	1.0700e-003	0.1677	4.8000e-004	0.1682	0.0445	4.5000e-004	0.0449		108.4826	108.4826	1.4600e-003	2.2300e-003	109.1840
Total	**0.0260**	**0.0145**	**0.2824**	**1.0700e-003**	**0.1677**	**4.8000e-004**	**0.1682**	**0.0445**	**4.5000e-004**	**0.0449**		**108.4826**	**108.4826**	**1.4600e-003**	**2.2300e-003**	**109.1840**

3.8 Architectural Coating - Phase 3 - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	14.8507					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0689	0.4394	0.3680	8.5000e-004		0.0171	0.0171		0.0171	0.0171		60.2888	60.2888	6.1600e-003		60.4427
Total	**14.9196**	**0.4394**	**0.3680**	**8.5000e-004**		**0.0171**	**0.0171**		**0.0171**	**0.0171**		**60.2888**	**60.2888**	**6.1600e-003**		**60.4427**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - Phase 3 - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2168	0.1211	2.3529	8.9400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743		904.0215	904.0215	0.0122	0.0186	909.8669
Total	**0.2168**	**0.1211**	**2.3529**	**8.9400e-003**	**1.3972**	**4.0400e-003**	**1.4013**	**0.3706**	**3.7200e-003**	**0.3743**		**904.0215**	**904.0215**	**0.0122**	**0.0186**	**909.8669**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	14.8507					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	1.4000e-004		0.0000	0.0000		0.0000	0.0000	0.0000	9.7725	9.7725	9.1000e-004		9.7953
Total	**14.8507**	**0.0000**	**0.0000**	**1.4000e-004**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**9.7725**	**9.7725**	**9.1000e-004**		**9.7953**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - Phase 3 - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2168	0.1211	2.3529	8.9400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743		904.0215	904.0215	0.0122	0.0186	909.8669
Total	**0.2168**	**0.1211**	**2.3529**	**8.9400e-003**	**1.3972**	**4.0400e-003**	**1.4013**	**0.3706**	**3.7200e-003**	**0.3743**		**904.0215**	**904.0215**	**0.0122**	**0.0186**	**909.8669**

3.8 Architectural Coating - Phase 3 - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	14.8507					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0689	0.4394	0.3680	8.5000e-004		0.0171	0.0171		0.0171	0.0171		60.2888	60.2888	6.1600e-003		60.4427
Total	**14.9196**	**0.4394**	**0.3680**	**8.5000e-004**		**0.0171**	**0.0171**		**0.0171**	**0.0171**		**60.2888**	**60.2888**	**6.1600e-003**		**60.4427**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - Phase 3 - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2168	0.1211	2.3529	8.9400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743		904.0215	904.0215	0.0122	0.0186	909.8669
Total	**0.2168**	**0.1211**	**2.3529**	**8.9400e-003**	**1.3972**	**4.0400e-003**	**1.4013**	**0.3706**	**3.7200e-003**	**0.3743**		**904.0215**	**904.0215**	**0.0122**	**0.0186**	**909.8669**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	14.8507					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	1.4000e-004		0.0000	0.0000		0.0000	0.0000	0.0000	9.7725	9.7725	9.1000e-004		9.7953
Total	**14.8507**	**0.0000**	**0.0000**	**1.4000e-004**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**9.7725**	**9.7725**	**9.1000e-004**		**9.7953**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Architectural Coating - Phase 3 - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2168	0.1211	2.3529	8.9400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743		904.0215	904.0215	0.0122	0.0186	909.8669
Total	**0.2168**	**0.1211**	**2.3529**	**8.9400e-003**	**1.3972**	**4.0400e-003**	**1.4013**	**0.3706**	**3.7200e-003**	**0.3743**		**904.0215**	**904.0215**	**0.0122**	**0.0186**	**909.8669**

3.9 Architectural Coating - P3 SB - AC emiss. - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0014					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	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	**10.0014**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P3 SB - AC emiss. - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2168	0.1211	2.3529	8.9400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743		904.0215	904.0215	0.0122	0.0186	909.8669
Total	**0.2168**	**0.1211**	**2.3529**	**8.9400e-003**	**1.3972**	**4.0400e-003**	**1.4013**	**0.3706**	**3.7200e-003**	**0.3743**		**904.0215**	**904.0215**	**0.0122**	**0.0186**	**909.8669**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.0014					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	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	**10.0014**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P3 SB - AC emiss. - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2168	0.1211	2.3529	8.9400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743		904.0215	904.0215	0.0122	0.0186	909.8669
Total	**0.2168**	**0.1211**	**2.3529**	**8.9400e-003**	**1.3972**	**4.0400e-003**	**1.4013**	**0.3706**	**3.7200e-003**	**0.3743**		**904.0215**	**904.0215**	**0.0122**	**0.0186**	**909.8669**

3.9 Architectural Coating - P3 SB - AC emiss. - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.0014					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	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	**10.0014**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P3 SB - AC emiss. - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2168	0.1211	2.3529	8.9400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743		904.0215	904.0215	0.0122	0.0186	909.8669
Total	**0.2168**	**0.1211**	**2.3529**	**8.9400e-003**	**1.3972**	**4.0400e-003**	**1.4013**	**0.3706**	**3.7200e-003**	**0.3743**		**904.0215**	**904.0215**	**0.0122**	**0.0186**	**909.8669**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.0014					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	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	**10.0014**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.9 Architectural Coating - P3 SB - AC emiss. - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2168	0.1211	2.3529	8.9400e-003	1.3972	4.0400e-003	1.4013	0.3706	3.7200e-003	0.3743		904.0215	904.0215	0.0122	0.0186	909.8669
Total	**0.2168**	**0.1211**	**2.3529**	**8.9400e-003**	**1.3972**	**4.0400e-003**	**1.4013**	**0.3706**	**3.7200e-003**	**0.3743**		**904.0215**	**904.0215**	**0.0122**	**0.0186**	**909.8669**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Condo/Townhouse	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Strip Mall	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
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
City Park	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
Condo/Townhouse	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
Enclosed Parking with Elevator	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
General Office Building	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457
Strip Mall	0.516633	0.070991	0.195744	0.128836	0.026081	0.007842	0.011970	0.007437	0.000933	0.000540	0.028760	0.000776	0.003457

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

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	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
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	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
Enclosed Parking with Elevator	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
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
Strip Mall	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**

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	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
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	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
Enclosed Parking with Elevator	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
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
Strip Mall	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

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	16.1104	0.5895	51.0945	2.7100e-003		0.2844	0.2844		0.2844	0.2844	0.0000	92.4371	92.4371	0.0883	0.0000	94.6443
Unmitigated	16.1104	0.5895	51.0945	2.7100e-003		0.2844	0.2844		0.2844	0.2844	0.0000	92.4371	92.4371	0.0883	0.0000	94.6443

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	14.5769					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5335	0.5895	51.0945	2.7100e-003		0.2844	0.2844		0.2844	0.2844		92.4371	92.4371	0.0883		94.6443
Total	**16.1104**	**0.5895**	**51.0945**	**2.7100e-003**		**0.2844**	**0.2844**		**0.2844**	**0.2844**	**0.0000**	**92.4371**	**92.4371**	**0.0883**	**0.0000**	**94.6443**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	14.5769					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5335	0.5895	51.0945	2.7100e-003		0.2844	0.2844		0.2844	0.2844		92.4371	92.4371	0.0883		94.6443
Total	**16.1104**	**0.5895**	**51.0945**	**2.7100e-003**		**0.2844**	**0.2844**		**0.2844**	**0.2844**	**0.0000**	**92.4371**	**92.4371**	**0.0883**	**0.0000**	**94.6443**

7.0 Water Detail

7.1 Mitigation Measures Water

OSP - Phase 3 - Revised Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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