

Appendix C:
Air Quality, GHG, and Energy Supporting Information

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Appendix C: Air Quality, Greenhouse Gas Emissions, and Energy Supporting Information

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Highway 74 Specific Plan CalEEMod Notes

Note 1. Land uses and sizes associated with development of the proposed project are drawn from land use information provided by the County, consistent with the information provided in Section 2, Project Description, of the Draft Program EIR. Where applicable, all assumptions made for existing land uses were also applied to proposed land uses, such as assuming all multi-family residential dwellings to be low-rise apartments. Where maximum allowable square footage is not provided (e.g., nonresidential floor area ratio), CalEEMod default square footage is utilized. Open space land uses were not included in any operational emission models as they are assumed to not be regularly maintained or active. Additionally, as discussed in Section 3.14, Population and Housing, the unincorporated areas of Riverside County currently have a persons per household (pph) factor of 3.20. Therefore, based on the 3.20 pph factor and information provided below, the population estimates in the model were adjusted to match a total of 28,323 people with and 16,845 people without the project in 2040.

Land Use Conversion to CalEEMod Land Use Types

Land Use Designations	Existing General Plan Buildout within the Highway 74 Planning Area		Highway 74 Community Plan Buildout (GPA 1205)		Delta		CalEEMod Land Use Types
	Acres	Quantity ²	Acres	Quantity ²	Acres	Quantity ²	
Single-family Detached Residential (< 5 DU/Acre)	1,757.13	1,372 DU	1,092.63	989 DU	-664.50	-383 SU	Single Family Housing
Multi-family Residential (≥ 5 DU/Acre + 50% MUA/CC)	159.46	3,892 DU	294.4	7,862 DU	134.94	3,970 DU	Low-Rise Apartments
Commercial Retail (CR + 50% MUA/CC)	114.76	763.789 TSF	408.79	2,844.93 9 TSF	294.03	2,081.15 0 TSF	Regional Shopping Center
Business Park	33.74	330.686 TSF	187.42	1,836.90 3 TSF	153.68	1,506.21 7 TSF	Office Park
Light Industrial	112	1,483.13 1 TSF	167.95	2,224.03 4 TSF	55.95	740.903 TSF	Industrial Park
Other (Open Space)	39.52	39.52 acres	43.8	43.80 acres	4.28	4.28 acres	City Park
Other (Public Facilities <0.60 FAR)	–	–	21.6	21.60 acres	21.60	21.60 acres	Government (Civic Center)
Grand Total	2,216.61 acres		2,216.58 acres		-0.03 acre		

Notes:
AC = acres; DU = dwelling unit; DU/AC = dwelling unit per acre; TSF = thousand square feet; FAR = floor area ratio

- Note 2. Because the proposed project would consist of the development of approximately 17,299,049 square feet of building space, or approximately 397 acres (considering CalEEMod default square footage for residential land uses), the construction schedule for the proposed project utilized CalEEMod default activities and durations for a 400-acre project site. The start date for each construction activity was then assumed to be January 1, 2023, to identify potential overlapping of activities and emission generation. Demolition was assumed to span the duration of Building Construction as it represents the demolition of all existing land uses through 2040. No construction emissions were calculated for existing land uses.
- Note 3. For the proposed project model, all existing land uses were assumed to be demolished. building square footages were entered into the model for building space to be demolished. As shown in the existing land uses model results, approximately 8,939,205 total square feet of building space could be removed through 2040. No construction emissions were calculated for existing land uses.
- Note 4. Urban Crossroads prepared a Vehicle Miles Traveled (VMT) Analysis for the proposed project, dated January 7, 2022,¹ which forms the basis for values altered in CalEEMod to estimate project-generated mobile source emissions. As discussed in the VMT Analysis, reflecting projected 2040 data, buildout of the existing General Plan in 2040 would result in a daily VMT per resident of 22.71, and buildout of the proposed Specific Plan in 2040 would result in a daily VMT per resident of 20.88. The VMT study also provided daily VMT per employee; however, the number of employees that would be projected in 2040 is unknown. Therefore, the residential VMT is utilized for both existing and proposed modeling estimates. To provide a conservative estimate, the CalEEMod default trip lengths and trip generation rates were retained in the model for both the construction modeling, and for the modeling of estimated operational emissions at full project buildout in 2040.
- Note 5. SCAQMD Rule 403: Fugitive Dust Prohibitions was applied to project construction. This was represented in the model by selecting options for watering exposed areas at minimum twice per day and limiting construction vehicle speeds to 15 miles per hour on unpaved roads. No construction emissions were calculated for existing land uses.
- SCAQMD Rule 1113 was applied to both construction and operation, which requires the VOC coating concentration of architectural coatings used for building envelopes to be no greater than 50 grams per liter of product (g/L). No construction emissions were calculated for existing land uses.
- Consistent with SCAQMD Rule 445, all fireplaces associated with residential uses were assumed to be natural gas hearths.

¹ Urban Crossroads. 2022. Riverside County Highway 74 Business Corridor Vehicle Miles Travelled (VMT) Analysis. Accessed January 7, 2022.

Operational Vehicle Trip Distance Adjustments

Trip-Generating CalEEMod Land Use	Size Metric	Size	Default Weekday	Adjusted Trip Distance	Daily VMT by Land Use
			Trip Generation Rates ¹		
Existing (2040)					
Apartments Low Rise	Dwelling Unit	3,892.00	7.32	4.85	138,174
Industrial Park	1000 sqft	1,483.13	3.37	4.85	24,241
Office Park	1000 sqft	330.69	11.07	4.85	17,755
Regional Shopping Center	1000 sqft	763.79	37.75	4.85	139,840
Single Family Housing	Dwelling Unit	1,372.00	9.44	4.85	62,816
City Park	Acre	39.52	0.78	4.85	150
Total Daily VMT:					382,975
Daily VMT Calculated from VMT Study:					382,550
Proposed (2040)					
Apartments Low Rise	Dwelling Unit	7,862.00	7.32	3.84	220,991
Industrial Park	1000 sqft	2,224.03	3.37	3.84	62,515
Office Park	1000 sqft	1,836.90	11.07	3.84	23,771
Regional Shopping Center	1000 sqft	2,844.94	37.75	3.84	120,935
Single Family Housing	Dwelling Unit	989.00	9.44	3.84	143,365
Government (Civic Center)	1000 sqft	564.45	33.98	3.84	20,461
City Park	Acre	4.28	0.78	3.84	558
Total Daily VMT:					592,597
Daily VMT Calculated from VMT Study:					591,384

Calculating Highway 74 Specific Plan Area Daily Residential VMT (2040)

VMT Study Per Residential VMT: ²	
2040 No Projec	22.71
2040 Proposed Projec	20.88
Projected Residential Population:	
2040 No Projec	16,845
2040 Proposed Projec	28,323
Calculated Daily VMT for Specific Plan Area:	
2040 No Projec	382,550
2040 Proposed Projec	591,384

Proposed (2023)

Apartments Low Rise	Dwelling Unit	7,862.00	7.32	2.99	172,074
Industrial Park	1000 sqft	2,224.03	3.37	2.99	48,677
Office Park	1000 sqft	1,836.90	11.07	2.99	18,509
Regional Shopping Center	1000 sqft	2,844.94	37.75	2.99	94,166
Single Family Housing	Dwelling Unit	989.00	9.44	2.99	111,631
Government (Civic Center)	1000 sqft	564.45	33.98	2.99	15,932
City Park	Acre	4.28	0.78	2.99	435
Total Daily VMT:					461,423
Daily VMT Calculated from VMT Study:					460,249

Calculating Highway 74 Specific Plan Area Daily Residential VMT (2023)

VMT Study Per Residential VMT: ²	
Proposed Projec	16.25
Projected Residential Population: ³	
Proposed Projec	28,323
Calculated Daily VMT for Specific Plan Area:	
Proposed Projec	460,249

Notes/Sources:

¹ California Air Pollution Control Officers Association (CAPCOA). 2021. California Emissions Estimator Model (CalEEMod), Version 2020.4.0.

² Urban Crossroads. 2022. Riverside County Highway 74 Business Corridor Vehicle Miles Traveled (VMT).

³ The 2023 projected population utilizes the County's average persons per household of 3.20 and the 2040 projected households for the proposed project as a conservative assumption assuming that all proposed households would be operational in the first year of project operation (2023).

Project Construction Schedule and Overlapping Activities

Construction Activity	Dates		Workdays	
	Start	End	Days/Week	Total Days
Demolition	1/1/2023	12/22/2039	7	6,200
Site Preparation	1/1/2023	8/28/2023	7	240
Grading	1/1/2023	9/11/2024	7	620
Building Construction	1/1/2023	12/22/2039	7	6,200
Paving	1/1/2023	3/15/2024	7	440
Architectural Coating	1/1/2023	3/15/2024	7	440
OVERLAPPING ACTIVITIES: 2023				
Demolition	1/1/2023	12/31/2023	7	365
Site Preparation	1/1/2023	8/28/2023	7	240
Grading	1/1/2023	12/31/2023	7	365
Building Construction	1/1/2023	12/31/2023	7	365
Paving	1/1/2023	12/31/2023	7	365
Architectural Coating	1/1/2023	12/31/2023	7	365
OVERLAPPING ACTIVITIES: 2024 (Leap Year)				
Demolition	1/1/2024	12/31/2024	7	366
Grading	1/1/2024	9/11/2024	7	255
Building Construction	1/1/2024	12/31/2024	7	366
Paving	1/1/2024	3/15/2024	7	75
Architectural Coating	1/1/2024	3/15/2024	7	75
OVERLAPPING ACTIVITIES: 2025 - 2039				
Demolition	1/1/2025	12/22/2039	7	5,469
Building Construction	1/1/2025	12/22/2039	7	5,469

Maximum Daily Construction Emissions

Maximum Daily Construction Emissions (Summer Season)

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

CalEEMod Run: Summer Date: 2/17/2022 4:40 PM

Construction Year		Maximum Pounds per Day					
		VOC	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Construction Year 2023	Total	267.76	205.70	513.19	1.61	168.22	54.96
Construction Year 2024	Total	262.10	171.11	468.59	1.54	146.80	43.36
Construction Year 2025	Total	33.62	119.35	342.07	1.24	115.57	32.44
Construction Year 2026	Total	31.89	117.14	324.26	1.21	115.54	32.41
Construction Year 2027	Total	30.32	115.15	309.00	1.18	115.51	32.39
Construction Year 2028	Total	28.92	113.52	296.30	1.15	115.49	32.36
Construction Year 2029	Total	27.58	112.08	285.26	1.13	115.46	32.34
Construction Year 2030	Total	26.26	96.86	275.41	1.12	114.55	31.53
Construction Year 2031	Total	25.07	96.20	269.51	1.10	114.52	31.49
Construction Year 2032	Total	23.99	95.23	262.33	1.08	114.49	31.47
Construction Year 2033	Total	23.02	94.40	256.17	1.07	114.48	31.45
Construction Year 2034	Total	22.14	93.65	250.63	1.06	114.46	31.44
Construction Year 2035	Total	21.02	89.37	245.66	1.05	114.26	31.24
Construction Year 2036	Total	21.02	89.37	245.66	1.05	114.26	31.24
Construction Year 2037	Total	21.02	89.37	245.66	1.05	114.26	31.24
Construction Year 2038	Total	21.02	89.37	245.66	1.05	114.26	31.24
Construction Year 2039	Total	21.02	89.37	245.66	1.05	114.26	31.24

Maximum Daily Construction Emissions (Winter Season)

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

CalEEMod Run: Winter Date: 2/17/2022 4:48 PM

Construction Year		Maximum Pounds per Day					
		VOC	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Construction Year 2023	Total	265.17	210.98	441.85	1.52	168.22	54.96
Construction Year 2024	Total	259.78	176.29	402.22	1.44	146.80	43.36
Construction Year 2025	Total	31.85	124.29	291.31	1.17	115.57	32.44
Construction Year 2026	Total	30.30	121.98	276.97	1.14	115.54	32.41
Construction Year 2027	Total	28.87	119.90	264.67	1.11	115.51	32.39
Construction Year 2028	Total	27.59	118.20	254.41	1.09	115.49	32.36
Construction Year 2029	Total	26.37	116.70	245.47	1.06	115.46	32.34
Construction Year 2030	Total	25.15	101.42	237.40	1.06	114.55	31.53
Construction Year 2031	Total	24.05	100.75	232.40	1.04	114.52	31.49
Construction Year 2032	Total	23.06	99.74	226.59	1.02	114.50	31.47
Construction Year 2033	Total	22.17	98.89	221.61	1.01	114.48	31.46
Construction Year 2034	Total	21.38	98.11	217.15	1.00	114.46	31.44
Construction Year 2035	Total	20.33	93.81	213.10	0.99	114.26	31.24
Construction Year 2036	Total	20.33	93.81	213.10	0.99	114.26	31.24
Construction Year 2037	Total	20.33	93.81	213.10	0.99	114.26	31.24
Construction Year 2038	Total	20.33	93.81	213.10	0.99	114.26	31.24
Construction Year 2039	Total	20.33	93.81	213.10	0.99	114.26	31.24

Maximum Daily Construction Emissions Between Summer and Winter

Construction Year		Maximum Pounds per Day					
		VOC	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Construction Year 2023	Total	267.76	210.98	513.19	1.61	168.22	54.96
Construction Year 2024	Total	262.10	176.29	468.59	1.54	146.80	43.36
Construction Year 2025	Total	33.62	124.29	342.07	1.24	115.57	32.44
Construction Year 2026	Total	31.89	121.98	324.26	1.21	115.54	32.41
Construction Year 2027	Total	30.32	119.90	309.00	1.18	115.51	32.39
Construction Year 2028	Total	28.92	118.20	296.30	1.15	115.49	32.36
Construction Year 2029	Total	27.58	116.70	285.26	1.13	115.46	32.34
Construction Year 2030	Total	26.26	101.42	275.41	1.12	114.55	31.53
Construction Year 2031	Total	25.07	100.75	269.51	1.10	114.52	31.49
Construction Year 2032	Total	23.99	99.74	262.33	1.08	114.50	31.47
Construction Year 2033	Total	23.02	98.89	256.17	1.07	114.48	31.46
Construction Year 2034	Total	22.14	98.11	250.63	1.06	114.46	31.44
Construction Year 2035	Total	21.02	93.81	245.66	1.05	114.26	31.24
Construction Year 2036	Total	21.02	93.81	245.66	1.05	114.26	31.24
Construction Year 2037	Total	21.02	93.81	245.66	1.05	114.26	31.24
Construction Year 2038	Total	21.02	93.81	245.66	1.05	114.26	31.24
Construction Year 2039	Total	21.02	93.81	245.66	1.05	114.26	31.24
Season		Summer	Winter	Summer	Summer	Both	Both

On-Site Construction Emissions (Localized Significance Thresholds)

Construction Emission Summary		Maximum Pounds per Day					
		VOC	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Daily Maximum On-Site Emissions (2023)		267.76	210.98	513.19	1.61	168.22	54.96
SCAQMD Construction LSTs SRA 24 - Perris Valley; 5-acre site, 25 meters from receptor		-	270	1,577	-	13	8
SCAQMD Construction LSTs SRA 25 - Lake Elsinor; 5-acre site, 25 meters from receptor		-	371	1,965	-	13	8
Emissions Exceed Threshold?		-	No	No	-	Yes	Yes

Notes: Considering that all "off-site" emissions generated during project construction would largely be generated within the Specific Plan area, all emissions, including both on-site and off-site construction emissions, from the CalEEMod construction emission estimates are included here and are analyzed against the SCAQMD's applicable construction Localized Significance Thresholds (LST).

PROJECT NAME: Highway 74 Specific Plan

Southern California Edison Electricity Emissions Factors

Year	lbs CO ₂ e/MWh
CalEEMod Default	702.00
Latest Calculated(2020)	558.30
2020-2029	546.58
2040	326.31

2020 Electricity Emissions Factor

Emissions Factors	t/kWh	Share of Portfolio	t/kWh	t/MWh	lbs/MWh
RPS sources	-	31%	-		
Natural Gas	0.000457	15%	0.00006945		
Nuclear	0.000002	8%	0.00000013		
Coal	0.001218	0%	-		
Large Hydroelectric	0.000086	3%	0.00000283		
Unspecified Sources	0.000427	42%	0.00018082		
Total	-	100%	0.00025324	0.25	558.30

Power Content Label

Sothern California Edison 2020	%	Source
RPS sources	31%	<i>California Energy Commission (CEC). Power Content Label 2020 SCE Power Mix. Website: https://www.energy.ca.gov/filebrowser/download/3902. Accessed February 3, 2022.</i>
Natural Gas	15%	
Nuclear	8%	
Coal	0%	
Large Hydroelectric	3%	
Unspecified Sources	42%	
Total	100%	

Natural Gas Facility Emissions Factor Calculation

Natural Gas Emissions Factor

	CO ₂	CH ₄	N ₂ O	CO ₂ e	Source
kg per mmBtu	53.06	-	-	-	<i>Environmental Protection Agency (EPA). 2018. Emission Factors for Greenhouse Gas Inventories. March 9. Website: https://www.epa.gov/sites/production/files/2018-03/documents/emission-factors_mar_2018_0.pdf. Accessed March 2, 2022.</i>
g per mmBtu	53,060	1.00	0.10	-	
t per mmBtu	0.05	0.00	0.00	-	Calculated
t CO ₂ e per mmBtu	0.05	0.00	0.00	0.05	Calculated
t CO ₂ e per GJ	-	-	-	0.06	Calculated

Heat Rates

Value	Units	Source	Notes
7,728	btu/kWh	California Energy Commission (CEC). 2020. <i>Thermal Efficiency of Natural Gas-Fired Generation in California: 2019 Update</i> . Website: https://www.energy.ca.gov/publications/2020/thermal-efficiency-natural-gas-fired-generation-california-2019-update-staff . Accessed March 2,	Table 1, State Average
0.00815347	GJ/kWh	Converted in Google: GJ per btu	

Natural Gas Facility Emissions Factor

Natural gas emissions factor	0.06	t CO ₂ e per GJ
Natural gas facility heat rate	0.00815347	GJ/kWh
Natural Gas Facility Emissions Factor	0.000456911	t CO ₂ e per kWh

Nuclear Emissions Factor

	Value	Units	Source
Nuclear GHG Emissions	0.40	gCO ₂ e/MJ	California Air Resource Board. 2018. <i>Detailed California-Modified GREET Pathway for California Average and Marginal Electricity</i> . Website: https://ww2.arb.ca.gov/sites/default/files/classic/fuels/lcfs/ca-greet/cagreet_supp_doc_clean.pdf . Accessed March 2, 2022.
Nuclear Emissions Factor	0.00000159	t/kWh	

Unspecified Electricity Source Emissions Factor Calculation

ARB California GHG Inventory Unspecified Electricity Emissions Factors

2014	CO ₂	CH ₄	N ₂ O	CO ₂ e	Units	Source
Pacific Northwest (PNW)	427	0.008117	0.00094388	427.4774042	g/kWh	California Air Resource Board. 2016. <i>Annex 1B. Electricity Production - Imports (IPCC 1A1a) to the Technical Support Document for California's 2000-2014 Greenhouse Gas Emission Inventory</i> . March 30. Website: https://www.arb.ca.gov/cc/inventory/doc/methods_00-14/annex_1b_electricity_production_imports.pdf . Accessed March 2, 2022.
Pacific Southwest (PSW)	427	0.008117	0.00094388	427.4774042	g/kWh	
PNW and PSW	-	-	-	0.000427477	t/kWh	

Other/Unspecified Emissions Factor

Unspecified Electricity Emissions Factor	0.000427	t CO ₂ e per kWh
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Coal Electricity Source Emissions Factor Calculation

ARB California GHG Inventory Specified Imports : Montana : Hardin Generating Project (MT) Electricity Emissions Factors

2014	CO ₂	CH ₄	N ₂ O	CO ₂ e	Units	Source
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Coal Electricity Source Emissions Factor Calculation	1212	0.0125	0.02	1217.65	g/kWh	California Air Resource Board. 2016. Annex 1B. Electricity Production - Imports (IPCC 1A1a) to the Technical Support Document for California's 2000-2014 Greenhouse Gas Emission Inventory. March 30. Website: https://www.arb.ca.gov/cc/inventory/doc/methods_00-14/annex_1b_electricity_production_imports.pdf . Accessed March 2, 2022.
Total	-	-	-	0.00121765	t/kWh	-

Note: The factors for NV station chosen as it has highest CO₂ emissions from coal generation for 2014.

Coal Emissions Factor

Unspecified Electricity Emissions Factor	0.001218 t CO ₂ e per kWh
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Large Hydroelectricity Source Emissions Factor Calculation

ARB California GHG Inventory Specified Imports : Pacific Northwest : Bonneville Power Administration (PNW) Electricity Emissions Factors

2012	CO ₂	CH ₄	N ₂ O	CO ₂ e	Units	Source
Hydroelectric Electricity Source Emissions Factor Calculation	85.8	0.0016	0.00018	85.8925	g/kWh	California Air Resource Board. 2016. Annex 1B. Electricity Production - Imports (IPCC 1A1a) to the Technical Support Document for California's 2000-2014 Greenhouse Gas Emission Inventory. March 30. Website: https://www.arb.ca.gov/cc/inventory/doc/methods_00-14/annex_1b_electricity_production_imports.pdf . Accessed March 2, 2022.
Total	-	-	-	0.00008589	t/kWh	-

Large Hydroelectric Emissions Factor

Unspecified Electricity Emissions Factor	0.000086 t CO ₂ e per kWh
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2020-2029 and 2040 Electricity Emissions Factors

Non-RPS Energy	Year	SCE RPS Position	Notes	Source
69.1%	Latest(2020)	30.9%		California Energy Commission (CEC). 2020 Power Content Label. Website: https://www.energy.ca.gov/filebrowser/download/3902 . Accessed February 3, 2022.
67.0%	2020-2029	33.0%		
40.0%	2040	60.0%		

Estimated Power Content Label Sources

SCE	Latest Power Content Label(SCE 2020)	2020-2029*	Share of Non-RPS in 2020-2029	2040	Source
RPS	31%	33.0%	-	60.0%	California Energy Commission (CEC). 2020 Power Content Label. Website: https://www.energy.ca.gov/filebrowser/download/3902 . Accessed February 3, 2022.
Natural Gas	15%	14.9%	22.2%	8.9%	
Nuclear	8%	8.2%	12.3%	4.9%	
Coal	0%	0%	0%	0%	

Large Hydroelectric	3%	3%	4.8%	1.9%
Unspecified Sources	42%	41.4%	61.8%	24.7%
Total	100%	101%	101%	100%
* Factors adjusted to comply with RPS, based on latest power content label.				

2020-2029					
Emissions Factors	t/kWh	Share of Portfolio	t/kWh	t/MWh	lbs/MWh
RPS	-	33.0%	-	-	-
Natural Gas	0.000457	14.9%	0.000068	-	-
Nuclear	0.000002	8.2%	0.000000	-	-
Coal	0.001218	0%	-	-	-
Large Hydroelectric	0.000086	3.2%	0.000003	-	-
Unspecified	0.000427	41.4%	0.000177	-	-
Total	-	101%	0.000248	0.25	546.58

2040					
Emissions Factors	t/kWh	Share of Portfolio	t/kWh	t/MWh	lbs/MWh
RPS	-	60.0%	-	-	-
Natural Gas	0.000457	8.9%	0.000041	-	-
Nuclear	0.000002	4.9%	0.000000	-	-
Coal	0.001218	0%	-	-	-
Large Hydroelectric	0.000086	1.9%	0.000002	-	-
Unspecified	0.000427	24.7%	0.000106	-	-
Total	-	100%	0.000148	0.15	326.31

CONVERSION FACTORS

Conversions

GJ	mmBtu
1	0.947817
g	kg
1	1,000
g	t
1	0.000001
lb	t
2,204.62	1
kW	MW
1	0.001

GWP Factors

CO ₂	1
CH ₄	28
N ₂ O	265

ABBREVIATIONS

RPS	Renewable Portfolio Standard
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Project Operational 2040 Emissions Summary

2040 Existing Operations - Summer and Winter Scenarios

Highway 74 - Existing Land Uses - Riverside-South Coast County, Summer

CalEEMod Run: Summer Date: 2/17/2022 5:02 PM

Emissions Source	Pounds per Day					
	VOC	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Area	213.42	83.58	466.09	0.52	8.76	8.76
Energy	3.11	26.74	12.24	0.17	2.15	2.15
Mobile	137.99	128.43	1,120.12	2.44	331.66	89.29
Net Daily Maximum	354.52	238.75	1,598.44	3.14	342.58	100.20

Note: All emission estimates are drawn from the "mitigated" CalEEMod results to account for the application of current SCAQMD regulations.

Highway 74 - Existing Land Uses - Riverside-South Coast County, Winter

CalEEMod Run: Winter Date: 2/17/2022 5:03 PM

Emissions Source	Pounds per Day					
	VOC	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Area	213.42	83.58	466.09	0.52	8.76	8.76
Energy	3.11	26.74	12.24	0.17	2.15	2.15
Mobile	111.45	137.40	1,033.28	2.27	331.66	89.29
Daily Maximum	327.98	247.72	1,511.60	2.97	342.58	100.20

Note: All emission estimates are drawn from the "mitigated" CalEEMod results to account for the application of current SCAQMD regulations.

2040 Proposed Operations - Summer and Winter Scenarios

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

CalEEMod Run: Summer Date: 2/17/2022 4:40 PM

Emissions Source	Pounds per Day					
	VOC	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Area	402.39	140.57	787.37	0.88	14.73	14.73
Energy	4.96	42.77	20.55	0.27	3.43	3.43
Mobile	752.33	921.12	6,734.30	14.91	1,474.88	401.25
<i>Existing Emissions</i>	<i>354.52</i>	<i>238.75</i>	<i>1,598.44</i>	<i>3.14</i>	<i>342.58</i>	<i>100.20</i>
Net Daily Maximum	805.17	865.70	5,943.78	12.93	1,150.46	319.21

Note: All emission estimates are drawn from the "mitigated" CalEEMod results to account for the application of current SCAQMD regulations.

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

CalEEMod Run: Winter Date: 2/17/2022 4:48 PM

Emissions Source	Pounds per Day					
	VOC	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Area	402.39	140.57	787.37	0.88	14.73	14.73
Energy	4.96	42.77	20.55	0.27	3.43	3.43
Mobile	633.39	976.06	6,001.25	13.84	1,474.89	401.26
<i>Existing Emissions</i>	<i>327.98</i>	<i>247.72</i>	<i>1,511.60</i>	<i>2.97</i>	<i>342.58</i>	<i>100.20</i>
Net Daily Maximum	712.77	911.67	5,297.57	12.03	1,150.47	319.22

Note: All emission estimates are drawn from the "mitigated" CalEEMod results to account for the application of current SCAQMD regulations.

Project Operational Emissions

2040 Operations - Maximum Daily Emissions

Maximum between Summer and Winter Scenarios

Emissions Source	Pounds per Day					
	VOC	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Area	402.39	140.57	787.37	0.88	14.73	14.73
Energy	4.96	42.77	20.55	0.27	3.43	3.43
Mobile	752.33	976.06	6,734.30	14.91	1,474.88	401.26
Daily Total	1,159.69	1,159.39	7,542.22	16.06	1,493.04	419.42
<i>Existing Emissions</i>	<i>354.52</i>	<i>247.72</i>	<i>1,598.44</i>	<i>3.14</i>	<i>342.58</i>	<i>100.20</i>
Net Daily	805.17	911.67	5,943.78	12.93	1,150.46	319.22
Significance Thresholds	55	55	550	150	150	55
Threshold Exceedence	Exceeds	Exceeds	Exceeds	Does Not Exceed	Exceeds	Exceeds

Notes: As all mobile trips are assumed to be generated within the Specific Plan area, all emission sources included above are considered to be "on-site" and are therefore analyzed against the SCAQMD's applicable operational Localized Significance Thresholds (LST) in addition to the SCAQMD's regional significance thresholds.

Project Operational 2040 Emissions Summary (Localized Significance Thresholds)

2040 Proposed Operations - Summer and Winter Scenarios

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Summer

CalEEMod Run: Summer Date: 2/18/2022 11:26 AM

Emissions Source	Pounds per Day					
	VOC	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Area	402.39	140.57	787.37	0.88	14.73	14.73
Energy	4.96	42.77	20.55	0.27	3.43	3.43
Mobile	752.33	921.12	6,734.30	14.91	1,474.88	401.25
Net Daily Maximum	1,159.69	1,104.45	7,542.22	16.06	1,493.04	419.41

Note: All emission estimates are drawn from the "mitigated" CalEEMod results to account for the application of current SCAQMD regulations.

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Winter

CalEEMod Run: Winter Date: 2/18/2022 11:28 AM

Emissions Source	Pounds per Day					
	VOC	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Area	402.39	140.57	787.37	0.88	14.73	14.73
Energy	4.96	42.77	20.55	0.27	3.43	3.43
Mobile	633.39	976.06	6,001.25	13.84	1,474.89	401.26
Net Daily Maximum	1,040.75	1,159.39	6,809.17	15.00	1,493.04	419.42

Note: All emission estimates are drawn from the "mitigated" CalEEMod results to account for the application of current SCAQMD regulations.

Project Localized Operational and Construction Emissions

2023 Operations and Construction - Maximum Daily Emissions

Maximum between Summer and Winter Scenarios

Emissions Source	Pounds per Day					
	VOC	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Area	402.39	140.57	787.37	0.88	14.73	14.73
Energy	4.96	42.77	20.55	0.27	3.43	3.43
Mobile	752.33	976.06	6,734.30	14.91	1,474.89	401.26
Maximum Daily Operational Total	1,159.69	1,159.39	7,542.22	16.06	1,493.04	419.42
<i>Maximum Daily Construction Total</i>	<i>267.76</i>	<i>210.98</i>	<i>513.19</i>	<i>1.61</i>	<i>168.22</i>	<i>54.96</i>
Maximum Daily (Operational + Construction)	1,427.45	1,370.37	8,055.41	17.68	1,661.27	474.38
SCAQMD Operational LSTs SRA 24 - Perris Valley; 5-acre site, 25 meters from receptor	-	270	1,700	-	4	2
SCAQMD Operational LSTs SRA 25 - Lake Elsinor; 5-acre site, 25 meters from receptor	-	270	1,577	-	4	2
Threshold Exceedence	-	Exceeds	Exceeds	-	Exceeds	Exceeds

Notes: As all mobile trips are assumed to be generated within the Specific Plan area, all emission sources included above are considered to be "on-site" and are therefore analyzed against the SCAQMD's applicable operational Localized Significance Thresholds (LST) in combination with the maximum daily construction emissions, which would occur in 2023.

Project GHG Emissions Summary

Construction GHG Emissions

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Annual

CalEEMod Run: Annual Date: 2/18/2022 9:41 AM

Construction Year	CO ₂ e
	Metric Tons per Year
2023	26,170
2024	22,457
2025	20,487
2026	19,967
2027	19,483
2028	19,098
2029	18,651
2030	18,452
2031	18,150
2032	17,920
2033	17,626
2034	17,408
2035	17,217
2036	17,264
2037	17,217
2038	17,217
2039	16,792
Total	321,576

Operational GHG Emissions

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Annual

CalEEMod Run: Annual Date: 2/18/2022 9:41 AM

Emissions Source	CO ₂ e
	Metric Tons per Year
Area	2,989
Residential Energy - Electricity	7,248
Residential Energy - Gas	7,885
Nonresidential Energy - Electricity	13,862
Nonresidential Energy - Gas	1,134
Mobile	198,659
Waste	7,838
Water	7,927
Total	247,543

Hwy 74 Specific Plan Construction Assumptions

Summary of Energy Use During Construction

Construction vehicle fuel	35,092,800 gallons (gasoline, diesel)
Construction equipment fuel	2,072,623 gallons (diesel)
Total construction fuel	37,165,423 gallons (gasoline, diesel)
Construction office electricity	112,377 kilowatt hours

Summary of Energy Use During Operations

(Annually)

Operation vehicle fuel	7,910,258 gallons (gasoline, diesel)
Operation natural gas	168,028,120 kilo-British Thermal Units
Operation electricity	13,716,394 kilowatt hours

Construction Vehicle Fuel Calculations

California Air Resource Board (ARB). 2022. EMFAC2017 Web Database. Website: <https://www.arb.ca.gov/emfac/2017/>.

VMT = Vehicle Miles Traveled

FE = Fuel Economy

Source: EMFAC2017 (v1.0.3) Emissions Inventory

Region Type: County

Region: Riverside

Calendar Year: 2023

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	CalYr	VehClass	MdYr	Speed	Fuel	Population	VMT (mi/day)	Trips	Fuel_Consumption (1000 gallons/day)	Calculations	
										FE (mi/gallon)	VMT*FE
RIVERSIDE	2023	HHDT	Aggregate	Aggregate	Gasoline	7.0882139	706.002724	141.821	0.159011	4.439959936	3134.623809
RIVERSIDE	2023	HHDT	Aggregate	Aggregate	Diesel	28234.192	3983728.886	323898.9	532.8663	7.476038172	29782509.21
RIVERSIDE	2023	LDA	Aggregate	Aggregate	Gasoline	794639.2	30779832.27	3761834	939.6757	32.75580249	1008218107
RIVERSIDE	2023	LDA	Aggregate	Aggregate	Diesel	7815.5198	317502.0366	37384.43	5.939244	53.4583289	16973128.3
RIVERSIDE	2023	LDT1	Aggregate	Aggregate	Gasoline	84985.277	3138138.903	388774.6	113.0505	27.75873169	87110755.82
RIVERSIDE	2023	LDT1	Aggregate	Aggregate	Diesel	36.357124	808.0659384	119.4621	0.030757	26.2729478	21230.27421
RIVERSIDE	2023	LDT2	Aggregate	Aggregate	Gasoline	259439.04	9916616.973	1215740	376.5423	26.33599648	261163989.7
RIVERSIDE	2023	LDT2	Aggregate	Aggregate	Diesel	1634.2096	70613.82663	8049.622	1.761555	40.08607875	2830631.416
RIVERSIDE	2023	LHDT1	Aggregate	Aggregate	Gasoline	20379.4	669594.6702	303622.7	61.48192	10.8909207	7292502.452
RIVERSIDE	2023	LHDT1	Aggregate	Aggregate	Diesel	20310.557	686783.4285	255481.3	32.25425	21.29280733	14623547.22
RIVERSIDE	2023	LHDT2	Aggregate	Aggregate	Gasoline	3277.0154	106175.6322	48822.65	11.18654	9.491373871	1007752.621
RIVERSIDE	2023	LHDT2	Aggregate	Aggregate	Diesel	7906.7876	266138.039	99457.44	13.64608	19.50289389	5190461.933
RIVERSIDE	2023	MHDT	Aggregate	Aggregate	Gasoline	2097.2926	111900.5641	41962.63	21.15571	5.289378672	591884.4573
RIVERSIDE	2023	MHDT	Aggregate	Aggregate	Diesel	15231.085	986207.6701	146001.3	84.91624	11.61388828	11453705.7

Worker	
Sum of VMT*FE (Column BI)	1376317842
Total VMT	44223512.08
Weighted Average FE	31.12185753
Vendor	
Sum of VMT*FE (Column BI)	69945498.22
Total VMT	6811234.892
Weighted Average FE	10.26913612
Haul	
Sum of VMT*FE (Column BI)	29785643.84
Total VMT	3984434.888
Weighted Average FE	7.475500209

Hwy 74 Specific Plan Construction Assumptions

CalEEMod output file: Highway 74 - Proposed Specific Plan, Riverside-South Coast County, Annual

Time stamp: Date: 2/18/2022 9:41 AM

Construction Schedule	Phase Name	Phase Type	Start Date	End Date	Num Days	
					Week	Num Days
1	Demolition	Demolition	1/1/2023	12/22/2039	7	6200
2	Site Preparation	Site Preparation	1/1/2023	8/28/2023	7	240
3	Grading	Grading	1/1/2023	9/11/2024	7	620
4	Building Construction	Building Construction	1/1/2023	12/22/2039	7	6200
5	Paving	Paving	1/1/2023	3/15/2024	7	440
6	Architectural Coating	Architectural Coating	1/1/2023	3/15/2024	7	440

Trips and VMT	Phase Name	Trips per Day			Total Trips				Trips per Phase				VMT per Phase			Fuel Consumption (gallons)		
		Vendor Trip		Hauling Trip	Worker Trip	Vendor	Hauling Trip	Num	Worker Trip	Vendor Trip	Hauling Trip	Vendor	Hauling	Worker Trips	Vendor Trips	Hauling		
		Number	Number	Number	Length	Trip Length	Length	Days	Number	Number	Number	Number	Worker Trips	Trips	Trips	Worker Trips	Vendor Trips	Trips
0		15	0	40,660	14.7	6.9	20 HDT_Mix	0	0	0	40,660	0	0	813,200	0.00	0.00	5,439.10	
0		18	0	0	14.7	6.9	20 HDT_Mix	0	0	0	0	0	0	0	0.00	0.00	0.00	
0		20	0	0	14.7	6.9	20 HDT_Mix	0	0	0	0	0	0	0	0.00	0.00	0.00	
0		8,708	2,201	0	14.7	6.9	20 HDT_Mix	0	0	0	0	0	0	0	0.00	0.00	0.00	
0		15	0	0	14.7	6.9	20 HDT_Mix	0	0	0	0	0	0	0	0.00	0.00	0.00	
0		1,742	0	0	14.7	6.9	20 HDT_Mix	0	0	0	0	0	0	0	0.00	0.00	0.00	

Total Construction VMT (miles)
813,200

Total Fuel Consumption (gallons)
5,439

Construction Equipment Fuel Calculation

Source: AQ/GHG Appendix, CalEEMod Output
Highway 74 Specific Plan

CalEEMod output file: Highway 74 - Proposed Specific Plan, Riverside-South Coast County, Annual
Time stamp: Date: 2/18/2022 9:41 AM

Construction Schedule	Phase Name	Phase Type	Start Date	End Date	Week	Num Days
1	Demolition	Demolition	1/1/2023	12/22/2039	7	6200
2	Site Preparation	Site Preparation	1/1/2023	8/28/2023	7	240
3	Grading	Grading	1/1/2023	9/11/2024	7	620
4	Building Construction	Building Construction	1/1/2023	12/22/2039	7	6200
5	Paving	Paving	1/1/2023	3/15/2024	7	440
6	Architectural Coating	Architectural Coating	1/1/2023	3/15/2024	7	440

Construction Equipment	Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor	Number of Days	HP Hours	Diesel Fuel Usage
	Demolition	Concrete/Industrial Saws	1	8	81	0.73	6200	2,932,848.00	146,642.40
	Demolition	Excavators	3	8	158	0.38	6200	8,933,952.00	446,697.60
	Demolition	Rubber Tired Dozers	2	8	247	0.4	6200	9,800,960.00	490,048.00
	Site Preparation	Rubber Tired Dozers	3	8	247	0.4	240	569,088.00	28,454.40
	Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37	240	275,635.20	13,781.76
	Grading	Excavators	2	8	158	0.38	620	595,596.80	29,779.84
	Grading	Graders	1	8	187	0.41	620	380,283.20	19,014.16
	Grading	Rubber Tired Dozers	1	8	247	0.4	620	490,048.00	24,502.40
	Grading	Scrapers	2	8	367	0.48	620	1,747,507.20	87,375.36
	Grading	Tractors/Loaders/Backhoes	2	8	97	0.37	620	356,028.80	17,801.44
	Building Construction	Cranes	1	7	231	0.29	6200	2,907,366.00	145,368.30
	Building Construction	Forklifts	3	8	89	0.2	6200	2,648,640.00	132,432.00
	Building Construction	Generator Sets	1	8	84	0.74	6200	3,083,136.00	154,156.80
	Building Construction	Tractors/Loaders/Backhoes	3	7	97	0.37	6200	4,672,878.00	233,643.90
	Building Construction	Welders	1	8	46	0.45	6200	1,026,720.00	51,336.00
	Paving	Pavers	2	8	130	0.42	440	384,384.00	19,219.20
	Paving	Paving Equipment	2	8	132	0.36	440	334,540.80	16,727.04
	Paving	Rollers	2	8	80	0.38	440	214,016.00	10,700.80
	Architectural Coating	Air Compressors	1	6	78	0.48	440	98,841.60	4,942.08

Construction Equipment Fuel Consumption 2,072,623.48 gallons

Notes:

Equipment assumptions are provided in the CalEEMod output files.

Fuel usage estimate of 0.05 gallons of diesel fuel per horsepower-hour is from the SCAQMD CEQA Air Quality Handbook, Table A9-3E.

South Coast Air Quality Management District. 1993. Air Quality Handbook, Table A9-3E.

Website: <http://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook>. Accessed January 3, 2022.

Construction Office Electricity Calculation

Energy Appendix: CalEEMod Typical Construction Trailer

Typical Construction Trailer - Riverside County, Annual

Date: 2/18/2022 3:34 PM

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use		Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	tons/yr	MT/yr			
General Office Building	6616.8		1.1735	1.0000e-004	1.0000e-005	1.1795
Total			1.1735	1.0000e-004	1.0000e-005	1.1795

kWh/yr = kilowatt hours per year

Energy by Land Use - Electricity

Annual

6,617 kWh/yr

Total Over Construction

112,377 kWh

Total Construction Schedule

Start

1/1/2023

End

12/22/2039

Total Calendar Days

6199

Years

16.98

Proposed Operation Fuel Calculation

California Air Resource Board (ARB). 2022. EMFAC2017 Web Database. Website: <https://www.arb.ca.gov/emfac/2017/>.

EMFAC2017 (v1.0.2) Emissions Inventory

VMT = Vehicle Miles Traveled

Region Type: County

FE = Fuel Economy

Region: RIVERSIDE

Calendar Year: 2040

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption. Note 'day' in the unit is operation day.

Given								Calculations		
Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population	VMT	Fuel Consumption	FE	VMT*FE
RIVERSIDE	2040	HHDT	Aggregate	Aggregate	Gasoline	13.4955351	1502.95694	0.269252536	5.58196	8389.445785
RIVERSIDE	2040	HHDT	Aggregate	Aggregate	Diesel	33740.3646	5125739.99	518.0799098	9.893725	50712660.31
RIVERSIDE	2040	LDA	Aggregate	Aggregate	Gasoline	1108066.28	36538843.1	857.4368913	42.61403	1557067427
RIVERSIDE	2040	LDA	Aggregate	Aggregate	Diesel	13559.5635	452844.91	6.695002586	67.63924	30630087.07
RIVERSIDE	2040	LDT1	Aggregate	Aggregate	Gasoline	124317.605	3991479.59	109.6988921	36.38578	145233092.1
RIVERSIDE	2040	LDT1	Aggregate	Aggregate	Diesel	16.4950165	540.948187	0.015261526	35.44522	19174.02939
RIVERSIDE	2040	LDT2	Aggregate	Aggregate	Gasoline	367885.395	12076450.3	327.7625097	36.84512	444958309.9
RIVERSIDE	2040	LDT2	Aggregate	Aggregate	Diesel	3673.24758	122980.112	2.421073524	50.79569	6246860.262
RIVERSIDE	2040	LHDT1	Aggregate	Aggregate	Gasoline	22405.1162	688032.677	52.18104458	13.18549	9072048.452
RIVERSIDE	2040	LHDT1	Aggregate	Aggregate	Diesel	23560.0154	710299.834	27.01975832	26.28816	18672478.44
RIVERSIDE	2040	LHDT2	Aggregate	Aggregate	Gasoline	3550.37349	106473.375	9.286157178	11.46582	1220804.193
RIVERSIDE	2040	LHDT2	Aggregate	Aggregate	Diesel	9795.87525	281664.486	11.81368297	23.84222	6715508.027
RIVERSIDE	2040	MCY	Aggregate	Aggregate	Gasoline	47247.186	292741.854	7.734452645	37.84907	11080007.49
RIVERSIDE	2040	MDV	Aggregate	Aggregate	Gasoline	246415.858	7829871.32	259.4155538	30.18274	236326943.3
RIVERSIDE	2040	MDV	Aggregate	Aggregate	Diesel	8556.49655	279529.095	7.199653465	38.82535	10852816.11
RIVERSIDE	2040	MH	Aggregate	Aggregate	Gasoline	4023.88514	34354.5881	5.317013129	6.461257	221973.8211
RIVERSIDE	2040	MH	Aggregate	Aggregate	Diesel	2286.70808	16374.3488	1.268213606	12.91135	211414.936
RIVERSIDE	2040	MHDT	Aggregate	Aggregate	Gasoline	3502.92858	164277.729	25.60119697	6.416799	1054137.122
RIVERSIDE	2040	MHDT	Aggregate	Aggregate	Diesel	19856.1096	1135629.24	79.76636728	14.23694	16167888.93
RIVERSIDE	2040	OBUS	Aggregate	Aggregate	Gasoline	675.155661	26159.4761	4.059856536	6.443448	168557.2338
RIVERSIDE	2040	OBUS	Aggregate	Aggregate	Diesel	572.896073	36818.7726	3.182908232	11.56765	425906.7236
RIVERSIDE	2040	SBUS	Aggregate	Aggregate	Gasoline	593.063228	22007.4671	2.097814649	10.49066	230872.9271
RIVERSIDE	2040	SBUS	Aggregate	Aggregate	Diesel	1439.54404	45936.4138	4.580845072	10.02793	460647.3431
RIVERSIDE	2040	UBUS	Aggregate	Aggregate	Gasoline	181.921075	25613.5425	3.292408178	7.779577	199262.5225
RIVERSIDE	2040	UBUS	Aggregate	Aggregate	Diesel	0	0	0	-	-
									Vehicles	
									Sum of VMT*FE	2,547,957,268
									Total VMT	70,006,166
									Weighted Average FE	36.39618349 miles/gallon

Total VMT

Source: AQ/GHG Appendix, CalEEMod Output

Highway 74 - Proposed Specific Plan, Riverside-South Coast County, Annual

Date: 2/18/2022 9:41 AM

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	57,549.84	63,996.68	49373.36	80,095,490	80,095,490
City Park	3.34	8.39	9.37	6,880	6,880
Government (Civic Center)	19,183.07	0.00	0.00	19,152,376	19,152,376
Industrial Park	7,494.98	5,649.04	2757.80	9,161,666	9,161,666
Office Park	20,334.48	3,012.52	1396.04	21,182,249	21,182,249
Regional Shopping Center	107,396.49	131,208.63	60028.23	145,410,828	145,410,828
Single Family Housing	9,336.16	9,435.06	8455.95	12,893,699	12,893,699
Total	221,298.36	213,310.31	122,020.76	287,903,188	287,903,188

(miles) Consumption
 Total VMT 287,903,188 **7,910,258** gallons per year

Operation Natural Gas Use

Source: AQ/GHG Appendix, CalEEMod Output

Highway 74 - Proposed Specific Plan, Riverside-South Coast County, Annual

Date: 2/18/2022 9:41 AM

Land Use	Natural Gas Use	
Apartments Low Rise	1.19E+08	kBTU/yr
City Park	0	kBTU/yr
Government (Civic Center)	1.94E+06	kBTU/yr
Industrial Park	7,628,440	kBTU/yr
Office Park	5,308,640	kBTU/yr
Regional Shopping Center	6,258,870	kBTU/yr
Single Family Housing	27,975,800	kBTU/yr
Total	168,028,120	kBTU/yr

kBTU/yr = kilo-British Thermal Units/year

Land Use	Natural Gas Use kBTU/yr]
Apartments Low Rise	1.1892e+008
City Park	0
Government (Civic Center)	1.93637e+006
Industrial Park	7.62844e+006
Office Park	5.30864e+006
Regional Shopping Center	6.25887e+006
Single Family Housing	2.79758e+007
Total	

Operation Electricity Use

Source: AQ/GHG Appendix, CalEEMod Output

Highway 74 - Proposed Specific Plan, Riverside-South Coast County, Annual

Date: 2/18/2022 9:41 AM

Project Electricity Use

Land Use	Electricity Use
Apartments Mid Rise	510,369 kWh/yr
Automobile Care Center	1,150,960 kWh/yr
Enclosed Parking with Elevator	3,590,400 kWh/yr
General Office Building	696,175 kWh/yr
Hotel	7,768,490 kWh/yr
Total	13,716,394 kWh/yr

kWh/yr = kilowatt-hours per year

	Electricity Use
Land Use	kWh/yr
Apartments Mid Rise	510369
Automobile Care Center	1.15096e+006
Enclosed Parking with Elevator	3.5904e+006
General Office Building	696175
Hotel	7.76849e+006
User Defined Industrial	0
Total	

Highway 74 - Existing Land Uses - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Highway 74 - Existing Land Uses

Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	330.69	1000sqft	33.74	330,686.00	0
Industrial Park	1,483.13	1000sqft	112.00	1,483,130.00	0
City Park	39.52	Acre	39.52	1,721,491.20	0
Apartments Low Rise	3,892.00	Dwelling Unit	159.46	3,892,000.00	12455
Single Family Housing	1,372.00	Dwelling Unit	1,757.13	2,469,600.00	4390
Regional Shopping Center	763.79	1000sqft	114.76	763,789.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2040
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Note 1
- Construction Phase - Note 2
- Off-road Equipment - No construction for existing land uses
- Demolition - Note 3
- Grading -
- Architectural Grading - Note 5

Highway 74 - Existing Land Uses - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Vehicle Trips - Note 4

Woodstoves -

Area Coating -

Construction Off-road Equipment Mitigation - Note 5

Area Mitigation - Note 5

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	6,000.00	0.00
tblLandUse	LandUseSquareFeet	330,690.00	330,686.00
tblLandUse	LandUseSquareFeet	763,790.00	763,789.00
tblLandUse	LotAcreage	7.59	33.74
tblLandUse	LotAcreage	34.05	112.00
tblLandUse	LotAcreage	243.25	159.46
tblLandUse	LotAcreage	445.45	1,757.13
tblLandUse	LotAcreage	17.53	114.76
tblLandUse	Population	11,131.00	12,455.00
tblLandUse	Population	3,924.00	4,390.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblVehicleTrips	CC_TL	8.40	4.85
tblVehicleTrips	CC_TL	8.40	4.85
tblVehicleTrips	CC_TL	8.40	4.85
tblVehicleTrips	CC_TL	8.40	4.85
tblVehicleTrips	CNW_TL	6.90	4.85
tblVehicleTrips	CNW_TL	6.90	4.85

Highway 74 - Existing Land Uses - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tbIVehicleTrips	CNW_TL	6.90	4.85
tbIVehicleTrips	CNW_TL	6.90	4.85
tbIVehicleTrips	CW_TL	16.60	4.85
tbIVehicleTrips	CW_TL	16.60	4.85
tbIVehicleTrips	CW_TL	16.60	4.85
tbIVehicleTrips	CW_TL	16.60	4.85
tbIVehicleTrips	DV_TP	11.00	0.00
tbIVehicleTrips	DV_TP	28.00	0.00
tbIVehicleTrips	DV_TP	19.00	0.00
tbIVehicleTrips	DV_TP	15.00	0.00
tbIVehicleTrips	DV_TP	35.00	0.00
tbIVehicleTrips	DV_TP	11.00	0.00
tbIVehicleTrips	HO_TL	8.70	4.85
tbIVehicleTrips	HO_TL	8.70	4.85
tbIVehicleTrips	HS_TL	5.90	4.85
tbIVehicleTrips	HS_TL	5.90	4.85
tbIVehicleTrips	HW_TL	14.70	4.85
tbIVehicleTrips	HW_TL	14.70	4.85
tbIVehicleTrips	PB_TP	3.00	0.00
tbIVehicleTrips	PB_TP	6.00	0.00
tbIVehicleTrips	PB_TP	2.00	0.00
tbIVehicleTrips	PB_TP	3.00	0.00
tbIVehicleTrips	PB_TP	11.00	0.00
tbIVehicleTrips	PB_TP	3.00	0.00
tbIVehicleTrips	PR_TP	86.00	100.00
tbIVehicleTrips	PR_TP	66.00	100.00
tbIVehicleTrips	PR_TP	79.00	100.00
tbIVehicleTrips	PR_TP	82.00	100.00

Highway 74 - Existing Land Uses - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tbVehicleTrips	PR_TP	54.00	100.00
tbVehicleTrips	PR_TP	86.00	100.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Highway 74 - Existing Land Uses - Riverside-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
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1,586.8511	114.2123	3,109.6613	6.8523		404.5174	404.5174		404.5174	404.5174	49,307.4585	95,534.5521	144,842.0105	147.7902	3.3466	149,534.0634
Energy	3.1142	26.7371	12.2373	0.1699		2.1517	2.1517		2.1517	2.1517		33,973.5303	33,973.5303	0.6512	0.6229	34,175.4180
Mobile	137.9883	128.4345	1,120.1157	2.4434	330.3257	1.3364	331.6621	88.0310	1.2543	89.2853		249,044.7313	249,044.7313	12.9495	12.3767	253,056.7345
Total	1,727.9536	269.3839	4,242.0142	9.4656	330.3257	408.0054	738.3311	88.0310	407.9234	495.9544	49,307.4585	378,552.8136	427,860.2721	161.3908	16.3462	436,766.2158

Highway 74 - Existing Land Uses - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	213.4169	83.5816	466.0863	0.5246		8.7633	8.7633		8.7633	8.7633	0.0000	101,108.1991	101,108.1991	2.6687	1.8393	101,723.0291
Energy	3.1142	26.7371	12.2373	0.1699		2.1517	2.1517		2.1517	2.1517		33,973.5303	33,973.5303	0.6512	0.6229	34,175.4180
Mobile	137.9883	128.4345	1,120.1157	2.4434	330.3257	1.3364	331.6621	88.0310	1.2543	89.2853		249,044.7313	249,044.7313	12.9495	12.3767	253,056.7345
Total	354.5194	238.7531	1,598.4392	3.1379	330.3257	12.2513	342.5770	88.0310	12.1692	100.2003	0.0000	384,126.4607	384,126.4607	16.2694	14.8389	388,955.1816

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	79.48	11.37	62.32	66.85	0.00	97.00	53.60	0.00	97.02	79.80	100.00	-1.47	10.22	89.92	9.22	10.95

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	No Construction	Site Preparation	2/17/2022	2/16/2022	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0 Appendix C

Highway 74 - Existing Land Uses - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
No Construction	Rubber Tired Dozers	0	8.00	247	0.40
No Construction	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
No Construction	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 No Construction - 2022

Unmitigated Construction On-Site

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

Highway 74 - Existing Land Uses - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Unmitigated Construction Off-Site

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

Highway 74 - Existing Land Uses - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	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 Off-Site

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

Highway 74 - Existing Land Uses - Riverside-South Coast County, Summer

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	lb/day										lb/day					
Mitigated	137.9883	128.4345	1,120.1157	2.4434	330.3257	1.3364	331.6621	88.0310	1.2543	89.2853		249,044.7313	249,044.7313	12.9495	12.3767	253,056.7345
Unmitigated	137.9883	128.4345	1,120.1157	2.4434	330.3257	1.3364	331.6621	88.0310	1.2543	89.2853		249,044.7313	249,044.7313	12.9495	12.3767	253,056.7345

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	28,489.44	31,680.88	24,441.76	50,079,314	50,079,314
City Park	30.83	77.46	86.55	80,234	80,234
Industrial Park	4,998.15	3,767.15	1,839.08	7,716,556	7,716,556
Office Park	3,660.74	542.33	251.32	4,816,351	4,816,351
Regional Shopping Center	28,833.07	35,225.99	16,115.97	49,306,948	49,306,948
Single Family Housing	12,951.68	13,088.88	11,730.60	22,591,541	22,591,541
Total	78,963.90	84,382.70	54,465.28	134,590,944	134,590,944

4.3 Trip Type Information

Appendix C Land Use	Miles			Trip %			Trip Purpose %		
	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

Highway 74 - Existing Land Uses - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Apartments Low Rise	4.85	4.85	4.85	40.20	19.20	40.60	100	0	0
City Park	4.85	4.85	4.85	33.00	48.00	19.00	100	0	0
Industrial Park	4.85	4.85	4.85	59.00	28.00	13.00	100	0	0
Office Park	4.85	4.85	4.85	33.00	48.00	19.00	100	0	0
Regional Shopping Center	4.85	4.85	4.85	16.30	64.70	19.00	100	0	0
Single Family Housing	4.85	4.85	4.85	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 Low Rise	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
City Park	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Industrial Park	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Office Park	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Regional Shopping Center	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Single Family Housing	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	3.1142	26.7371	12.2373	0.1699		2.1517	2.1517		2.1517	2.1517		33,973.5303	33,973.5303	0.6512	0.6229	34,175.4180
	Appendix C															

Highway 74 - Existing Land Uses - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

NaturalGas Unmitigated	3.1142	26.7371	12.2373	0.1699		2.1517	2.1517		2.1517	2.1517		33,973.5303	33,973.5303	0.6512	0.6229	34,175.4180
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Highway 74 - Existing Land Uses - Riverside-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 Low Rise	161288	1.7394	14.8638	6.3250	0.0949		1.2018	1.2018		1.2018	1.2018		18,975.0336	18,975.0336	0.3637	0.3479	19,087.7927
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
Industrial Park	13937.4	0.1503	1.3664	1.1478	8.2000e-003		0.1039	0.1039		0.1039	0.1039		1,639.6893	1,639.6893	0.0314	0.0301	1,649.4331
Office Park	2618.31	0.0282	0.2567	0.2156	1.5400e-003		0.0195	0.0195		0.0195	0.0195		308.0363	308.0363	5.9000e-003	5.6500e-003	309.8668
Regional Shopping Center	4603.66	0.0497	0.4513	0.3791	2.7100e-003		0.0343	0.0343		0.0343	0.0343		541.6070	541.6070	0.0104	9.9300e-003	544.8255
Single Family Housing	106328	1.1467	9.7989	4.1697	0.0626		0.7923	0.7923		0.7923	0.7923		12,509.1641	12,509.1641	0.2398	0.2293	12,583.4998
Total		3.1142	26.7371	12.2373	0.1699		2.1517	2.1517		2.1517	2.1517		33,973.5303	33,973.5303	0.6512	0.6229	34,175.4180

Highway 74 - Existing Land Uses - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated**

	Natural Gas 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 Low Rise	161.288	1.7394	14.8638	6.3250	0.0949		1.2018	1.2018		1.2018	1.2018		18,975.0336	18,975.0336	0.3637	0.3479	19,087.7927
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
Industrial Park	13.9374	0.1503	1.3664	1.1478	8.2000e-003		0.1039	0.1039		0.1039	0.1039		1,639.6893	1,639.6893	0.0314	0.0301	1,649.4331
Office Park	2.61831	0.0282	0.2567	0.2156	1.5400e-003		0.0195	0.0195		0.0195	0.0195		308.0363	308.0363	5.9000e-003	5.6500e-003	309.8668
Regional Shopping Center	4.60366	0.0497	0.4513	0.3791	2.7100e-003		0.0343	0.0343		0.0343	0.0343		541.6070	541.6070	0.0104	9.9300e-003	544.8255
Single Family Housing	106.328	1.1467	9.7989	4.1697	0.0626		0.7923	0.7923		0.7923	0.7923		12,509.1641	12,509.1641	0.2398	0.2293	12,583.4998
Total		3.1142	26.7371	12.2373	0.1699		2.1517	2.1517		2.1517	2.1517		33,973.5303	33,973.5303	0.6512	0.6229	34,175.4180

6.0 Area Detail**6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

Highway 74 - Existing Land Uses - Riverside-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	213.4169	83.5816	466.0863	0.5246		8.7633	8.7633		8.7633	8.7633	0.0000	101,108.1991	101,108.1991	2.6687	1.8393	101,723.0291
Unmitigated	1,586.8511	114.2123	3,109.6613	6.8523		404.5174	404.5174		404.5174	404.5174	49,307.4585	95,534.5521	144,842.0105	147.7902	3.3466	149,534.0634

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	17.4522					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	177.0850					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1,379.3575	109.2192	2,677.0169	6.8293		402.1081	402.1081		402.1081	402.1081	49,307.4585	94,752.0000	144,059.4585	147.0444	3.3466	148,732.8665
Landscaping	12.9564	4.9932	432.6444	0.0230		2.4093	2.4093		2.4093	2.4093		782.5521	782.5521	0.7458		801.1969
Total	1,586.8511	114.2123	3,109.6613	6.8523		404.5174	404.5174		404.5174	404.5174	49,307.4585	95,534.5521	144,842.0105	147.7902	3.3466	149,534.0634

Highway 74 - Existing Land Uses - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	14.1790					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	177.0850					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	9.1965	78.5884	33.4419	0.5016		6.3540	6.3540		6.3540	6.3540	0.0000	100,325.6471	100,325.6471	1.9229	1.8393	100,921.8322
Landscaping	12.9564	4.9932	432.6444	0.0230		2.4093	2.4093		2.4093	2.4093		782.5521	782.5521	0.7458		801.1969
Total	213.4169	83.5816	466.0863	0.5246		8.7633	8.7633		8.7633	8.7633	0.0000	101,108.1991	101,108.1991	2.6687	1.8393	101,723.0291

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Highway 74 - Existing Land Uses - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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11.0 Vegetation

Highway 74 - Existing Land Uses - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Highway 74 - Existing Land Uses

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	330.69	1000sqft	33.74	330,686.00	0
Industrial Park	1,483.13	1000sqft	112.00	1,483,130.00	0
City Park	39.52	Acre	39.52	1,721,491.20	0
Apartments Low Rise	3,892.00	Dwelling Unit	159.46	3,892,000.00	12455
Single Family Housing	1,372.00	Dwelling Unit	1,757.13	2,469,600.00	4390
Regional Shopping Center	763.79	1000sqft	114.76	763,789.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			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 -
- Land Use - Note 1
- Construction Phase - Note 2
- Off-road Equipment - No construction for existing land uses
- Demolition - Note 3
- Grading -
- Architectural Coating - Note 5

Highway 74 - Existing Land Uses - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Vehicle Trips - Note 4

Woodstoves -

Area Coating -

Construction Off-road Equipment Mitigation - Note 5

Area Mitigation - Note 5

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	6,000.00	0.00
tblLandUse	LandUseSquareFeet	330,690.00	330,686.00
tblLandUse	LandUseSquareFeet	763,790.00	763,789.00
tblLandUse	LotAcreage	7.59	33.74
tblLandUse	LotAcreage	34.05	112.00
tblLandUse	LotAcreage	243.25	159.46
tblLandUse	LotAcreage	445.45	1,757.13
tblLandUse	LotAcreage	17.53	114.76
tblLandUse	Population	11,131.00	12,455.00
tblLandUse	Population	3,924.00	4,390.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblVehicleTrips	CC_TL	8.40	4.85
tblVehicleTrips	CC_TL	8.40	4.85
tblVehicleTrips	CC_TL	8.40	4.85
tblVehicleTrips	CC_TL	8.40	4.85
tblVehicleTrips	CNW_TL	6.90	4.85
tblVehicleTrips	CNW_TL	6.90	4.85

Highway 74 - Existing Land Uses - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	CNW_TL	6.90	4.85
tblVehicleTrips	CNW_TL	6.90	4.85
tblVehicleTrips	CW_TL	16.60	4.85
tblVehicleTrips	CW_TL	16.60	4.85
tblVehicleTrips	CW_TL	16.60	4.85
tblVehicleTrips	CW_TL	16.60	4.85
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	15.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	8.70	4.85
tblVehicleTrips	HO_TL	8.70	4.85
tblVehicleTrips	HS_TL	5.90	4.85
tblVehicleTrips	HS_TL	5.90	4.85
tblVehicleTrips	HW_TL	14.70	4.85
tblVehicleTrips	HW_TL	14.70	4.85
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	79.00	100.00
tblVehicleTrips	PR_TP	82.00	100.00

Highway 74 - Existing Land Uses - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Highway 74 - Existing Land Uses - Riverside-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
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1,586.8511	114.2123	3,109.6613	6.8523		404.5174	404.5174		404.5174	404.5174	49,307.4585	95,534.5521	144,842.0105	147.7902	3.3466	149,534.0634
Energy	3.1142	26.7371	12.2373	0.1699		2.1517	2.1517		2.1517	2.1517		33,973.5303	33,973.5303	0.6512	0.6229	34,175.4180
Mobile	111.4534	137.3989	1,033.2766	2.2707	330.3257	1.3385	331.6642	88.0310	1.2564	89.2874		231,535.5627	231,535.5627	13.4240	12.6689	235,646.4930
Total	1,701.4187	278.3482	4,155.1751	9.2928	330.3257	408.0076	738.3333	88.0310	407.9255	495.9565	49,307.4585	361,043.6451	410,351.1035	161.8653	16.6384	419,355.9743

Highway 74 - Existing Land Uses - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	213.4169	83.5816	466.0863	0.5246		8.7633	8.7633		8.7633	8.7633	0.0000	101,108.1991	101,108.1991	2.6687	1.8393	101,723.0291
Energy	3.1142	26.7371	12.2373	0.1699		2.1517	2.1517		2.1517	2.1517		33,973.5303	33,973.5303	0.6512	0.6229	34,175.4180
Mobile	111.4534	137.3989	1,033.2766	2.2707	330.3257	1.3385	331.6642	88.0310	1.2564	89.2874		231,535.5627	231,535.5627	13.4240	12.6689	235,646.4930
Total	327.9845	247.7175	1,511.6001	2.9652	330.3257	12.2534	342.5791	88.0310	12.1713	100.2023	0.0000	366,617.2921	366,617.2921	16.7438	15.1311	371,544.9400

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	80.72	11.00	63.62	68.09	0.00	97.00	53.60	0.00	97.02	79.80	100.00	-1.54	10.66	89.66	9.06	11.40

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	No Construction	Site Preparation	2/17/2022	2/16/2022	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Highway 74 - Existing Land Uses - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
No Construction	Rubber Tired Dozers	0	8.00	247	0.40
No Construction	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
No Construction	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 No Construction - 2022

Unmitigated Construction On-Site

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

Highway 74 - Existing Land Uses - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Unmitigated Construction Off-Site

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

Highway 74 - Existing Land Uses - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	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 Off-Site

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

Highway 74 - Existing Land Uses - Riverside-South Coast County, Winter

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	lb/day										lb/day					
Mitigated	111.4534	137.3989	1,033.2766	2.2707	330.3257	1.3385	331.6642	88.0310	1.2564	89.2874		231,535.5627	231,535.5627	13.4240	12.6689	235,646.4930
Unmitigated	111.4534	137.3989	1,033.2766	2.2707	330.3257	1.3385	331.6642	88.0310	1.2564	89.2874		231,535.5627	231,535.5627	13.4240	12.6689	235,646.4930

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	28,489.44	31,680.88	24,441.76	50,079,314	50,079,314
City Park	30.83	77.46	86.55	80,234	80,234
Industrial Park	4,998.15	3,767.15	1,839.08	7,716,556	7,716,556
Office Park	3,660.74	542.33	251.32	4,816,351	4,816,351
Regional Shopping Center	28,833.07	35,225.99	16,115.97	49,306,948	49,306,948
Single Family Housing	12,951.68	13,088.88	11,730.60	22,591,541	22,591,541
Total	78,963.90	84,382.70	54,465.28	134,590,944	134,590,944

4.3 Trip Type Information

Appendix C Land Use	Miles			Trip %			Trip Purpose %		
	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

Highway 74 - Existing Land Uses - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Apartments Low Rise	4.85	4.85	4.85	40.20	19.20	40.60	100	0	0
City Park	4.85	4.85	4.85	33.00	48.00	19.00	100	0	0
Industrial Park	4.85	4.85	4.85	59.00	28.00	13.00	100	0	0
Office Park	4.85	4.85	4.85	33.00	48.00	19.00	100	0	0
Regional Shopping Center	4.85	4.85	4.85	16.30	64.70	19.00	100	0	0
Single Family Housing	4.85	4.85	4.85	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 Low Rise	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
City Park	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Industrial Park	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Office Park	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Regional Shopping Center	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Single Family Housing	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	3.1142	26.7371	12.2373	0.1699		2.1517	2.1517		2.1517	2.1517		33,973.5303	33,973.5303	0.6512	0.6229	34,175.4180
	Appendix C															

Highway 74 - Existing Land Uses - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

NaturalGas Unmitigated	3.1142	26.7371	12.2373	0.1699		2.1517	2.1517		2.1517	2.1517		33,973.5303	33,973.5303	0.6512	0.6229	34,175.4180
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Highway 74 - Existing Land Uses - Riverside-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 Low Rise	161288	1.7394	14.8638	6.3250	0.0949		1.2018	1.2018		1.2018	1.2018		18,975.0336	18,975.0336	0.3637	0.3479	19,087.7927
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
Industrial Park	13937.4	0.1503	1.3664	1.1478	8.2000e-003		0.1039	0.1039		0.1039	0.1039		1,639.6893	1,639.6893	0.0314	0.0301	1,649.4331
Office Park	2618.31	0.0282	0.2567	0.2156	1.5400e-003		0.0195	0.0195		0.0195	0.0195		308.0363	308.0363	5.9000e-003	5.6500e-003	309.8668
Regional Shopping Center	4603.66	0.0497	0.4513	0.3791	2.7100e-003		0.0343	0.0343		0.0343	0.0343		541.6070	541.6070	0.0104	9.9300e-003	544.8255
Single Family Housing	106328	1.1467	9.7989	4.1697	0.0626		0.7923	0.7923		0.7923	0.7923		12,509.1641	12,509.1641	0.2398	0.2293	12,583.4998
Total		3.1142	26.7371	12.2373	0.1699		2.1517	2.1517		2.1517	2.1517		33,973.5303	33,973.5303	0.6512	0.6229	34,175.4180

Highway 74 - Existing Land Uses - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated

	Natural Gas 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 Low Rise	161.288	1.7394	14.8638	6.3250	0.0949		1.2018	1.2018		1.2018	1.2018		18,975.0336	18,975.0336	0.3637	0.3479	19,087.7927
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
Industrial Park	13.9374	0.1503	1.3664	1.1478	8.2000e-003		0.1039	0.1039		0.1039	0.1039		1,639.6893	1,639.6893	0.0314	0.0301	1,649.4331
Office Park	2.61831	0.0282	0.2567	0.2156	1.5400e-003		0.0195	0.0195		0.0195	0.0195		308.0363	308.0363	5.9000e-003	5.6500e-003	309.8668
Regional Shopping Center	4.60366	0.0497	0.4513	0.3791	2.7100e-003		0.0343	0.0343		0.0343	0.0343		541.6070	541.6070	0.0104	9.9300e-003	544.8255
Single Family Housing	106.328	1.1467	9.7989	4.1697	0.0626		0.7923	0.7923		0.7923	0.7923		12,509.1641	12,509.1641	0.2398	0.2293	12,583.4998
Total		3.1142	26.7371	12.2373	0.1699		2.1517	2.1517		2.1517	2.1517		33,973.5303	33,973.5303	0.6512	0.6229	34,175.4180

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use only Natural Gas Hearths

Highway 74 - Existing Land Uses - Riverside-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	213.4169	83.5816	466.0863	0.5246		8.7633	8.7633		8.7633	8.7633	0.0000	101,108.1991	101,108.1991	2.6687	1.8393	101,723.0291
Unmitigated	1,586.8511	114.2123	3,109.6613	6.8523		404.5174	404.5174		404.5174	404.5174	49,307.4585	95,534.5521	144,842.0105	147.7902	3.3466	149,534.0634

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	17.4522					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	177.0850					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1,379.3575	109.2192	2,677.0169	6.8293		402.1081	402.1081		402.1081	402.1081	49,307.4585	94,752.0000	144,059.4585	147.0444	3.3466	148,732.8665
Landscaping	12.9564	4.9932	432.6444	0.0230		2.4093	2.4093		2.4093	2.4093		782.5521	782.5521	0.7458		801.1969
Total	1,586.8511	114.2123	3,109.6613	6.8523		404.5174	404.5174		404.5174	404.5174	49,307.4585	95,534.5521	144,842.0105	147.7902	3.3466	149,534.0634

Highway 74 - Existing Land Uses - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	14.1790					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	177.0850					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	9.1965	78.5884	33.4419	0.5016		6.3540	6.3540		6.3540	6.3540	0.0000	100,325.6471	100,325.6471	1.9229	1.8393	100,921.8322
Landscaping	12.9564	4.9932	432.6444	0.0230		2.4093	2.4093		2.4093	2.4093		782.5521	782.5521	0.7458		801.1969
Total	213.4169	83.5816	466.0863	0.5246		8.7633	8.7633		8.7633	8.7633	0.0000	101,108.1991	101,108.1991	2.6687	1.8393	101,723.0291

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Highway 74 - Existing Land Uses - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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11.0 Vegetation

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Highway 74 - Proposed Specific Plan
Riverside-South Coast County, Summer****1.0 Project Characteristics****1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	564.54	1000sqft	21.60	564,538.00	0
Office Park	1,836.90	1000sqft	187.42	1,836,900.00	0
Industrial Park	2,224.03	1000sqft	167.95	2,224,034.00	0
City Park	4.28	Acre	4.28	186,436.80	0
Apartments Low Rise	7,862.00	Dwelling Unit	294.40	7,862,000.00	25158
Single Family Housing	989.00	Dwelling Unit	1,092.63	1,780,200.00	3165
Regional Shopping Center	2,844.94	1000sqft	408.79	2,844,940.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			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 -

Land Use - Note 1

Construction Phase - Note 2

Demolition - Note 3

Grading -

Architectural Coating - Note 5

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Vehicle Trips - Note 4

Woodstoves -

Area Coating -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation - Note 5

Area Mitigation - Note 5

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	11,000.00	440.00
tblConstructionPhase	NumDays	155,000.00	6,200.00
tblConstructionPhase	NumDays	10,000.00	6,200.00
tblConstructionPhase	NumDays	15,500.00	620.00
tblConstructionPhase	NumDays	11,000.00	440.00
tblConstructionPhase	NumDays	6,000.00	240.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblLandUse	LandUseSquareFeet	564,540.00	564,538.00
tblLandUse C	LandUseSquareFeet	2,224,030.00	2,224,034.00

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblLandUse	LotAcreage	12.96	21.60
tblLandUse	LotAcreage	42.17	187.42
tblLandUse	LotAcreage	51.06	167.95
tblLandUse	LotAcreage	491.38	294.40
tblLandUse	LotAcreage	321.10	1,092.63
tblLandUse	LotAcreage	65.31	408.79
tblLandUse	Population	22,485.00	25,158.00
tblLandUse	Population	2,829.00	3,165.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	267.7621	205.6956	513.1900	1.6140	162.0672	6.1528	168.2200	49.2421	5.7147	54.9568	0.0000	164,174.5925	164,174.5925	8.3626	8.5539	166,932.7294
2024	262.1029	171.1129	468.5921	1.5352	142.2087	4.5918	146.8006	39.0862	4.2742	43.3604	0.0000	156,351.2851	156,351.2851	6.9471	8.2722	158,990.0804
2025	33.6156	119.3513	342.0692	1.2430	113.1422	2.4235	115.5657	30.1647	2.2712	32.4359	0.0000	127,179.6600	127,179.6600	3.7360	7.6406	129,549.9717
2026	31.8938	117.1365	324.2593	1.2109	113.1419	2.3987	115.5407	30.1646	2.2483	32.4129	0.0000	123,919.2646	123,919.2646	3.5987	7.4177	126,219.7104
2027	30.3238	115.1500	309.0032	1.1812	113.1417	2.3712	115.5129	30.1645	2.2228	32.3873	0.0000	120,891.3287	120,891.3287	3.4806	7.2080	123,126.3118
2028	28.9185	113.5165	296.3044	1.1544	113.1416	2.3434	115.4850	30.1645	2.1971	32.3616	0.0000	118,158.3075	118,158.3075	3.3830	7.0168	120,333.9011
2029	27.5814	112.0824	285.2606	1.1303	113.1415	2.3170	115.4585	30.1644	2.1727	32.3371	0.0000	115,700.0357	115,700.0357	3.2988	6.8440	117,822.0247
2030	26.2617	96.8575	275.4067	1.1200	113.1413	1.4115	114.5528	30.1644	1.3611	31.5254	0.0000	114,462.9001	114,462.9001	1.8800	6.6877	116,502.8373

Appendix C

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2031	25.0687	96.1955	269.5135	1.1018	113.1412	1.3738	114.5150	30.1643	1.3256	31.4899	0.0000	112,601.9389	112,601.9389	1.8231	6.5455	114,598.0684
2032	23.9873	95.2262	262.3270	1.0848	113.1411	1.3536	114.4946	30.1643	1.3069	31.4712	0.0000	110,869.0124	110,869.0124	1.7675	6.4252	112,827.9041
2033	23.0207	94.4000	256.1696	1.0699	113.1410	1.3352	114.4762	30.1643	1.2899	31.4542	0.0000	109,343.5095	109,343.5095	1.7197	6.3212	111,270.2119
2034	22.1431	93.6482	250.6323	1.0566	113.1409	1.3178	114.4587	30.1642	1.2738	31.4380	0.0000	107,988.3982	107,988.3982	1.6767	6.2290	109,886.5581
2035	21.0222	89.3672	245.6583	1.0450	113.1408	1.1198	114.2606	30.1642	1.0770	31.2412	0.0000	106,798.7937	106,798.7937	1.6059	6.1496	108,671.5076
2036	21.0222	89.3672	245.6583	1.0450	113.1408	1.1198	114.2606	30.1642	1.0770	31.2412	0.0000	106,798.7937	106,798.7937	1.6059	6.1496	108,671.5076
2037	21.0222	89.3672	245.6583	1.0450	113.1408	1.1198	114.2606	30.1642	1.0770	31.2412	0.0000	106,798.7937	106,798.7937	1.6059	6.1496	108,671.5076
2038	21.0222	89.3672	245.6583	1.0450	113.1408	1.1198	114.2606	30.1642	1.0770	31.2412	0.0000	106,798.7937	106,798.7937	1.6059	6.1496	108,671.5076
2039	21.0222	89.3672	245.6583	1.0450	113.1408	1.1198	114.2606	30.1642	1.0770	31.2412	0.0000	106,798.7937	106,798.7937	1.6059	6.1496	108,671.5076
Maximum	267.7621	205.6956	513.1900	1.6140	162.0672	6.1528	168.2200	49.2421	5.7147	54.9568	0.0000	164,174.5925	164,174.5925	8.3626	8.5539	166,932.7294

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	267.7621	205.6956	513.1900	1.6140	145.4085	6.1528	151.5613	41.5573	5.7147	47.2720	0.0000	164,174.5925	164,174.5925	8.3626	8.5539	166,932.7294
2024	262.1029	171.1129	468.5921	1.5352	136.3613	4.5918	140.9532	36.9578	4.2742	41.2319	0.0000	156,351.2851	156,351.2851	6.9471	8.2722	158,990.0804
2025	33.6156	119.3513	342.0692	1.2430	112.3568	2.4235	114.7803	30.0458	2.2712	32.3170	0.0000	127,179.6600	127,179.6600	3.7360	7.6406	129,549.9717
2026	31.8938	117.1365	324.2593	1.2109	112.3565	2.3987	114.7553	30.0457	2.2483	32.2940	0.0000	123,919.2646	123,919.2646	3.5987	7.4177	126,219.7103
2027	30.3238	115.1500	309.0032	1.1812	112.3563	2.3712	114.7275	30.0456	2.2228	32.2684	0.0000	120,891.3287	120,891.3287	3.4806	7.2080	123,126.3118
2028	28.9185	113.5165	296.3044	1.1544	112.3562	2.3434	114.6996	30.0456	2.1971	32.2427	0.0000	118,158.3075	118,158.3075	3.3830	7.0168	120,333.9011
2029	27.5814	112.0824	285.2606	1.1303	112.3561	2.3170	114.6731	30.0455	2.1727	32.2182	0.0000	115,700.0357	115,700.0357	3.2988	6.8440	117,822.0247
2030	26.2617	96.8575	275.4067	1.1200	112.3559	1.4115	113.7674	30.0455	1.3611	31.4065	0.0000	114,462.9001	114,462.9001	1.8800	6.6877	116,502.8373
2031	25.0687	96.1955	269.5135	1.1018	112.3558	1.3738	113.7296	30.0454	1.3256	31.3710	0.0000	112,601.9389	112,601.9389	1.8231	6.5455	114,598.0684
2032	23.9873	95.2262	262.3270	1.0848	112.3557	1.3536	113.7092	30.0454	1.3069	31.3522	0.0000	110,869.0124	110,869.0124	1.7675	6.4252	112,827.9041
2033	23.0207	94.4000	256.1696	1.0699	112.3556	1.3352	113.6908	30.0454	1.2899	31.3353	0.0000	109,343.5095	109,343.5095	1.7197	6.3212	111,270.2119
2034	22.1431	93.6482	250.6323	1.0566	112.3555	1.3178	113.6733	30.0453	1.2738	31.3191	0.0000	107,988.3982	107,988.3982	1.6767	6.2290	109,886.5581
2035	21.0222	89.3672	245.6583	1.0450	112.3554	1.1198	113.4752	30.0453	1.0770	31.1223	0.0000	106,798.7937	106,798.7937	1.6059	6.1496	108,671.5076
2036	21.0222	89.3672	245.6583	1.0450	112.3554	1.1198	113.4752	30.0453	1.0770	31.1223	0.0000	106,798.7937	106,798.7937	1.6059	6.1496	108,671.5076
2037	21.0222	89.3672	245.6583	1.0450	112.3554	1.1198	113.4752	30.0453	1.0770	31.1223	0.0000	106,798.7937	106,798.7937	1.6059	6.1496	108,671.5076
2038	21.0222	89.3672	245.6583	1.0450	112.3554	1.1198	113.4752	30.0453	1.0770	31.1223	0.0000	106,798.7937	106,798.7937	1.6059	6.1496	108,671.5076

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2039	21.0222	89.3672	245.6583	1.0450	112.3554	1.1198	113.4752	30.0453	1.0770	31.1223	0.0000	106,798.7937	106,798.7937	1.6059	6.1496	108,671.5076
Maximum	267.7621	205.6956	513.1900	1.6140	145.4085	6.1528	151.5613	41.5573	5.7147	47.2720	0.0000	164,174.5925	164,174.5925	8.3626	8.5539	166,932.7294

Highway 74 - Proposed Specific Plan - Riverside-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
Percent Reduction	0.00	0.00	0.00	0.00	1.71	0.00	1.68	2.14	0.00	2.02	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2,715.4362	192.0418	5,228.9615	11.5216		680.1652	680.1652		680.1652	680.1652	82,906.5948	160,634.4723	243,541.0670	248.4992	5.6271	251,430.4264
Energy	4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431
Mobile	464.7484	481.5449	4,472.6486	10.6265	1,460.1119	5.6457	1,465.7576	389.1164	5.3031	394.4195		1,082,957.1091	1,082,957.1091	50.2938	48.5341	1,098,677.6218
Total	3,185.1491	716.3517	9,722.1606	22.4189	1,460.1119	689.2410	2,149.3528	389.1164	688.8984	1,078.0147	82,906.5948	1,297,750.4851	1,380,657.0799	299.8310	55.1541	1,404,588.7914

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	402.1324	140.5386	783.9991	0.8821		14.7358	14.7358		14.7358	14.7358	0.0000	170,006.1193	170,006.1193	4.4889	3.0926	171,039.9507
Energy	4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431
Mobile	464.7484	481.5449	4,472.6486	10.6265	1,460.1119	5.6457	1,465.7576	389.1164	5.3031	394.4195		1,082,957.1091	1,082,957.1091	50.2938	48.5341	1,098,677.6218
Total	871.8453	664.8486	5,277.1981	11.7794	1,460.1119	23.8116	1,483.9235	389.1164	23.4690	412.5854	0.0000	1,307,122.1322	1,307,122.1322	55.8208	52.6197	1,324,198.3156

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	72.63	7.19	45.72	47.46	0.00	96.55	30.96	0.00	96.59	61.73	100.00	-0.72	5.33	81.38	4.60	5.72

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	12/22/2039	7	6200	
2	Site Preparation	Site Preparation	1/1/2023	8/28/2023	7	240	
3	Grading	Grading	1/1/2023	9/11/2024	7	620	
4	Building Construction	Building Construction	1/1/2023	12/22/2039	7	6200	
5	Paving Appendix C	Paving	1/1/2023	3/15/2024	7	440	

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6	Architectural Coating	Architectural Coating	1/1/2023	3/15/2024	7	440
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Acres of Grading (Site Preparation Phase): 360

Acres of Grading (Grading Phase): 1860

Acres of Paving: 0

Residential Indoor: 19,525,455; Residential Outdoor: 6,508,485; Non-Residential Indoor: 11,205,620; Non-Residential Outdoor: 3,735,207; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Architectural Coating	Air Compressors	1	6.00	78	0.48
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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
Demolition	6	15.00	0.00	40,660.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	8,708.00	2,201.00	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	1	1,742.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388	1.4280	0.9975	2.4255	0.2162	0.9280	1.1442		3,746.9840	3,746.9840	1.0494		3,773.2183

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0144	0.6549	0.1801	3.6000e-003	0.1148	7.9000e-003	0.1227	0.0315	7.5600e-003	0.0390		384.8244	384.8244	5.4600e-003	0.0606	403.0311
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0338	0.5488	1.4700e-003	0.1677	7.8000e-004	0.1685	0.0445	7.2000e-004	0.0452		149.0611	149.0611	3.4500e-003	3.5200e-003	150.1959
Total	0.0691	0.6888	0.7289	5.0700e-003	0.2824	8.6800e-003	0.2911	0.0759	8.2800e-003	0.0842		533.8855	533.8855	8.9100e-003	0.0642	553.2270

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388	0.6426	0.9975	1.6401	0.0973	0.9280	1.0253	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0144	0.6549	0.1801	3.6000e-003	0.1148	7.9000e-003	0.1227	0.0315	7.5600e-003	0.0390		384.8244	384.8244	5.4600e-003	0.0606	403.0311
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0338	0.5488	1.4700e-003	0.1677	7.8000e-004	0.1685	0.0445	7.2000e-004	0.0452		149.0611	149.0611	3.4500e-003	3.5200e-003	150.1959
Total	0.0691	0.6888	0.7289	5.0700e-003	0.2824	8.6800e-003	0.2911	0.0759	8.2800e-003	0.0842		533.8855	533.8855	8.9100e-003	0.0642	553.2270

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345
Total	2.2437	20.8781	19.7073	0.0388	1.4280	0.9602	2.3882	0.2162	0.8922	1.1084		3,747.4228	3,747.4228	1.0485		3,773.6345

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0143	0.6568	0.1821	3.5400e-003	0.1148	7.8600e-003	0.1226	0.0315	7.5200e-003	0.0390		378.5376	378.5376	5.7600e-003	0.0597	396.4606
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0510	0.0301	0.5130	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		144.3160	144.3160	3.1200e-003	3.2700e-003	145.3683
Total	0.0654	0.6869	0.6951	4.9700e-003	0.2824	8.6100e-003	0.2910	0.0759	8.2100e-003	0.0841		522.8536	522.8536	8.8800e-003	0.0629	541.8289

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345
Total	2.2437	20.8781	19.7073	0.0388	0.6426	0.9602	1.6028	0.0973	0.8922	0.9895	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0143	0.6568	0.1821	3.5400e-003	0.1148	7.8600e-003	0.1226	0.0315	7.5200e-003	0.0390		378.5376	378.5376	5.7600e-003	0.0597	396.4606
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0510	0.0301	0.5130	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		144.3160	144.3160	3.1200e-003	3.2700e-003	145.3683
Total	0.0654	0.6869	0.6951	4.9700e-003	0.2824	8.6100e-003	0.2910	0.0759	8.2100e-003	0.0841		522.8536	522.8536	8.8800e-003	0.0629	541.8289

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388	1.4280	0.8528	2.2808	0.2162	0.7920	1.0082		3,747.5996	3,747.5996	1.0464		3,773.7606

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0143	0.6504	0.1834	3.4700e-003	0.1148	7.8500e-003	0.1226	0.0315	7.5100e-003	0.0390		370.9766	370.9766	6.0800e-003	0.0585	388.5564
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0477	0.0270	0.4771	1.3800e-003	0.1677	7.1000e-004	0.1684	0.0445	6.5000e-004	0.0451		139.3947	139.3947	2.8100e-003	3.0500e-003	140.3742
Total	0.0620	0.6774	0.6604	4.8500e-003	0.2824	8.5600e-003	0.2910	0.0759	8.1600e-003	0.0841		510.3713	510.3713	8.8900e-003	0.0615	528.9306

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388	0.6426	0.8528	1.4954	0.0973	0.7920	0.8893	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0143	0.6504	0.1834	3.4700e-003	0.1148	7.8500e-003	0.1226	0.0315	7.5100e-003	0.0390		370.9766	370.9766	6.0800e-003	0.0585	388.5564
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0477	0.0270	0.4771	1.3800e-003	0.1677	7.1000e-004	0.1684	0.0445	6.5000e-004	0.0451		139.3947	139.3947	2.8100e-003	3.0500e-003	140.3742
Total	0.0620	0.6774	0.6604	4.8500e-003	0.2824	8.5600e-003	0.2910	0.0759	8.1600e-003	0.0841		510.3713	510.3713	8.8900e-003	0.0615	528.9306

Highway 74 - Proposed Specific Plan - Riverside-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 - 2026****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388	1.4280	0.8528	2.2808	0.2162	0.7920	1.0082		3,747.5996	3,747.5996	1.0464		3,773.7606

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0142	0.6423	0.1844	3.3900e-003	0.1148	7.7900e-003	0.1226	0.0315	7.4500e-003	0.0389		363.1719	363.1719	6.3800e-003	0.0573	380.3967
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0448	0.0245	0.4469	1.3400e-003	0.1677	6.7000e-004	0.1683	0.0445	6.2000e-004	0.0451		135.0356	135.0356	2.5500e-003	2.8700e-003	135.9547
Total	0.0590	0.6668	0.6314	4.7300e-003	0.2824	8.4600e-003	0.2909	0.0759	8.0700e-003	0.0840		498.2075	498.2075	8.9300e-003	0.0601	516.3514

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388	0.6426	0.8528	1.4954	0.0973	0.7920	0.8893	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0142	0.6423	0.1844	3.3900e-003	0.1148	7.7900e-003	0.1226	0.0315	7.4500e-003	0.0389		363.1719	363.1719	6.3800e-003	0.0573	380.3967
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0448	0.0245	0.4469	1.3400e-003	0.1677	6.7000e-004	0.1683	0.0445	6.2000e-004	0.0451		135.0356	135.0356	2.5500e-003	2.8700e-003	135.9547
Total	0.0590	0.6668	0.6314	4.7300e-003	0.2824	8.4600e-003	0.2909	0.0759	8.0700e-003	0.0840		498.2075	498.2075	8.9300e-003	0.0601	516.3514

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388	1.4280	0.8528	2.2808	0.2162	0.7920	1.0082		3,747.5996	3,747.5996	1.0464		3,773.7606

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0142	0.6344	0.1855	3.3100e-003	0.1148	7.7300e-003	0.1225	0.0315	7.4000e-003	0.0389		355.0548	355.0548	6.6500e-003	0.0560	371.9086
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0421	0.0223	0.4211	1.3000e-003	0.1677	6.3000e-004	0.1683	0.0445	5.8000e-004	0.0451		131.1408	131.1408	2.3200e-003	2.7200e-003	132.0091
Total	0.0563	0.6567	0.6066	4.6100e-003	0.2824	8.3600e-003	0.2908	0.0759	7.9800e-003	0.0839		486.1956	486.1956	8.9700e-003	0.0587	503.9176

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388	0.6426	0.8528	1.4954	0.0973	0.7920	0.8893	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0142	0.6344	0.1855	3.3100e-003	0.1148	7.7300e-003	0.1225	0.0315	7.4000e-003	0.0389		355.0548	355.0548	6.6500e-003	0.0560	371.9086
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0421	0.0223	0.4211	1.3000e-003	0.1677	6.3000e-004	0.1683	0.0445	5.8000e-004	0.0451		131.1408	131.1408	2.3200e-003	2.7200e-003	132.0091
Total	0.0563	0.6567	0.6066	4.6100e-003	0.2824	8.3600e-003	0.2908	0.0759	7.9800e-003	0.0839		486.1956	486.1956	8.9700e-003	0.0587	503.9176

Highway 74 - Proposed Specific Plan - Riverside-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 - 2028****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388	1.4280	0.8528	2.2808	0.2162	0.7920	1.0082		3,747.5996	3,747.5996	1.0464		3,773.7606

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0141	0.6276	0.1866	3.2400e-003	0.1148	7.6800e-003	0.1224	0.0315	7.3400e-003	0.0388		347.0505	347.0505	6.9300e-003	0.0548	363.5386
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0397	0.0205	0.3995	1.2600e-003	0.1677	5.9000e-004	0.1683	0.0445	5.4000e-004	0.0450		127.7012	127.7012	2.1300e-003	2.5900e-003	128.5269
Total	0.0539	0.6481	0.5861	4.5000e-003	0.2824	8.2700e-003	0.2907	0.0759	7.8800e-003	0.0838		474.7517	474.7517	9.0600e-003	0.0573	492.0655

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388	0.6426	0.8528	1.4954	0.0973	0.7920	0.8893	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0141	0.6276	0.1866	3.2400e-003	0.1148	7.6800e-003	0.1224	0.0315	7.3400e-003	0.0388		347.0505	347.0505	6.9300e-003	0.0548	363.5386
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0397	0.0205	0.3995	1.2600e-003	0.1677	5.9000e-004	0.1683	0.0445	5.4000e-004	0.0450		127.7012	127.7012	2.1300e-003	2.5900e-003	128.5269
Total	0.0539	0.6481	0.5861	4.5000e-003	0.2824	8.2700e-003	0.2907	0.0759	7.8800e-003	0.0838		474.7517	474.7517	9.0600e-003	0.0573	492.0655

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388	1.4280	0.8528	2.2808	0.2162	0.7920	1.0082		3,747.5996	3,747.5996	1.0464		3,773.7606

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0141	0.6213	0.1876	3.1600e-003	0.1148	7.6200e-003	0.1224	0.0315	7.2900e-003	0.0388		339.4655	339.4655	7.1900e-003	0.0536	355.6071
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0375	0.0189	0.3808	1.2300e-003	0.1677	5.5000e-004	0.1682	0.0445	5.0000e-004	0.0450		124.6602	124.6602	1.9600e-003	2.4900e-003	125.4497
Total	0.0516	0.6402	0.5684	4.3900e-003	0.2824	8.1700e-003	0.2906	0.0759	7.7900e-003	0.0837		464.1256	464.1256	9.1500e-003	0.0561	481.0568

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388	0.6426	0.8528	1.4954	0.0973	0.7920	0.8893	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0141	0.6213	0.1876	3.1600e-003	0.1148	7.6200e-003	0.1224	0.0315	7.2900e-003	0.0388		339.4655	339.4655	7.1900e-003	0.0536	355.6071
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0375	0.0189	0.3808	1.2300e-003	0.1677	5.5000e-004	0.1682	0.0445	5.0000e-004	0.0450		124.6602	124.6602	1.9600e-003	2.4900e-003	125.4497
Total	0.0516	0.6402	0.5684	4.3900e-003	0.2824	8.1700e-003	0.2906	0.0759	7.7900e-003	0.0837		464.1256	464.1256	9.1500e-003	0.0561	481.0568

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462	1.4280	0.3511	1.7791	0.2162	0.3511	0.5673		4,378.5819	4,378.5819	0.1847		4,383.2000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0141	0.6156	0.1886	3.0900e-003	0.1148	7.5700e-003	0.1223	0.0315	7.2400e-003	0.0387		332.3282	332.3282	7.4400e-003	0.0525	348.1437
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0353	0.0176	0.3647	1.2100e-003	0.1677	5.1000e-004	0.1682	0.0445	4.7000e-004	0.0449		121.9772	121.9772	1.8100e-003	2.3900e-003	122.7361
Total	0.0494	0.6332	0.5533	4.3000e-003	0.2824	8.0800e-003	0.2905	0.0759	7.7100e-003	0.0836		454.3054	454.3054	9.2500e-003	0.0548	470.8798

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462	0.6426	0.3511	0.9937	0.0973	0.3511	0.4484	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0141	0.6156	0.1886	3.0900e-003	0.1148	7.5700e-003	0.1223	0.0315	7.2400e-003	0.0387		332.3282	332.3282	7.4400e-003	0.0525	348.1437
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0353	0.0176	0.3647	1.2100e-003	0.1677	5.1000e-004	0.1682	0.0445	4.7000e-004	0.0449		121.9772	121.9772	1.8100e-003	2.3900e-003	122.7361
Total	0.0494	0.6332	0.5533	4.3000e-003	0.2824	8.0800e-003	0.2905	0.0759	7.7100e-003	0.0836		454.3054	454.3054	9.2500e-003	0.0548	470.8798

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462	1.4280	0.3511	1.7791	0.2162	0.3511	0.5673		4,378.5819	4,378.5819	0.1847		4,383.2000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0140	0.6161	0.1901	3.0300e-003	0.1148	7.3100e-003	0.1221	0.0315	6.9900e-003	0.0385		325.6349	325.6349	7.6700e-003	0.0514	341.1444
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0333	0.0164	0.3545	1.1900e-003	0.1677	4.8000e-004	0.1682	0.0445	4.5000e-004	0.0449		119.8499	119.8499	1.6900e-003	2.3200e-003	120.5836
Total	0.0473	0.6325	0.5446	4.2200e-003	0.2824	7.7900e-003	0.2902	0.0759	7.4400e-003	0.0834		445.4848	445.4848	9.3600e-003	0.0537	461.7280

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462	0.6426	0.3511	0.9937	0.0973	0.3511	0.4484	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0140	0.6161	0.1901	3.0300e-003	0.1148	7.3100e-003	0.1221	0.0315	6.9900e-003	0.0385		325.6349	325.6349	7.6700e-003	0.0514	341.1444
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0333	0.0164	0.3545	1.1900e-003	0.1677	4.8000e-004	0.1682	0.0445	4.5000e-004	0.0449		119.8499	119.8499	1.6900e-003	2.3200e-003	120.5836
Total	0.0473	0.6325	0.5446	4.2200e-003	0.2824	7.7900e-003	0.2902	0.0759	7.4400e-003	0.0834		445.4848	445.4848	9.3600e-003	0.0537	461.7280

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462	1.4280	0.3511	1.7791	0.2162	0.3511	0.5673		4,378.5819	4,378.5819	0.1847		4,383.2000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0140	0.6116	0.1913	2.9800e-003	0.1148	7.2700e-003	0.1220	0.0315	6.9600e-003	0.0384		319.9034	319.9034	7.8800e-003	0.0505	335.1512
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0315	0.0154	0.3421	1.1700e-003	0.1677	4.5000e-004	0.1681	0.0445	4.2000e-004	0.0449		117.7630	117.7630	1.5700e-003	2.2600e-003	118.4743
Total	0.0454	0.6270	0.5334	4.1500e-003	0.2824	7.7200e-003	0.2901	0.0759	7.3800e-003	0.0833		437.6664	437.6664	9.4500e-003	0.0528	453.6255

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462	0.6426	0.3511	0.9937	0.0973	0.3511	0.4484	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0140	0.6116	0.1913	2.9800e-003	0.1148	7.2700e-003	0.1220	0.0315	6.9600e-003	0.0384		319.9034	319.9034	7.8800e-003	0.0505	335.1512
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0315	0.0154	0.3421	1.1700e-003	0.1677	4.5000e-004	0.1681	0.0445	4.2000e-004	0.0449		117.7630	117.7630	1.5700e-003	2.2600e-003	118.4743
Total	0.0454	0.6270	0.5334	4.1500e-003	0.2824	7.7200e-003	0.2901	0.0759	7.3800e-003	0.0833		437.6664	437.6664	9.4500e-003	0.0528	453.6255

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462	1.4280	0.3511	1.7791	0.2162	0.3511	0.5673		4,378.5819	4,378.5819	0.1847		4,383.2000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0140	0.6075	0.1924	2.9300e-003	0.1148	7.2400e-003	0.1220	0.0315	6.9300e-003	0.0384		314.8611	314.8611	8.0700e-003	0.0497	329.8789
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0298	0.0146	0.3314	1.1500e-003	0.1677	4.3000e-004	0.1681	0.0445	3.9000e-004	0.0449		115.9303	115.9303	1.4700e-003	2.2000e-003	116.6230
Total	0.0438	0.6221	0.5239	4.0800e-003	0.2824	7.6700e-003	0.2901	0.0759	7.3200e-003	0.0832		430.7914	430.7914	9.5400e-003	0.0519	446.5019

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462	0.6426	0.3511	0.9937	0.0973	0.3511	0.4484	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0140	0.6075	0.1924	2.9300e-003	0.1148	7.2400e-003	0.1220	0.0315	6.9300e-003	0.0384		314.8611	314.8611	8.0700e-003	0.0497	329.8789
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0298	0.0146	0.3314	1.1500e-003	0.1677	4.3000e-004	0.1681	0.0445	3.9000e-004	0.0449		115.9303	115.9303	1.4700e-003	2.2000e-003	116.6230
Total	0.0438	0.6221	0.5239	4.0800e-003	0.2824	7.6700e-003	0.2901	0.0759	7.3200e-003	0.0832		430.7914	430.7914	9.5400e-003	0.0519	446.5019

Highway 74 - Proposed Specific Plan - Riverside-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****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462	1.4280	0.3511	1.7791	0.2162	0.3511	0.5673		4,378.5819	4,378.5819	0.1847		4,383.2000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0140	0.6035	0.1935	2.8800e-003	0.1148	7.2000e-003	0.1220	0.0315	6.8900e-003	0.0384		310.3222	310.3222	8.2400e-003	0.0490	325.1327
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0283	0.0139	0.3218	1.1300e-003	0.1677	4.0000e-004	0.1681	0.0445	3.7000e-004	0.0448		114.3197	114.3197	1.3800e-003	2.1600e-003	114.9966
Total	0.0423	0.6174	0.5153	4.0100e-003	0.2824	7.6000e-003	0.2900	0.0759	7.2600e-003	0.0832		424.6418	424.6418	9.6200e-003	0.0512	440.1293

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462	0.6426	0.3511	0.9937	0.0973	0.3511	0.4484	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0140	0.6035	0.1935	2.8800e-003	0.1148	7.2000e-003	0.1220	0.0315	6.8900e-003	0.0384		310.3222	310.3222	8.2400e-003	0.0490	325.1327
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0283	0.0139	0.3218	1.1300e-003	0.1677	4.0000e-004	0.1681	0.0445	3.7000e-004	0.0448		114.3197	114.3197	1.3800e-003	2.1600e-003	114.9966
Total	0.0423	0.6174	0.5153	4.0100e-003	0.2824	7.6000e-003	0.2900	0.0759	7.2600e-003	0.0832		424.6418	424.6418	9.6200e-003	0.0512	440.1293

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	1.4280	0.2267	1.6547	0.2162	0.2267	0.4430		4,378.5819	4,378.5819	0.1599		4,382.5795

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0140	0.6000	0.1945	2.8400e-003	0.1148	7.1700e-003	0.1219	0.0315	6.8600e-003	0.0383		306.3120	306.3120	8.3800e-003	0.0484	320.9391
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0269	0.0134	0.3136	1.1200e-003	0.1677	3.8000e-004	0.1680	0.0445	3.5000e-004	0.0448		112.9160	112.9160	1.3000e-003	2.1200e-003	113.5803
Total	0.0409	0.6133	0.5080	3.9600e-003	0.2824	7.5500e-003	0.2900	0.0759	7.2100e-003	0.0831		419.2280	419.2280	9.6800e-003	0.0505	434.5194

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	0.6426	0.2267	0.8693	0.0973	0.2267	0.3240	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0140	0.6000	0.1945	2.8400e-003	0.1148	7.1700e-003	0.1219	0.0315	6.8600e-003	0.0383		306.3120	306.3120	8.3800e-003	0.0484	320.9391
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0269	0.0134	0.3136	1.1200e-003	0.1677	3.8000e-004	0.1680	0.0445	3.5000e-004	0.0448		112.9160	112.9160	1.3000e-003	2.1200e-003	113.5803
Total	0.0409	0.6133	0.5080	3.9600e-003	0.2824	7.5500e-003	0.2900	0.0759	7.2100e-003	0.0831		419.2280	419.2280	9.6800e-003	0.0505	434.5194

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	1.4280	0.2267	1.6547	0.2162	0.2267	0.4430		4,378.5819	4,378.5819	0.1599		4,382.5795

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0140	0.6000	0.1945	2.8400e-003	0.1148	7.1700e-003	0.1219	0.0315	6.8600e-003	0.0383		306.3120	306.3120	8.3800e-003	0.0484	320.9391
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0269	0.0134	0.3136	1.1200e-003	0.1677	3.8000e-004	0.1680	0.0445	3.5000e-004	0.0448		112.9160	112.9160	1.3000e-003	2.1200e-003	113.5803
Total	0.0409	0.6133	0.5080	3.9600e-003	0.2824	7.5500e-003	0.2900	0.0759	7.2100e-003	0.0831		419.2280	419.2280	9.6800e-003	0.0505	434.5194

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	0.6426	0.2267	0.8693	0.0973	0.2267	0.3240	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0140	0.6000	0.1945	2.8400e-003	0.1148	7.1700e-003	0.1219	0.0315	6.8600e-003	0.0383		306.3120	306.3120	8.3800e-003	0.0484	320.9391
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0269	0.0134	0.3136	1.1200e-003	0.1677	3.8000e-004	0.1680	0.0445	3.5000e-004	0.0448		112.9160	112.9160	1.3000e-003	2.1200e-003	113.5803
Total	0.0409	0.6133	0.5080	3.9600e-003	0.2824	7.5500e-003	0.2900	0.0759	7.2100e-003	0.0831		419.2280	419.2280	9.6800e-003	0.0505	434.5194

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	1.4280	0.2267	1.6547	0.2162	0.2267	0.4430		4,378.5819	4,378.5819	0.1599		4,382.5795

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0140	0.6000	0.1945	2.8400e-003	0.1148	7.1700e-003	0.1219	0.0315	6.8600e-003	0.0383		306.3120	306.3120	8.3800e-003	0.0484	320.9391
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0269	0.0134	0.3136	1.1200e-003	0.1677	3.8000e-004	0.1680	0.0445	3.5000e-004	0.0448		112.9160	112.9160	1.3000e-003	2.1200e-003	113.5803
Total	0.0409	0.6133	0.5080	3.9600e-003	0.2824	7.5500e-003	0.2900	0.0759	7.2100e-003	0.0831		419.2280	419.2280	9.6800e-003	0.0505	434.5194

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	0.6426	0.2267	0.8693	0.0973	0.2267	0.3240	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0140	0.6000	0.1945	2.8400e-003	0.1148	7.1700e-003	0.1219	0.0315	6.8600e-003	0.0383		306.3120	306.3120	8.3800e-003	0.0484	320.9391
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0269	0.0134	0.3136	1.1200e-003	0.1677	3.8000e-004	0.1680	0.0445	3.5000e-004	0.0448		112.9160	112.9160	1.3000e-003	2.1200e-003	113.5803
Total	0.0409	0.6133	0.5080	3.9600e-003	0.2824	7.5500e-003	0.2900	0.0759	7.2100e-003	0.0831		419.2280	419.2280	9.6800e-003	0.0505	434.5194

Highway 74 - Proposed Specific Plan - Riverside-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 - 2038****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	1.4280	0.2267	1.6547	0.2162	0.2267	0.4430		4,378.5819	4,378.5819	0.1599		4,382.5795

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0140	0.6000	0.1945	2.8400e-003	0.1148	7.1700e-003	0.1219	0.0315	6.8600e-003	0.0383		306.3120	306.3120	8.3800e-003	0.0484	320.9391
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0269	0.0134	0.3136	1.1200e-003	0.1677	3.8000e-004	0.1680	0.0445	3.5000e-004	0.0448		112.9160	112.9160	1.3000e-003	2.1200e-003	113.5803
Total	0.0409	0.6133	0.5080	3.9600e-003	0.2824	7.5500e-003	0.2900	0.0759	7.2100e-003	0.0831		419.2280	419.2280	9.6800e-003	0.0505	434.5194

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	0.6426	0.2267	0.8693	0.0973	0.2267	0.3240	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0140	0.6000	0.1945	2.8400e-003	0.1148	7.1700e-003	0.1219	0.0315	6.8600e-003	0.0383		306.3120	306.3120	8.3800e-003	0.0484	320.9391
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0269	0.0134	0.3136	1.1200e-003	0.1677	3.8000e-004	0.1680	0.0445	3.5000e-004	0.0448		112.9160	112.9160	1.3000e-003	2.1200e-003	113.5803
Total	0.0409	0.6133	0.5080	3.9600e-003	0.2824	7.5500e-003	0.2900	0.0759	7.2100e-003	0.0831		419.2280	419.2280	9.6800e-003	0.0505	434.5194

Highway 74 - Proposed Specific Plan - Riverside-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 - 2039****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	1.4280	0.2267	1.6547	0.2162	0.2267	0.4430		4,378.5819	4,378.5819	0.1599		4,382.5795

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0140	0.6000	0.1945	2.8400e-003	0.1148	7.1700e-003	0.1219	0.0315	6.8600e-003	0.0383		306.3120	306.3120	8.3800e-003	0.0484	320.9391
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0269	0.0134	0.3136	1.1200e-003	0.1677	3.8000e-004	0.1680	0.0445	3.5000e-004	0.0448		112.9160	112.9160	1.3000e-003	2.1200e-003	113.5803
Total	0.0409	0.6133	0.5080	3.9600e-003	0.2824	7.5500e-003	0.2900	0.0759	7.2100e-003	0.0831		419.2280	419.2280	9.6800e-003	0.0505	434.5194

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	0.6426	0.2267	0.8693	0.0973	0.2267	0.3240	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0140	0.6000	0.1945	2.8400e-003	0.1148	7.1700e-003	0.1219	0.0315	6.8600e-003	0.0383		306.3120	306.3120	8.3800e-003	0.0484	320.9391
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0269	0.0134	0.3136	1.1200e-003	0.1677	3.8000e-004	0.1680	0.0445	3.5000e-004	0.0448		112.9160	112.9160	1.3000e-003	2.1200e-003	113.5803
Total	0.0409	0.6133	0.5080	3.9600e-003	0.2824	7.5500e-003	0.2900	0.0759	7.2100e-003	0.0831		419.2280	419.2280	9.6800e-003	0.0505	434.5194

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	19.6570	1.2660	20.9230	10.1025	1.1647	11.2672		3,687.3081	3,687.3081	1.1926		3,717.1219

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0657	0.0406	0.6586	1.7700e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		178.8733	178.8733	4.1400e-003	4.2200e-003	180.2350
Total	0.0657	0.0406	0.6586	1.7700e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		178.8733	178.8733	4.1400e-003	4.2200e-003	180.2350

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	8.8457	1.2660	10.1117	4.5461	1.1647	5.7108	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0657	0.0406	0.6586	1.7700e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		178.8733	178.8733	4.1400e-003	4.2200e-003	180.2350
Total	0.0657	0.0406	0.6586	1.7700e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		178.8733	178.8733	4.1400e-003	4.2200e-003	180.2350

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	9.2036	1.4245	10.6281	3.6538	1.3105	4.9643		6,011.4777	6,011.4777	1.9442		6,060.0836

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0730	0.0451	0.7317	1.9700e-003	0.2236	1.0500e-003	0.2246	0.0593	9.6000e-004	0.0603		198.7481	198.7481	4.5900e-003	4.6900e-003	200.2612
Total	0.0730	0.0451	0.7317	1.9700e-003	0.2236	1.0500e-003	0.2246	0.0593	9.6000e-004	0.0603		198.7481	198.7481	4.5900e-003	4.6900e-003	200.2612

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					4.1416	0.0000	4.1416	1.6442	0.0000	1.6442			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	4.1416	1.4245	5.5661	1.6442	1.3105	2.9547	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0730	0.0451	0.7317	1.9700e-003	0.2236	1.0500e-003	0.2246	0.0593	9.6000e-004	0.0603		198.7481	198.7481	4.5900e-003	4.6900e-003	200.2612
Total	0.0730	0.0451	0.7317	1.9700e-003	0.2236	1.0500e-003	0.2246	0.0593	9.6000e-004	0.0603		198.7481	198.7481	4.5900e-003	4.6900e-003	200.2612

Highway 74 - Proposed Specific Plan - Riverside-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 On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286		6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	9.2036	1.3354	10.5390	3.6538	1.2286	4.8823		6,009.7487	6,009.7487	1.9437		6,058.3405

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0681	0.0402	0.6840	1.9000e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		192.4214	192.4214	4.1600e-003	4.3600e-003	193.8244
Total	0.0681	0.0402	0.6840	1.9000e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		192.4214	192.4214	4.1600e-003	4.3600e-003	193.8244

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					4.1416	0.0000	4.1416	1.6442	0.0000	1.6442			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	4.1416	1.3354	5.4770	1.6442	1.2286	2.8728	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0681	0.0402	0.6840	1.9000e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		192.4214	192.4214	4.1600e-003	4.3600e-003	193.8244
Total	0.0681	0.0402	0.6840	1.9000e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		192.4214	192.4214	4.1600e-003	4.3600e-003	193.8244

Highway 74 - Proposed Specific Plan - Riverside-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 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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4809	71.9081	29.6084	0.3846	14.0974	0.6263	14.7237	4.0591	0.5991	4.6582		40,778.1475	40,778.1475	0.4158	6.0258	42,584.2282
Worker	31.7948	19.6454	318.6007	0.8562	97.3349	0.4552	97.7901	25.8137	0.4191	26.2327		86,534.9085	86,534.9085	2.0006	2.0429	87,193.7039
Total	34.2757	91.5536	348.2091	1.2407	111.4323	1.0815	112.5138	29.8728	1.0182	30.8909		127,313.0560	127,313.0560	2.4164	8.0687	129,777.9321

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4809	71.9081	29.6084	0.3846	14.0974	0.6263	14.7237	4.0591	0.5991	4.6582		40,778.1475	40,778.1475	0.4158	6.0258	42,584.2282
Worker	31.7948	19.6454	318.6007	0.8562	97.3349	0.4552	97.7901	25.8137	0.4191	26.2327		86,534.9085	86,534.9085	2.0006	2.0429	87,193.7039
Total	34.2757	91.5536	348.2091	1.2407	111.4323	1.0815	112.5138	29.8728	1.0182	30.8909		127,313.0560	127,313.0560	2.4164	8.0687	129,777.9321

Highway 74 - Proposed Specific Plan - Riverside-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 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4419	71.9139	29.2690	0.3785	14.0971	0.6221	14.7192	4.0590	0.5951	4.6541		40,149.6689	40,149.6689	0.4305	5.9240	41,925.7764
Worker	29.6307	17.4990	297.8204	0.8289	97.3349	0.4342	97.7691	25.8137	0.3997	26.2134		83,780.2593	83,780.2593	1.8118	1.8980	84,391.1522
Total	32.0726	89.4128	327.0894	1.2074	111.4320	1.0563	112.4883	29.8727	0.9948	30.8674		123,929.9282	123,929.9282	2.2422	7.8220	126,316.9286

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4419	71.9139	29.2690	0.3785	14.0971	0.6221	14.7192	4.0590	0.5951	4.6541		40,149.6689	40,149.6689	0.4305	5.9240	41,925.7764
Worker	29.6307	17.4990	297.8204	0.8289	97.3349	0.4342	97.7691	25.8137	0.3997	26.2134		83,780.2593	83,780.2593	1.8118	1.8980	84,391.1522
Total	32.0726	89.4128	327.0894	1.2074	111.4320	1.0563	112.4883	29.8727	0.9948	30.8674		123,929.9282	123,929.9282	2.2422	7.8220	126,316.9286

Highway 74 - Proposed Specific Plan - Riverside-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 Building Construction - 2025****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4098	71.3225	28.9383	0.3717	14.0969	0.6225	14.7194	4.0589	0.5955	4.6544		39,441.9409	39,441.9409	0.4464	5.8079	41,183.8637
Worker	27.6838	15.6851	276.9674	0.8006	97.3349	0.4121	97.7470	25.8137	0.3793	26.1929		80,923.2740	80,923.2740	1.6333	1.7712	81,491.9187
Total	30.0936	87.0076	305.9057	1.1723	111.4318	1.0346	112.4664	29.8726	0.9748	30.8474		120,365.2149	120,365.2149	2.0797	7.5791	122,675.7824

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4098	71.3225	28.9383	0.3717	14.0969	0.6225	14.7194	4.0589	0.5955	4.6544		39,441.9409	39,441.9409	0.4464	5.8079	41,183.8637
Worker	27.6838	15.6851	276.9674	0.8006	97.3349	0.4121	97.7470	25.8137	0.3793	26.1929		80,923.2740	80,923.2740	1.6333	1.7712	81,491.9187
Total	30.0936	87.0076	305.9057	1.1723	111.4318	1.0346	112.4664	29.8726	0.9748	30.8474		120,365.2149	120,365.2149	2.0797	7.5791	122,675.7824

Highway 74 - Proposed Specific Plan - Riverside-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 Building Construction - 2026****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3808	70.6082	28.6612	0.3648	14.0966	0.6199	14.7165	4.0588	0.5930	4.6518		38,724.3346	38,724.3346	0.4622	5.6912	40,431.8702
Worker	25.9940	14.1953	259.4637	0.7756	97.3349	0.3900	97.7249	25.8137	0.3589	26.1726		78,392.6487	78,392.6487	1.4803	1.6664	78,926.2301
Total	28.3748	84.8034	288.1249	1.1404	111.4315	1.0099	112.4415	29.8725	0.9520	30.8244		117,116.9832	117,116.9832	1.9424	7.3576	119,358.1003

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3808	70.6082	28.6612	0.3648	14.0966	0.6199	14.7165	4.0588	0.5930	4.6518		38,724.3346	38,724.3346	0.4622	5.6912	40,431.8702
Worker	25.9940	14.1953	259.4637	0.7756	97.3349	0.3900	97.7249	25.8137	0.3589	26.1726		78,392.6487	78,392.6487	1.4803	1.6664	78,926.2301
Total	28.3748	84.8034	288.1249	1.1404	111.4315	1.0099	112.4415	29.8725	0.9520	30.8244		117,116.9832	117,116.9832	1.9424	7.3576	119,358.1003

Highway 74 - Proposed Specific Plan - Riverside-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 Building Construction - 2027****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3560	69.8907	28.4352	0.3576	14.0964	0.6165	14.7129	4.0587	0.5898	4.6485		37,969.4382	37,969.4382	0.4761	5.5709	39,641.4671
Worker	24.4515	12.9364	244.4583	0.7532	97.3349	0.3660	97.7009	25.8137	0.3368	26.1505		76,131.6210	76,131.6210	1.3481	1.5783	76,635.6684
Total	26.8075	82.8271	272.8935	1.1108	111.4313	0.9825	112.4138	29.8724	0.9266	30.7990		114,101.0592	114,101.0592	1.8242	7.1492	116,277.1355

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3560	69.8907	28.4352	0.3576	14.0964	0.6165	14.7129	4.0587	0.5898	4.6485		37,969.4382	37,969.4382	0.4761	5.5709	39,641.4671
Worker	24.4515	12.9364	244.4583	0.7532	97.3349	0.3660	97.7009	25.8137	0.3368	26.1505		76,131.6210	76,131.6210	1.3481	1.5783	76,635.6684
Total	26.8075	82.8271	272.8935	1.1108	111.4313	0.9825	112.4138	29.8724	0.9266	30.7990		114,101.0592	114,101.0592	1.8242	7.1492	116,277.1355

Highway 74 - Proposed Specific Plan - Riverside-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 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3377	69.3191	28.2774	0.3506	14.0963	0.6137	14.7099	4.0587	0.5870	4.6457		37,244.6938	37,244.6938	0.4911	5.4545	38,882.4089
Worker	23.0669	11.8831	231.9378	0.7335	97.3349	0.3412	97.6761	25.8137	0.3140	26.1277		74,134.7881	74,134.7881	1.2355	1.5050	74,614.1681
Total	25.4046	81.2022	260.2152	1.0841	111.4312	0.9549	112.3860	29.8723	0.9010	30.7733		111,379.4819	111,379.4819	1.7266	6.9595	113,496.5770

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3377	69.3191	28.2774	0.3506	14.0963	0.6137	14.7099	4.0587	0.5870	4.6457		37,244.6938	37,244.6938	0.4911	5.4545	38,882.4089
Worker	23.0669	11.8831	231.9378	0.7335	97.3349	0.3412	97.6761	25.8137	0.3140	26.1277		74,134.7881	74,134.7881	1.2355	1.5050	74,614.1681
Total	25.4046	81.2022	260.2152	1.0841	111.4312	0.9549	112.3860	29.8723	0.9010	30.7733		111,379.4819	111,379.4819	1.7266	6.9595	113,496.5770

Highway 74 - Proposed Specific Plan - Riverside-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 Building Construction - 2029****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3226	68.7980	28.1531	0.3441	14.0961	0.6106	14.7067	4.0586	0.5841	4.6427		36,562.4578	36,562.4578	0.5056	5.3451	38,167.9518
Worker	21.7472	10.9780	221.0362	0.7160	97.3349	0.3179	97.6529	25.8137	0.2926	26.1062		72,369.3784	72,369.3784	1.1366	1.4428	72,827.7574
Total	24.0698	79.7760	249.1892	1.0601	111.4310	0.9285	112.3596	29.8723	0.8766	30.7489		108,931.8361	108,931.8361	1.6423	6.7880	110,995.7093

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3226	68.7980	28.1531	0.3441	14.0961	0.6106	14.7067	4.0586	0.5841	4.6427		36,562.4578	36,562.4578	0.5056	5.3451	38,167.9518
Worker	21.7472	10.9780	221.0362	0.7160	97.3349	0.3179	97.6529	25.8137	0.2926	26.1062		72,369.3784	72,369.3784	1.1366	1.4428	72,827.7574
Total	24.0698	79.7760	249.1892	1.0601	111.4310	0.9285	112.3596	29.8723	0.8766	30.7489		108,931.8361	108,931.8361	1.6423	6.7880	110,995.7093

Highway 74 - Proposed Specific Plan - Riverside-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 Building Construction - 2030****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3109	68.3092	28.0624	0.3379	14.0960	0.6076	14.7036	4.0586	0.5812	4.6398		35,920.6498	35,920.6498	0.5195	5.2425	37,495.9138
Worker	20.5176	10.2036	211.7173	0.7006	97.3349	0.2966	97.6315	25.8137	0.2729	26.0866		70,811.8163	70,811.8163	1.0503	1.3903	71,252.3908
Total	22.8285	78.5127	239.7796	1.0385	111.4309	0.9042	112.3351	29.8723	0.8541	30.7264		106,732.4661	106,732.4661	1.5698	6.6329	108,748.3046

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3109	68.3092	28.0624	0.3379	14.0960	0.6076	14.7036	4.0586	0.5812	4.6398		35,920.6498	35,920.6498	0.5195	5.2425	37,495.9138
Worker	20.5176	10.2036	211.7173	0.7006	97.3349	0.2966	97.6315	25.8137	0.2729	26.0866		70,811.8163	70,811.8163	1.0503	1.3903	71,252.3908
Total	22.8285	78.5127	239.7796	1.0385	111.4309	0.9042	112.3351	29.8723	0.8541	30.7264		106,732.4661	106,732.4661	1.5698	6.6329	108,748.3046

Highway 74 - Proposed Specific Plan - Riverside-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 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	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3010	68.3216	28.0905	0.3320	14.0959	0.5857	14.6816	4.0585	0.5603	4.6188		35,303.4479	35,303.4479	0.5326	5.1447	36,849.8920
Worker	19.3366	9.5298	205.8046	0.6883	97.3349	0.2811	97.6160	25.8137	0.2587	26.0723		69,576.8776	69,576.8776	0.9802	1.3470	70,002.7956
Total	21.6376	77.8514	233.8951	1.0204	111.4308	0.8668	112.2976	29.8722	0.8189	30.6911		104,880.3255	104,880.3255	1.5128	6.4918	106,852.6875

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3010	68.3216	28.0905	0.3320	14.0959	0.5857	14.6816	4.0585	0.5603	4.6188		35,303.4479	35,303.4479	0.5326	5.1447	36,849.8920
Worker	19.3366	9.5298	205.8046	0.6883	97.3349	0.2811	97.6160	25.8137	0.2587	26.0723		69,576.8776	69,576.8776	0.9802	1.3470	70,002.7956
Total	21.6376	77.8514	233.8951	1.0204	111.4308	0.8668	112.2976	29.8722	0.8189	30.6911		104,880.3255	104,880.3255	1.5128	6.4918	106,852.6875

Highway 74 - Proposed Specific Plan - Riverside-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 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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.2996	67.9344	28.1104	0.3271	14.0958	0.5834	14.6792	4.0585	0.5581	4.6166		34,789.8828	34,789.8828	0.5447	5.0632	36,312.3453
Worker	18.2585	8.9532	198.6095	0.6764	97.3349	0.2632	97.5981	25.8137	0.2422	26.0559		68,365.3346	68,365.3346	0.9123	1.3092	68,778.2804
Total	20.5581	76.8876	226.7199	1.0035	111.4307	0.8466	112.2773	29.8722	0.8003	30.6724		103,155.2174	103,155.2174	1.4571	6.3724	105,090.6257

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.2996	67.9344	28.1104	0.3271	14.0958	0.5834	14.6792	4.0585	0.5581	4.6166		34,789.8828	34,789.8828	0.5447	5.0632	36,312.3453
Worker	18.2585	8.9532	198.6095	0.6764	97.3349	0.2632	97.5981	25.8137	0.2422	26.0559		68,365.3346	68,365.3346	0.9123	1.3092	68,778.2804
Total	20.5581	76.8876	226.7199	1.0035	111.4307	0.8466	112.2773	29.8722	0.8003	30.6724		103,155.2174	103,155.2174	1.4571	6.3724	105,090.6257

Highway 74 - Proposed Specific Plan - Riverside-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 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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3019	67.5921	28.1680	0.3228	14.0957	0.5812	14.6769	4.0584	0.5560	4.6144		34,335.1873	34,335.1873	0.5561	4.9914	35,836.5171
Worker	17.2913	8.4742	192.4040	0.6658	97.3349	0.2471	97.5820	25.8137	0.2274	26.0411		67,301.4021	67,301.4021	0.8531	1.2779	67,703.5400
Total	19.5931	76.0663	220.5720	0.9886	111.4306	0.8283	112.2589	29.8721	0.7834	30.6555		101,636.5894	101,636.5894	1.4092	6.2693	103,540.0571

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3019	67.5921	28.1680	0.3228	14.0957	0.5812	14.6769	4.0584	0.5560	4.6144		34,335.1873	34,335.1873	0.5561	4.9914	35,836.5171
Worker	17.2913	8.4742	192.4040	0.6658	97.3349	0.2471	97.5820	25.8137	0.2274	26.0411		67,301.4021	67,301.4021	0.8531	1.2779	67,703.5400
Total	19.5931	76.0663	220.5720	0.9886	111.4306	0.8283	112.2589	29.8721	0.7834	30.6555		101,636.5894	101,636.5894	1.4092	6.2693	103,540.0571

Highway 74 - Proposed Specific Plan - Riverside-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 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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3056	67.2461	28.2344	0.3188	14.0956	0.5786	14.6742	4.0584	0.5535	4.6119		33,921.2612	33,921.2612	0.5663	4.9262	35,403.4226
Worker	16.4114	8.0731	186.8089	0.6566	97.3349	0.2324	97.5673	25.8137	0.2139	26.0275		66,366.3665	66,366.3665	0.7998	1.2517	66,759.3533
Total	18.7170	75.3192	215.0433	0.9754	111.4305	0.8110	112.2415	29.8721	0.7673	30.6394		100,287.6277	100,287.6277	1.3661	6.1778	102,162.7759

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3056	67.2461	28.2344	0.3188	14.0956	0.5786	14.6742	4.0584	0.5535	4.6119		33,921.2612	33,921.2612	0.5663	4.9262	35,403.4226
Worker	16.4114	8.0731	186.8089	0.6566	97.3349	0.2324	97.5673	25.8137	0.2139	26.0275		66,366.3665	66,366.3665	0.7998	1.2517	66,759.3533
Total	18.7170	75.3192	215.0433	0.9754	111.4305	0.8110	112.2415	29.8721	0.7673	30.6394		100,287.6277	100,287.6277	1.3661	6.1778	102,162.7759

Highway 74 - Proposed Specific Plan - Riverside-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 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3098	66.9255	28.2987	0.3153	14.0955	0.5759	14.6714	4.0584	0.5509	4.6093		33,551.9559	33,551.9559	0.5748	4.8682	35,017.0394
Worker	15.6235	7.7600	182.0271	0.6485	97.3349	0.2192	97.5541	25.8137	0.2017	26.0154		65,551.4812	65,551.4812	0.7535	1.2309	65,937.1246
Total	17.9333	74.6855	210.3258	0.9638	111.4304	0.7951	112.2255	29.8721	0.7526	30.6247		99,103.4371	99,103.4371	1.3284	6.0991	100,954.1639

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3098	66.9255	28.2987	0.3153	14.0955	0.5759	14.6714	4.0584	0.5509	4.6093		33,551.9559	33,551.9559	0.5748	4.8682	35,017.0394
Worker	15.6235	7.7600	182.0271	0.6485	97.3349	0.2192	97.5541	25.8137	0.2017	26.0154		65,551.4812	65,551.4812	0.7535	1.2309	65,937.1246
Total	17.9333	74.6855	210.3258	0.9638	111.4304	0.7951	112.2255	29.8721	0.7526	30.6247		99,103.4371	99,103.4371	1.3284	6.0991	100,954.1639

Highway 74 - Proposed Specific Plan - Riverside-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 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3098	66.9255	28.2987	0.3153	14.0955	0.5759	14.6714	4.0584	0.5509	4.6093		33,551.9559	33,551.9559	0.5748	4.8682	35,017.0394
Worker	15.6235	7.7600	182.0271	0.6485	97.3349	0.2192	97.5541	25.8137	0.2017	26.0154		65,551.4812	65,551.4812	0.7535	1.2309	65,937.1246
Total	17.9333	74.6855	210.3258	0.9638	111.4304	0.7951	112.2255	29.8721	0.7526	30.6247		99,103.4371	99,103.4371	1.3284	6.0991	100,954.1639

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3098	66.9255	28.2987	0.3153	14.0955	0.5759	14.6714	4.0584	0.5509	4.6093		33,551.9559	33,551.9559	0.5748	4.8682	35,017.0394
Worker	15.6235	7.7600	182.0271	0.6485	97.3349	0.2192	97.5541	25.8137	0.2017	26.0154		65,551.4812	65,551.4812	0.7535	1.2309	65,937.1246
Total	17.9333	74.6855	210.3258	0.9638	111.4304	0.7951	112.2255	29.8721	0.7526	30.6247		99,103.4371	99,103.4371	1.3284	6.0991	100,954.1639

Highway 74 - Proposed Specific Plan - Riverside-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 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3098	66.9255	28.2987	0.3153	14.0955	0.5759	14.6714	4.0584	0.5509	4.6093		33,551.9559	33,551.9559	0.5748	4.8682	35,017.0394
Worker	15.6235	7.7600	182.0271	0.6485	97.3349	0.2192	97.5541	25.8137	0.2017	26.0154		65,551.4812	65,551.4812	0.7535	1.2309	65,937.1246
Total	17.9333	74.6855	210.3258	0.9638	111.4304	0.7951	112.2255	29.8721	0.7526	30.6247		99,103.4371	99,103.4371	1.3284	6.0991	100,954.1639

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3098	66.9255	28.2987	0.3153	14.0955	0.5759	14.6714	4.0584	0.5509	4.6093		33,551.9559	33,551.9559	0.5748	4.8682	35,017.0394
Worker	15.6235	7.7600	182.0271	0.6485	97.3349	0.2192	97.5541	25.8137	0.2017	26.0154		65,551.4812	65,551.4812	0.7535	1.2309	65,937.1246
Total	17.9333	74.6855	210.3258	0.9638	111.4304	0.7951	112.2255	29.8721	0.7526	30.6247		99,103.4371	99,103.4371	1.3284	6.0991	100,954.1639

Highway 74 - Proposed Specific Plan - Riverside-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 Building Construction - 2038****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3098	66.9255	28.2987	0.3153	14.0955	0.5759	14.6714	4.0584	0.5509	4.6093		33,551.9559	33,551.9559	0.5748	4.8682	35,017.0394
Worker	15.6235	7.7600	182.0271	0.6485	97.3349	0.2192	97.5541	25.8137	0.2017	26.0154		65,551.4812	65,551.4812	0.7535	1.2309	65,937.1246
Total	17.9333	74.6855	210.3258	0.9638	111.4304	0.7951	112.2255	29.8721	0.7526	30.6247		99,103.4371	99,103.4371	1.3284	6.0991	100,954.1639

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3098	66.9255	28.2987	0.3153	14.0955	0.5759	14.6714	4.0584	0.5509	4.6093		33,551.9559	33,551.9559	0.5748	4.8682	35,017.0394
Worker	15.6235	7.7600	182.0271	0.6485	97.3349	0.2192	97.5541	25.8137	0.2017	26.0154		65,551.4812	65,551.4812	0.7535	1.2309	65,937.1246
Total	17.9333	74.6855	210.3258	0.9638	111.4304	0.7951	112.2255	29.8721	0.7526	30.6247		99,103.4371	99,103.4371	1.3284	6.0991	100,954.1639

Highway 74 - Proposed Specific Plan - Riverside-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 Building Construction - 2039****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3098	66.9255	28.2987	0.3153	14.0955	0.5759	14.6714	4.0584	0.5509	4.6093		33,551.9559	33,551.9559	0.5748	4.8682	35,017.0394
Worker	15.6235	7.7600	182.0271	0.6485	97.3349	0.2192	97.5541	25.8137	0.2017	26.0154		65,551.4812	65,551.4812	0.7535	1.2309	65,937.1246
Total	17.9333	74.6855	210.3258	0.9638	111.4304	0.7951	112.2255	29.8721	0.7526	30.6247		99,103.4371	99,103.4371	1.3284	6.0991	100,954.1639

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3098	66.9255	28.2987	0.3153	14.0955	0.5759	14.6714	4.0584	0.5509	4.6093		33,551.9559	33,551.9559	0.5748	4.8682	35,017.0394
Worker	15.6235	7.7600	182.0271	0.6485	97.3349	0.2192	97.5541	25.8137	0.2017	26.0154		65,551.4812	65,551.4812	0.7535	1.2309	65,937.1246
Total	17.9333	74.6855	210.3258	0.9638	111.4304	0.7951	112.2255	29.8721	0.7526	30.6247		99,103.4371	99,103.4371	1.3284	6.0991	100,954.1639

Highway 74 - Proposed Specific Plan - Riverside-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 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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0338	0.5488	1.4700e-003	0.1677	7.8000e-004	0.1685	0.0445	7.2000e-004	0.0452		149.0611	149.0611	3.4500e-003	3.5200e-003	150.1959
Total	0.0548	0.0338	0.5488	1.4700e-003	0.1677	7.8000e-004	0.1685	0.0445	7.2000e-004	0.0452		149.0611	149.0611	3.4500e-003	3.5200e-003	150.1959

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0338	0.5488	1.4700e-003	0.1677	7.8000e-004	0.1685	0.0445	7.2000e-004	0.0452		149.0611	149.0611	3.4500e-003	3.5200e-003	150.1959
Total	0.0548	0.0338	0.5488	1.4700e-003	0.1677	7.8000e-004	0.1685	0.0445	7.2000e-004	0.0452		149.0611	149.0611	3.4500e-003	3.5200e-003	150.1959

Highway 74 - Proposed Specific Plan - Riverside-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 Paving - 2024****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0510	0.0301	0.5130	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		144.3160	144.3160	3.1200e-003	3.2700e-003	145.3683
Total	0.0510	0.0301	0.5130	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		144.3160	144.3160	3.1200e-003	3.2700e-003	145.3683

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0510	0.0301	0.5130	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		144.3160	144.3160	3.1200e-003	3.2700e-003	145.3683
Total	0.0510	0.0301	0.5130	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		144.3160	144.3160	3.1200e-003	3.2700e-003	145.3683

Highway 74 - Proposed Specific Plan - Riverside-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 Architectural Coating - 2023****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	215.8160					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	216.0076	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3604	3.9300	63.7348	0.1713	19.4715	0.0911	19.5625	5.1639	0.0838	5.2478		17,310.9567	17,310.9567	0.4002	0.4087	17,442.7460
Total	6.3604	3.9300	63.7348	0.1713	19.4715	0.0911	19.5625	5.1639	0.0838	5.2478		17,310.9567	17,310.9567	0.4002	0.4087	17,442.7460

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	215.8160					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	216.0076	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3604	3.9300	63.7348	0.1713	19.4715	0.0911	19.5625	5.1639	0.0838	5.2478		17,310.9567	17,310.9567	0.4002	0.4087	17,442.7460
Total	6.3604	3.9300	63.7348	0.1713	19.4715	0.0911	19.5625	5.1639	0.0838	5.2478		17,310.9567	17,310.9567	0.4002	0.4087	17,442.7460

Highway 74 - Proposed Specific Plan - Riverside-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 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	215.8160					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	215.9967	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9275	3.5006	59.5778	0.1658	19.4715	0.0869	19.5583	5.1639	0.0800	5.2439		16,759.9003	16,759.9003	0.3624	0.3797	16,882.1069
Total	5.9275	3.5006	59.5778	0.1658	19.4715	0.0869	19.5583	5.1639	0.0800	5.2439		16,759.9003	16,759.9003	0.3624	0.3797	16,882.1069

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	215.8160					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	215.9967	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9275	3.5006	59.5778	0.1658	19.4715	0.0869	19.5583	5.1639	0.0800	5.2439		16,759.9003	16,759.9003	0.3624	0.3797	16,882.1069
Total	5.9275	3.5006	59.5778	0.1658	19.4715	0.0869	19.5583	5.1639	0.0800	5.2439		16,759.9003	16,759.9003	0.3624	0.3797	16,882.1069

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

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	lb/day										lb/day					
Mitigated	464.7484	481.5449	4,472.6486	10.6265	1,460.1119	5.6457	1,465.7576	389.1164	5.3031	394.4195		1,082,957.1091	1,082,957.1091	50.2938	48.5341	1,098,677.6218
Unmitigated	464.7484	481.5449	4,472.6486	10.6265	1,460.1119	5.6457	1,465.7576	389.1164	5.3031	394.4195		1,082,957.1091	1,082,957.1091	50.2938	48.5341	1,098,677.6218

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	57,549.84	63,996.68	49373.36	195,812,197	195,812,197
City Park	3.34	8.39	9.37	14,163	14,163
Government (Civic Center)	19,183.07	0.00	0.00	42,314,158	42,314,158
Industrial Park	7,494.98	5,649.04	2757.80	26,066,639	26,066,639
Office Park	20,334.48	3,012.52	1396.04	51,201,509	51,201,509
Regional Shopping Center	107,396.49	131,208.63	60028.23	225,003,528	225,003,528
Single Family Housing	9,336.16	9,435.06	8455.95	31,521,669	31,521,669
Total	221,298.36	213,310.31	122,020.76	571,933,863	571,933,863

4.3 Trip Type Information

Appendix C	Miles	Trip %	Trip Purpose %
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Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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 Low 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
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
Industrial Park	16.60	8.40	6.90	59.00	28.00	13.00	79	19	2
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Single Family Housing	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 Low Rise	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
City Park	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Government (Civic Center)	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Industrial Park	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Office Park	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Regional Shopping Center	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Single Family Housing	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938

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
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Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category	lb/day										lb/day					
	NaturalGas Mitigated	4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929
NaturalGas Unmitigated	4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431

Highway 74 - Proposed Specific Plan - Riverside-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 Low Rise	325808	3.5136	30.0254	12.7768	0.1917		2.4276	2.4276		2.4276	2.4276		38,330.3479	38,330.3479	0.7347	0.7027	38,558.1260
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
Government (Civic Center)	5305.11	0.0572	0.5201	0.4369	3.1200e-003		0.0395	0.0395		0.0395	0.0395		624.1307	624.1307	0.0120	0.0114	627.8396
Industrial Park	20899.8	0.2254	2.0490	1.7212	0.0123		0.1557	0.1557		0.1557	0.1557		2,458.8031	2,458.8031	0.0471	0.0451	2,473.4145
Office Park	14544.2	0.1569	1.4259	1.1978	8.5600e-003		0.1084	0.1084		0.1084	0.1084		1,711.0849	1,711.0849	0.0328	0.0314	1,721.2531
Regional Shopping Center	17147.6	0.1849	1.6811	1.4122	0.0101		0.1278	0.1278		0.1278	0.1278		2,017.3628	2,017.3628	0.0387	0.0370	2,029.3510
Single Family Housing	76646	0.8266	7.0635	3.0057	0.0451		0.5711	0.5711		0.5711	0.5711		9,017.1744	9,017.1744	0.1728	0.1653	9,070.7590
Total		4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated

	Natural Gas 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 Low Rise	325.808	3.5136	30.0254	12.7768	0.1917		2.4276	2.4276		2.4276	2.4276		38,330.3479	38,330.3479	0.7347	0.7027	38,558.1260
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
Government (Civic Center)	5.30511	0.0572	0.5201	0.4369	3.1200e-003		0.0395	0.0395		0.0395	0.0395		624.1307	624.1307	0.0120	0.0114	627.8396
Industrial Park	20.8998	0.2254	2.0490	1.7212	0.0123		0.1557	0.1557		0.1557	0.1557		2,458.8031	2,458.8031	0.0471	0.0451	2,473.4145
Office Park	14.5442	0.1569	1.4259	1.1978	8.5600e-003		0.1084	0.1084		0.1084	0.1084		1,711.0849	1,711.0849	0.0328	0.0314	1,721.2531
Regional Shopping Center	17.1476	0.1849	1.6811	1.4122	0.0101		0.1278	0.1278		0.1278	0.1278		2,017.3628	2,017.3628	0.0387	0.0370	2,029.3510
Single Family Housing	76.646	0.8266	7.0635	3.0057	0.0451		0.5711	0.5711		0.5711	0.5711		9,017.1744	9,017.1744	0.1728	0.1653	9,070.7590
Total		4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use only Natural Gas Hearths

Highway 74 - Proposed Specific Plan - Riverside-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	402.1324	140.5386	783.9991	0.8821		14.7358	14.7358		14.7358	14.7358	0.0000	170,006.1193	170,006.1193	4.4889	3.0926	171,039.9507
Unmitigated	2,715.4362	192.0418	5,228.9615	11.5216		680.1652	680.1652		680.1652	680.1652	82,906.5948	160,634.4723	243,541.0670	248.4992	5.6271	251,430.4264

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	35.5026					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	338.8393					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	2,319.2806	183.6434	4,501.1923	11.4829		676.1130	676.1130		676.1130	676.1130	82,906.5948	159,318.0000	242,224.5948	247.2435	5.6271	250,082.5611
Landscaping	21.8137	8.3984	727.7692	0.0386		4.0521	4.0521		4.0521	4.0521		1,316.4723	1,316.4723	1.2557		1,347.8654
Total	2,715.4362	192.0418	5,228.9615	11.5216		680.1652	680.1652		680.1652	680.1652	82,906.5948	160,634.4723	243,541.0670	248.4992	5.6271	251,430.4264

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**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	26.0162					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	338.8393					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	15.4632	132.1402	56.2299	0.8435		10.6837	10.6837		10.6837	10.6837	0.0000	168,689.6471	168,689.6471	3.2332	3.0926	169,692.0853
Landscaping	21.8137	8.3984	727.7692	0.0386		4.0521	4.0521		4.0521	4.0521		1,316.4723	1,316.4723	1.2557		1,347.8654
Total	402.1324	140.5386	783.9991	0.8821		14.7358	14.7358		14.7358	14.7358	0.0000	170,006.1193	170,006.1193	4.4889	3.0926	171,039.9507

7.0 Water Detail**7.1 Mitigation Measures Water**

Highway 74 - Proposed Specific Plan - Riverside-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
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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
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Boilers

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

Equipment Type	Number
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11.0 Vegetation

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Highway 74 - Proposed Specific Plan

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	564.54	1000sqft	21.60	564,538.00	0
Office Park	1,836.90	1000sqft	187.42	1,836,900.00	0
Industrial Park	2,224.03	1000sqft	167.95	2,224,034.00	0
City Park	4.28	Acre	4.28	186,436.80	0
Apartments Low Rise	7,862.00	Dwelling Unit	294.40	7,862,000.00	25158
Single Family Housing	989.00	Dwelling Unit	1,092.63	1,780,200.00	3165
Regional Shopping Center	2,844.94	1000sqft	408.79	2,844,940.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			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 -

Land Use - Note 1

Construction Phase - Note 2

Demolition - Note 3

Grading -

Architectural Coating - Note 5

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Vehicle Trips - Note 4

Woodstoves -

Area Coating -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation - Note 5

Area Mitigation - Note 5

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	11,000.00	440.00
tblConstructionPhase	NumDays	155,000.00	6,200.00
tblConstructionPhase	NumDays	10,000.00	6,200.00
tblConstructionPhase	NumDays	15,500.00	620.00
tblConstructionPhase	NumDays	11,000.00	440.00
tblConstructionPhase	NumDays	6,000.00	240.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblLandUse	LandUseSquareFeet	564,540.00	564,538.00
tblAppUse C	LandUseSquareFeet	2,224,030.00	2,224,034.00

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblLandUse	LotAcreage	12.96	21.60
tblLandUse	LotAcreage	42.17	187.42
tblLandUse	LotAcreage	51.06	167.95
tblLandUse	LotAcreage	491.38	294.40
tblLandUse	LotAcreage	321.10	1,092.63
tblLandUse	LotAcreage	65.31	408.79
tblLandUse	Population	22,485.00	25,158.00
tblLandUse	Population	2,829.00	3,165.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	265.1691	210.9782	441.8508	1.5178	162.0672	6.1550	168.2223	49.2421	5.7168	54.9590	0.0000	154,461.3251	154,461.3251	8.3462	8.6320	157,242.3057
2024	259.7803	176.2923	402.2221	1.4424	142.2087	4.5940	146.8027	39.0862	4.2762	43.3624	0.0000	146,983.2974	146,983.2974	6.9358	8.3449	149,643.4812
2025	31.8457	124.2922	291.3069	1.1689	113.1422	2.4255	115.5677	30.1647	2.2731	32.4378	0.0000	119,700.7334	119,700.7334	3.7300	7.7007	122,088.7758
2026	30.2965	121.9788	276.9687	1.1393	113.1419	2.4007	115.5426	30.1646	2.2502	32.4148	0.0000	116,690.7813	116,690.7813	3.5962	7.4745	119,008.0982
2027	28.8739	119.9042	264.6664	1.1118	113.1417	2.3731	115.5149	30.1645	2.2246	32.3892	0.0000	113,883.6174	113,883.6174	3.4807	7.2621	116,134.7323
2028	27.5915	118.1989	254.4094	1.0869	113.1416	2.3453	115.4869	30.1645	2.1989	32.3634	0.0000	111,343.1772	111,343.1772	3.3849	7.0687	113,534.2570
2029	26.3697	116.7020	245.4710	1.0644	113.1415	2.3188	115.4603	30.1644	2.1744	32.3388	0.0000	109,053.0126	109,053.0126	3.3021	6.8938	111,189.9275
2030	25.1534 Appendix C	101.4211	237.4044	1.0556	113.1413	1.4133	114.5546	30.1644	1.3628	31.5272	0.0000	107,962.5860	107,962.5860	1.8843	6.7358	110,016.9546

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2031	24.0508	100.7477	232.3977	1.0384	113.1412	1.3756	114.5168	30.1643	1.3273	31.4916	0.0000	106,204.4647	106,204.4647	1.8266	6.5920	108,214.5418
2032	23.0572	99.7410	226.5869	1.0226	113.1411	1.3553	114.4964	30.1643	1.3085	31.4728	0.0000	104,584.2762	104,584.2762	1.7716	6.4705	106,556.7625
2033	22.1698	98.8855	221.6131	1.0086	113.1410	1.3369	114.4779	30.1643	1.2916	31.4558	0.0000	103,157.5538	103,157.5538	1.7243	6.3655	105,097.5638
2034	21.3757	98.1088	217.1525	0.9962	113.1409	1.3195	114.4604	30.1642	1.2754	31.4396	0.0000	101,889.3130	101,889.3130	1.6817	6.2725	103,800.5514
2035	20.3300	93.8073	213.0962	0.9853	113.1408	1.1215	114.2623	30.1642	1.0786	31.2428	0.0000	100,775.4647	100,775.4647	1.6112	6.1924	102,661.0778
2036	20.3300	93.8073	213.0962	0.9853	113.1408	1.1215	114.2623	30.1642	1.0786	31.2428	0.0000	100,775.4647	100,775.4647	1.6112	6.1924	102,661.0778
2037	20.3300	93.8073	213.0962	0.9853	113.1408	1.1215	114.2623	30.1642	1.0786	31.2428	0.0000	100,775.4647	100,775.4647	1.6112	6.1924	102,661.0778
2038	20.3300	93.8073	213.0962	0.9853	113.1408	1.1215	114.2623	30.1642	1.0786	31.2428	0.0000	100,775.4647	100,775.4647	1.6112	6.1924	102,661.0778
2039	20.3300	93.8073	213.0962	0.9853	113.1408	1.1215	114.2623	30.1642	1.0786	31.2428	0.0000	100,775.4647	100,775.4647	1.6112	6.1924	102,661.0778
Maximum	265.1691	210.9782	441.8508	1.5178	162.0672	6.1550	168.2223	49.2421	5.7168	54.9590	0.0000	154,461.3251	154,461.3251	8.3462	8.6320	157,242.3057

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	265.1691	210.9782	441.8508	1.5178	145.4085	6.1550	151.5635	41.5573	5.7168	47.2741	0.0000	154,461.3251	154,461.3251	8.3462	8.6320	157,242.3057
2024	259.7803	176.2923	402.2221	1.4424	136.3613	4.5940	140.9553	36.9578	4.2762	41.2340	0.0000	146,983.2974	146,983.2974	6.9358	8.3449	149,643.4812
2025	31.8457	124.2922	291.3069	1.1689	112.3568	2.4255	114.7823	30.0458	2.2731	32.3189	0.0000	119,700.7334	119,700.7334	3.7300	7.7007	122,088.7758
2026	30.2965	121.9788	276.9687	1.1393	112.3565	2.4007	114.7572	30.0457	2.2502	32.2959	0.0000	116,690.7813	116,690.7813	3.5962	7.4745	119,008.0982
2027	28.8739	119.9042	264.6664	1.1118	112.3563	2.3731	114.7295	30.0456	2.2246	32.2702	0.0000	113,883.6174	113,883.6174	3.4807	7.2621	116,134.7323
2028	27.5915	118.1989	254.4094	1.0869	112.3562	2.3453	114.7015	30.0456	2.1989	32.2445	0.0000	111,343.1772	111,343.1772	3.3849	7.0687	113,534.2570
2029	26.3697	116.7020	245.4710	1.0644	112.3561	2.3188	114.6749	30.0455	2.1744	32.2199	0.0000	109,053.0126	109,053.0126	3.3021	6.8938	111,189.9275
2030	25.1534	101.4211	237.4044	1.0556	112.3559	1.4133	113.7692	30.0455	1.3628	31.4082	0.0000	107,962.5860	107,962.5860	1.8843	6.7358	110,016.9546
2031	24.0508	100.7477	232.3977	1.0384	112.3558	1.3756	113.7314	30.0454	1.3273	31.3727	0.0000	106,204.4647	106,204.4647	1.8266	6.5920	108,214.5418
2032	23.0572	99.7410	226.5869	1.0226	112.3557	1.3553	113.7110	30.0454	1.3085	31.3539	0.0000	104,584.2762	104,584.2762	1.7716	6.4705	106,556.7625
2033	22.1698	98.8855	221.6131	1.0086	112.3556	1.3369	113.6925	30.0454	1.2916	31.3369	0.0000	103,157.5538	103,157.5538	1.7243	6.3655	105,097.5638
2034	21.3757	98.1088	217.1525	0.9962	112.3555	1.3195	113.6750	30.0453	1.2754	31.3207	0.0000	101,889.3130	101,889.3130	1.6817	6.2725	103,800.5514
2035	20.3300	93.8073	213.0962	0.9853	112.3554	1.1215	113.4769	30.0453	1.0786	31.1239	0.0000	100,775.4647	100,775.4647	1.6112	6.1924	102,661.0778
2036	20.3300	93.8073	213.0962	0.9853	112.3554	1.1215	113.4769	30.0453	1.0786	31.1239	0.0000	100,775.4647	100,775.4647	1.6112	6.1924	102,661.0778
2037	20.3300	93.8073	213.0962	0.9853	112.3554	1.1215	113.4769	30.0453	1.0786	31.1239	0.0000	100,775.4647	100,775.4647	1.6112	6.1924	102,661.0778
2038	20.3300	93.8073	213.0962	0.9853	112.3554	1.1215	113.4769	30.0453	1.0786	31.1239	0.0000	100,775.4647	100,775.4647	1.6112	6.1924	102,661.0778

Appendix C

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2039	20.3300	93.8073	213.0962	0.9853	112.3554	1.1215	113.4769	30.0453	1.0786	31.1239	0.0000	100,775.4647	100,775.4647	1.6112	6.1924	102,661.0778
Maximum	265.1691	210.9782	441.8508	1.5178	145.4085	6.1550	151.5635	41.5573	5.7168	47.2741	0.0000	154,461.3251	154,461.3251	8.3462	8.6320	157,242.3057

Highway 74 - Proposed Specific Plan - Riverside-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
Percent Reduction	0.00	0.00	0.00	0.00	1.71	0.00	1.68	2.14	0.00	2.02	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2,715.4362	192.0418	5,228.9615	11.5216		680.1652	680.1652		680.1652	680.1652	82,906.5948	160,634.4723	243,541.0670	248.4992	5.6271	251,430.4264
Energy	4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431
Mobile	389.0280	515.5491	4,028.1105	9.8603	1,460.1119	5.6518	1,465.7637	389.1164	5.3090	394.4254		1,005,277.8909	1,005,277.8909	51.4269	49.6362	1,021,355.1454
Total	3,109.4288	750.3559	9,277.6225	21.6526	1,460.1119	689.2471	2,149.3589	389.1164	688.9042	1,078.0206	82,906.5948	1,220,071.2669	1,302,977.8617	300.9642	56.2562	1,327,266.3149

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	402.1324	140.5386	783.9991	0.8821		14.7358	14.7358		14.7358	14.7358	0.0000	170,006.1193	170,006.1193	4.4889	3.0926	171,039.9507
Energy	4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431
Mobile	389.0280	515.5491	4,028.1105	9.8603	1,460.1119	5.6518	1,465.7637	389.1164	5.3090	394.4254		1,005,277.8909	1,005,277.8909	51.4269	49.6362	1,021,355.1454
Total	796.1250	698.8527	4,832.6601	11.0131	1,460.1119	23.8177	1,483.9296	389.1164	23.4749	412.5912	0.0000	1,229,442.9140	1,229,442.9140	56.9539	53.7217	1,246,875.8392

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	74.40	6.86	47.91	49.14	0.00	96.54	30.96	0.00	96.59	61.73	100.00	-0.77	5.64	81.08	4.51	6.06

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	12/22/2039	7	6200	
2	Site Preparation	Site Preparation	1/1/2023	8/28/2023	7	240	
3	Grading	Grading	1/1/2023	9/11/2024	7	620	
4	Building Construction	Building Construction	1/1/2023	12/22/2039	7	6200	
5	Paving Appendix C	Paving	1/1/2023	3/15/2024	7	440	

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6	Architectural Coating	Architectural Coating	1/1/2023	3/15/2024	7	440
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Acres of Grading (Site Preparation Phase): 360

Acres of Grading (Grading Phase): 1860

Acres of Paving: 0

Residential Indoor: 19,525,455; Residential Outdoor: 6,508,485; Non-Residential Indoor: 11,205,620; Non-Residential Outdoor: 3,735,207; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Architectural Coating	Air Compressors	1	6.00	78	0.48
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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
Demolition	6	15.00	0.00	40,660.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	8,708.00	2,201.00	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	1	1,742.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388	1.4280	0.9975	2.4255	0.2162	0.9280	1.1442		3,746.9840	3,746.9840	1.0494		3,773.2183

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0132	0.6939	0.1839	3.6100e-003	0.1148	7.9200e-003	0.1227	0.0315	7.5700e-003	0.0390		385.4262	385.4262	5.4000e-003	0.0607	403.6599
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0513	0.0351	0.4456	1.3400e-003	0.1677	7.8000e-004	0.1685	0.0445	7.2000e-004	0.0452		135.0635	135.0635	3.4300e-003	3.6000e-003	136.2226
Total	0.0645	0.7291	0.6295	4.9500e-003	0.2824	8.7000e-003	0.2911	0.0759	8.2900e-003	0.0842		520.4897	520.4897	8.8300e-003	0.0643	539.8825

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388	0.6426	0.9975	1.6401	0.0973	0.9280	1.0253	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0132	0.6939	0.1839	3.6100e-003	0.1148	7.9200e-003	0.1227	0.0315	7.5700e-003	0.0390		385.4262	385.4262	5.4000e-003	0.0607	403.6599
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0513	0.0351	0.4456	1.3400e-003	0.1677	7.8000e-004	0.1685	0.0445	7.2000e-004	0.0452		135.0635	135.0635	3.4300e-003	3.6000e-003	136.2226
Total	0.0645	0.7291	0.6295	4.9500e-003	0.2824	8.7000e-003	0.2911	0.0759	8.2900e-003	0.0842		520.4897	520.4897	8.8300e-003	0.0643	539.8825

Highway 74 - Proposed Specific Plan - Riverside-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 On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345
Total	2.2437	20.8781	19.7073	0.0388	1.4280	0.9602	2.3882	0.2162	0.8922	1.1084		3,747.4228	3,747.4228	1.0485		3,773.6345

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0132	0.6959	0.1859	3.5500e-003	0.1148	7.8700e-003	0.1226	0.0315	7.5300e-003	0.0390		379.1318	379.1318	5.7100e-003	0.0598	397.0814
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0480	0.0313	0.4168	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		130.7890	130.7890	3.1200e-003	3.3500e-003	131.8638
Total	0.0612	0.7272	0.6026	4.8400e-003	0.2824	8.6200e-003	0.2911	0.0759	8.2200e-003	0.0841		509.9208	509.9208	8.8300e-003	0.0631	528.9451

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345
Total	2.2437	20.8781	19.7073	0.0388	0.6426	0.9602	1.6028	0.0973	0.8922	0.9895	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0132	0.6959	0.1859	3.5500e-003	0.1148	7.8700e-003	0.1226	0.0315	7.5300e-003	0.0390		379.1318	379.1318	5.7100e-003	0.0598	397.0814
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0480	0.0313	0.4168	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		130.7890	130.7890	3.1200e-003	3.3500e-003	131.8638
Total	0.0612	0.7272	0.6026	4.8400e-003	0.2824	8.6200e-003	0.2911	0.0759	8.2200e-003	0.0841		509.9208	509.9208	8.8300e-003	0.0631	528.9451

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388	1.4280	0.8528	2.2808	0.2162	0.7920	1.0082		3,747.5996	3,747.5996	1.0464		3,773.7606

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0131	0.6892	0.1871	3.4700e-003	0.1148	7.8600e-003	0.1226	0.0315	7.5200e-003	0.0390		371.5614	371.5614	6.0200e-003	0.0586	389.1674
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0450	0.0280	0.3881	1.2500e-003	0.1677	7.1000e-004	0.1684	0.0445	6.5000e-004	0.0451		126.3625	126.3625	2.8200e-003	3.1200e-003	127.3630
Total	0.0581	0.7172	0.5752	4.7200e-003	0.2824	8.5700e-003	0.2910	0.0759	8.1700e-003	0.0841		497.9239	497.9239	8.8400e-003	0.0617	516.5305

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388	0.6426	0.8528	1.4954	0.0973	0.7920	0.8893	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0131	0.6892	0.1871	3.4700e-003	0.1148	7.8600e-003	0.1226	0.0315	7.5200e-003	0.0390		371.5614	371.5614	6.0200e-003	0.0586	389.1674
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0450	0.0280	0.3881	1.2500e-003	0.1677	7.1000e-004	0.1684	0.0445	6.5000e-004	0.0451		126.3625	126.3625	2.8200e-003	3.1200e-003	127.3630
Total	0.0581	0.7172	0.5752	4.7200e-003	0.2824	8.5700e-003	0.2910	0.0759	8.1700e-003	0.0841		497.9239	497.9239	8.8400e-003	0.0617	516.5305

Highway 74 - Proposed Specific Plan - Riverside-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 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388	1.4280	0.8528	2.2808	0.2162	0.7920	1.0082		3,747.5996	3,747.5996	1.0464		3,773.7606

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0131	0.6807	0.1882	3.4000e-003	0.1148	7.8000e-003	0.1226	0.0315	7.4600e-003	0.0389		363.7467	363.7467	6.3300e-003	0.0574	380.9972
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0423	0.0254	0.3639	1.2100e-003	0.1677	6.7000e-004	0.1683	0.0445	6.2000e-004	0.0451		122.4364	122.4364	2.5600e-003	2.9400e-003	123.3753
Total	0.0554	0.7061	0.5521	4.6100e-003	0.2824	8.4700e-003	0.2909	0.0759	8.0800e-003	0.0840		486.1831	486.1831	8.8900e-003	0.0603	504.3725

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388	0.6426	0.8528	1.4954	0.0973	0.7920	0.8893	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0131	0.6807	0.1882	3.4000e-003	0.1148	7.8000e-003	0.1226	0.0315	7.4600e-003	0.0389		363.7467	363.7467	6.3300e-003	0.0574	380.9972
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0423	0.0254	0.3639	1.2100e-003	0.1677	6.7000e-004	0.1683	0.0445	6.2000e-004	0.0451		122.4364	122.4364	2.5600e-003	2.9400e-003	123.3753
Total	0.0554	0.7061	0.5521	4.6100e-003	0.2824	8.4700e-003	0.2909	0.0759	8.0800e-003	0.0840		486.1831	486.1831	8.8900e-003	0.0603	504.3725

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388	1.4280	0.8528	2.2808	0.2162	0.7920	1.0082		3,747.5996	3,747.5996	1.0464		3,773.7606

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0130	0.6724	0.1892	3.3200e-003	0.1148	7.7400e-003	0.1225	0.0315	7.4100e-003	0.0389		355.6197	355.6197	6.5900e-003	0.0561	372.4987
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0399	0.0231	0.3431	1.1800e-003	0.1677	6.3000e-004	0.1683	0.0445	5.8000e-004	0.0451		118.9238	118.9238	2.3400e-003	2.7800e-003	119.8107
Total	0.0530	0.6954	0.5324	4.5000e-003	0.2824	8.3700e-003	0.2908	0.0759	7.9900e-003	0.0839		474.5434	474.5434	8.9300e-003	0.0589	492.3094

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388	0.6426	0.8528	1.4954	0.0973	0.7920	0.8893	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0130	0.6724	0.1892	3.3200e-003	0.1148	7.7400e-003	0.1225	0.0315	7.4100e-003	0.0389		355.6197	355.6197	6.5900e-003	0.0561	372.4987
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0399	0.0231	0.3431	1.1800e-003	0.1677	6.3000e-004	0.1683	0.0445	5.8000e-004	0.0451		118.9238	118.9238	2.3400e-003	2.7800e-003	119.8107
Total	0.0530	0.6954	0.5324	4.5000e-003	0.2824	8.3700e-003	0.2908	0.0759	7.9900e-003	0.0839		474.5434	474.5434	8.9300e-003	0.0589	492.3094

Highway 74 - Proposed Specific Plan - Riverside-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 - 2028****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388	1.4280	0.8528	2.2808	0.2162	0.7920	1.0082		3,747.5996	3,747.5996	1.0464		3,773.7606

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0130	0.6652	0.1903	3.2400e-003	0.1148	7.6900e-003	0.1224	0.0315	7.3500e-003	0.0388		347.6051	347.6051	6.8700e-003	0.0548	364.1180
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0378	0.0212	0.3258	1.1500e-003	0.1677	5.9000e-004	0.1683	0.0445	5.4000e-004	0.0450		115.8179	115.8179	2.1500e-003	2.6500e-003	116.6614
Total	0.0508	0.6864	0.5161	4.3900e-003	0.2824	8.2800e-003	0.2907	0.0759	7.8900e-003	0.0838		463.4230	463.4230	9.0200e-003	0.0575	480.7794

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388	0.6426	0.8528	1.4954	0.0973	0.7920	0.8893	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0130	0.6652	0.1903	3.2400e-003	0.1148	7.6900e-003	0.1224	0.0315	7.3500e-003	0.0388		347.6051	347.6051	6.8700e-003	0.0548	364.1180
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0378	0.0212	0.3258	1.1500e-003	0.1677	5.9000e-004	0.1683	0.0445	5.4000e-004	0.0450		115.8179	115.8179	2.1500e-003	2.6500e-003	116.6614
Total	0.0508	0.6864	0.5161	4.3900e-003	0.2824	8.2800e-003	0.2907	0.0759	7.8900e-003	0.0838		463.4230	463.4230	9.0200e-003	0.0575	480.7794

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388	1.4280	0.8528	2.2808	0.2162	0.7920	1.0082		3,747.5996	3,747.5996	1.0464		3,773.7606

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0130	0.6586	0.1913	3.1700e-003	0.1148	7.6300e-003	0.1224	0.0315	7.3000e-003	0.0388		340.0101	340.0101	7.1300e-003	0.0537	356.1760
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0357	0.0196	0.3106	1.1200e-003	0.1677	5.5000e-004	0.1682	0.0445	5.0000e-004	0.0450		113.0686	113.0686	1.9800e-003	2.5400e-003	113.8751
Total	0.0486	0.6782	0.5019	4.2900e-003	0.2824	8.1800e-003	0.2906	0.0759	7.8000e-003	0.0837		453.0786	453.0786	9.1100e-003	0.0562	470.0512

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388	0.6426	0.8528	1.4954	0.0973	0.7920	0.8893	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0130	0.6586	0.1913	3.1700e-003	0.1148	7.6300e-003	0.1224	0.0315	7.3000e-003	0.0388		340.0101	340.0101	7.1300e-003	0.0537	356.1760
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0357	0.0196	0.3106	1.1200e-003	0.1677	5.5000e-004	0.1682	0.0445	5.0000e-004	0.0450		113.0686	113.0686	1.9800e-003	2.5400e-003	113.8751
Total	0.0486	0.6782	0.5019	4.2900e-003	0.2824	8.1800e-003	0.2906	0.0759	7.8000e-003	0.0837		453.0786	453.0786	9.1100e-003	0.0562	470.0512

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462	1.4280	0.3511	1.7791	0.2162	0.3511	0.5673		4,378.5819	4,378.5819	0.1847		4,383.2000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0129	0.6525	0.1923	3.1000e-003	0.1148	7.5800e-003	0.1223	0.0315	7.2500e-003	0.0387		332.8634	332.8634	7.3800e-003	0.0525	348.7029
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0338	0.0182	0.2976	1.0900e-003	0.1677	5.1000e-004	0.1682	0.0445	4.7000e-004	0.0449		110.6403	110.6403	1.8300e-003	2.4500e-003	111.4155
Total	0.0467	0.6707	0.4899	4.1900e-003	0.2824	8.0900e-003	0.2905	0.0759	7.7200e-003	0.0837		443.5038	443.5038	9.2100e-003	0.0550	460.1184

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462	0.6426	0.3511	0.9937	0.0973	0.3511	0.4484	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0129	0.6525	0.1923	3.1000e-003	0.1148	7.5800e-003	0.1223	0.0315	7.2500e-003	0.0387		332.8634	332.8634	7.3800e-003	0.0525	348.7029
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0338	0.0182	0.2976	1.0900e-003	0.1677	5.1000e-004	0.1682	0.0445	4.7000e-004	0.0449		110.6403	110.6403	1.8300e-003	2.4500e-003	111.4155
Total	0.0467	0.6707	0.4899	4.1900e-003	0.2824	8.0900e-003	0.2905	0.0759	7.7200e-003	0.0837		443.5038	443.5038	9.2100e-003	0.0550	460.1184

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462	1.4280	0.3511	1.7791	0.2162	0.3511	0.5673		4,378.5819	4,378.5819	0.1847		4,383.2000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0128	0.6532	0.1938	3.0400e-003	0.1148	7.3200e-003	0.1221	0.0315	7.0000e-003	0.0385		326.1621	326.1621	7.6100e-003	0.0515	341.6952
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0319	0.0170	0.2890	1.0800e-003	0.1677	4.8000e-004	0.1682	0.0445	4.5000e-004	0.0449		108.6921	108.6921	1.7100e-003	2.3700e-003	109.4413
Total	0.0447	0.6702	0.4828	4.1200e-003	0.2824	7.8000e-003	0.2902	0.0759	7.4500e-003	0.0834		434.8542	434.8542	9.3200e-003	0.0539	451.1365

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462	0.6426	0.3511	0.9937	0.0973	0.3511	0.4484	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0128	0.6532	0.1938	3.0400e-003	0.1148	7.3200e-003	0.1221	0.0315	7.0000e-003	0.0385		326.1621	326.1621	7.6100e-003	0.0515	341.6952
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0319	0.0170	0.2890	1.0800e-003	0.1677	4.8000e-004	0.1682	0.0445	4.5000e-004	0.0449		108.6921	108.6921	1.7100e-003	2.3700e-003	109.4413
Total	0.0447	0.6702	0.4828	4.1200e-003	0.2824	7.8000e-003	0.2902	0.0759	7.4500e-003	0.0834		434.8542	434.8542	9.3200e-003	0.0539	451.1365

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462	1.4280	0.3511	1.7791	0.2162	0.3511	0.5673		4,378.5819	4,378.5819	0.1847		4,383.2000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0128	0.6485	0.1949	2.9800e-003	0.1148	7.2800e-003	0.1220	0.0315	6.9700e-003	0.0384		320.4238	320.4238	7.8200e-003	0.0506	335.6948
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0302	0.0160	0.2789	1.0600e-003	0.1677	4.5000e-004	0.1681	0.0445	4.2000e-004	0.0449		106.8008	106.8008	1.5900e-003	2.3000e-003	107.5272
Total	0.0430	0.6645	0.4739	4.0400e-003	0.2824	7.7300e-003	0.2902	0.0759	7.3900e-003	0.0833		427.2246	427.2246	9.4100e-003	0.0529	443.2221

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462	0.6426	0.3511	0.9937	0.0973	0.3511	0.4484	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0128	0.6485	0.1949	2.9800e-003	0.1148	7.2800e-003	0.1220	0.0315	6.9700e-003	0.0384		320.4238	320.4238	7.8200e-003	0.0506	335.6948
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0302	0.0160	0.2789	1.0600e-003	0.1677	4.5000e-004	0.1681	0.0445	4.2000e-004	0.0449		106.8008	106.8008	1.5900e-003	2.3000e-003	107.5272
Total	0.0430	0.6645	0.4739	4.0400e-003	0.2824	7.7300e-003	0.2902	0.0759	7.3900e-003	0.0833		427.2246	427.2246	9.4100e-003	0.0529	443.2221

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462	1.4280	0.3511	1.7791	0.2162	0.3511	0.5673		4,378.5819	4,378.5819	0.1847		4,383.2000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0128	0.6443	0.1961	2.9300e-003	0.1148	7.2500e-003	0.1220	0.0315	6.9300e-003	0.0384		315.3761	315.3761	8.0100e-003	0.0498	330.4168
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0286	0.0151	0.2703	1.0400e-003	0.1677	4.3000e-004	0.1681	0.0445	3.9000e-004	0.0449		105.1395	105.1395	1.4900e-003	2.2500e-003	105.8469
Total	0.0415	0.6594	0.4664	3.9700e-003	0.2824	7.6800e-003	0.2901	0.0759	7.3200e-003	0.0833		420.5156	420.5156	9.5000e-003	0.0521	436.2637

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462	0.6426	0.3511	0.9937	0.0973	0.3511	0.4484	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0128	0.6443	0.1961	2.9300e-003	0.1148	7.2500e-003	0.1220	0.0315	6.9300e-003	0.0384		315.3761	315.3761	8.0100e-003	0.0498	330.4168
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0286	0.0151	0.2703	1.0400e-003	0.1677	4.3000e-004	0.1681	0.0445	3.9000e-004	0.0449		105.1395	105.1395	1.4900e-003	2.2500e-003	105.8469
Total	0.0415	0.6594	0.4664	3.9700e-003	0.2824	7.6800e-003	0.2901	0.0759	7.3200e-003	0.0833		420.5156	420.5156	9.5000e-003	0.0521	436.2637

Highway 74 - Proposed Specific Plan - Riverside-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

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462	1.4280	0.3511	1.7791	0.2162	0.3511	0.5673		4,378.5819	4,378.5819	0.1847		4,383.2000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0128	0.6401	0.1972	2.8900e-003	0.1148	7.2100e-003	0.1220	0.0315	6.9000e-003	0.0384		310.8327	310.8327	8.1800e-003	0.0491	325.6660
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0144	0.2625	1.0300e-003	0.1677	4.0000e-004	0.1681	0.0445	3.7000e-004	0.0448		103.6794	103.6794	1.4000e-003	2.2000e-003	104.3707
Total	0.0401	0.6545	0.4597	3.9200e-003	0.2824	7.6100e-003	0.2900	0.0759	7.2700e-003	0.0832		414.5121	414.5121	9.5800e-003	0.0513	430.0368

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000
Total	2.0746	9.7770	18.9168	0.0462	0.6426	0.3511	0.9937	0.0973	0.3511	0.4484	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0128	0.6401	0.1972	2.8900e-003	0.1148	7.2100e-003	0.1220	0.0315	6.9000e-003	0.0384		310.8327	310.8327	8.1800e-003	0.0491	325.6660
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0144	0.2625	1.0300e-003	0.1677	4.0000e-004	0.1681	0.0445	3.7000e-004	0.0448		103.6794	103.6794	1.4000e-003	2.2000e-003	104.3707
Total	0.0401	0.6545	0.4597	3.9200e-003	0.2824	7.6100e-003	0.2900	0.0759	7.2700e-003	0.0832		414.5121	414.5121	9.5800e-003	0.0513	430.0368

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	1.4280	0.2267	1.6547	0.2162	0.2267	0.4430		4,378.5819	4,378.5819	0.1599		4,382.5795

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0129	0.6364	0.1982	2.8500e-003	0.1148	7.1800e-003	0.1219	0.0315	6.8700e-003	0.0383		306.8186	306.8186	8.3200e-003	0.0485	321.4683
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0138	0.2558	1.0100e-003	0.1677	3.8000e-004	0.1680	0.0445	3.5000e-004	0.0448		102.4071	102.4071	1.3200e-003	2.1700e-003	103.0855
Total	0.0389	0.6502	0.4540	3.8600e-003	0.2824	7.5600e-003	0.2900	0.0759	7.2200e-003	0.0831		409.2257	409.2257	9.6400e-003	0.0506	424.5538

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	0.6426	0.2267	0.8693	0.0973	0.2267	0.3240	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0129	0.6364	0.1982	2.8500e-003	0.1148	7.1800e-003	0.1219	0.0315	6.8700e-003	0.0383		306.8186	306.8186	8.3200e-003	0.0485	321.4683
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0138	0.2558	1.0100e-003	0.1677	3.8000e-004	0.1680	0.0445	3.5000e-004	0.0448		102.4071	102.4071	1.3200e-003	2.1700e-003	103.0855
Total	0.0389	0.6502	0.4540	3.8600e-003	0.2824	7.5600e-003	0.2900	0.0759	7.2200e-003	0.0831		409.2257	409.2257	9.6400e-003	0.0506	424.5538

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	1.4280	0.2267	1.6547	0.2162	0.2267	0.4430		4,378.5819	4,378.5819	0.1599		4,382.5795

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0129	0.6364	0.1982	2.8500e-003	0.1148	7.1800e-003	0.1219	0.0315	6.8700e-003	0.0383		306.8186	306.8186	8.3200e-003	0.0485	321.4683
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0138	0.2558	1.0100e-003	0.1677	3.8000e-004	0.1680	0.0445	3.5000e-004	0.0448		102.4071	102.4071	1.3200e-003	2.1700e-003	103.0855
Total	0.0389	0.6502	0.4540	3.8600e-003	0.2824	7.5600e-003	0.2900	0.0759	7.2200e-003	0.0831		409.2257	409.2257	9.6400e-003	0.0506	424.5538

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	0.6426	0.2267	0.8693	0.0973	0.2267	0.3240	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0129	0.6364	0.1982	2.8500e-003	0.1148	7.1800e-003	0.1219	0.0315	6.8700e-003	0.0383		306.8186	306.8186	8.3200e-003	0.0485	321.4683
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0138	0.2558	1.0100e-003	0.1677	3.8000e-004	0.1680	0.0445	3.5000e-004	0.0448		102.4071	102.4071	1.3200e-003	2.1700e-003	103.0855
Total	0.0389	0.6502	0.4540	3.8600e-003	0.2824	7.5600e-003	0.2900	0.0759	7.2200e-003	0.0831		409.2257	409.2257	9.6400e-003	0.0506	424.5538

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					
Fugitive Dust					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	1.4280	0.2267	1.6547	0.2162	0.2267	0.4430		4,378.5819	4,378.5819	0.1599		4,382.5795

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0129	0.6364	0.1982	2.8500e-003	0.1148	7.1800e-003	0.1219	0.0315	6.8700e-003	0.0383		306.8186	306.8186	8.3200e-003	0.0485	321.4683
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0138	0.2558	1.0100e-003	0.1677	3.8000e-004	0.1680	0.0445	3.5000e-004	0.0448		102.4071	102.4071	1.3200e-003	2.1700e-003	103.0855
Total	0.0389	0.6502	0.4540	3.8600e-003	0.2824	7.5600e-003	0.2900	0.0759	7.2200e-003	0.0831		409.2257	409.2257	9.6400e-003	0.0506	424.5538

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	0.6426	0.2267	0.8693	0.0973	0.2267	0.3240	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0129	0.6364	0.1982	2.8500e-003	0.1148	7.1800e-003	0.1219	0.0315	6.8700e-003	0.0383		306.8186	306.8186	8.3200e-003	0.0485	321.4683
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0138	0.2558	1.0100e-003	0.1677	3.8000e-004	0.1680	0.0445	3.5000e-004	0.0448		102.4071	102.4071	1.3200e-003	2.1700e-003	103.0855
Total	0.0389	0.6502	0.4540	3.8600e-003	0.2824	7.5600e-003	0.2900	0.0759	7.2200e-003	0.0831		409.2257	409.2257	9.6400e-003	0.0506	424.5538

Highway 74 - Proposed Specific Plan - Riverside-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 - 2038****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	1.4280	0.2267	1.6547	0.2162	0.2267	0.4430		4,378.5819	4,378.5819	0.1599		4,382.5795

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0129	0.6364	0.1982	2.8500e-003	0.1148	7.1800e-003	0.1219	0.0315	6.8700e-003	0.0383		306.8186	306.8186	8.3200e-003	0.0485	321.4683
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0138	0.2558	1.0100e-003	0.1677	3.8000e-004	0.1680	0.0445	3.5000e-004	0.0448		102.4071	102.4071	1.3200e-003	2.1700e-003	103.0855
Total	0.0389	0.6502	0.4540	3.8600e-003	0.2824	7.5600e-003	0.2900	0.0759	7.2200e-003	0.0831		409.2257	409.2257	9.6400e-003	0.0506	424.5538

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	0.6426	0.2267	0.8693	0.0973	0.2267	0.3240	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0129	0.6364	0.1982	2.8500e-003	0.1148	7.1800e-003	0.1219	0.0315	6.8700e-003	0.0383		306.8186	306.8186	8.3200e-003	0.0485	321.4683
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0138	0.2558	1.0100e-003	0.1677	3.8000e-004	0.1680	0.0445	3.5000e-004	0.0448		102.4071	102.4071	1.3200e-003	2.1700e-003	103.0855
Total	0.0389	0.6502	0.4540	3.8600e-003	0.2824	7.5600e-003	0.2900	0.0759	7.2200e-003	0.0831		409.2257	409.2257	9.6400e-003	0.0506	424.5538

Highway 74 - Proposed Specific Plan - Riverside-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 - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.4280	0.0000	1.4280	0.2162	0.0000	0.2162			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267		4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	1.4280	0.2267	1.6547	0.2162	0.2267	0.4430		4,378.5819	4,378.5819	0.1599		4,382.5795

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0129	0.6364	0.1982	2.8500e-003	0.1148	7.1800e-003	0.1219	0.0315	6.8700e-003	0.0383		306.8186	306.8186	8.3200e-003	0.0485	321.4683
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0138	0.2558	1.0100e-003	0.1677	3.8000e-004	0.1680	0.0445	3.5000e-004	0.0448		102.4071	102.4071	1.3200e-003	2.1700e-003	103.0855
Total	0.0389	0.6502	0.4540	3.8600e-003	0.2824	7.5600e-003	0.2900	0.0759	7.2200e-003	0.0831		409.2257	409.2257	9.6400e-003	0.0506	424.5538

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6426	0.0000	0.6426	0.0973	0.0000	0.0973			0.0000			0.0000
Off-Road	1.8311	6.9070	18.7067	0.0462		0.2267	0.2267		0.2267	0.2267	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795
Total	1.8311	6.9070	18.7067	0.0462	0.6426	0.2267	0.8693	0.0973	0.2267	0.3240	0.0000	4,378.5819	4,378.5819	0.1599		4,382.5795

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0129	0.6364	0.1982	2.8500e-003	0.1148	7.1800e-003	0.1219	0.0315	6.8700e-003	0.0383		306.8186	306.8186	8.3200e-003	0.0485	321.4683
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0138	0.2558	1.0100e-003	0.1677	3.8000e-004	0.1680	0.0445	3.5000e-004	0.0448		102.4071	102.4071	1.3200e-003	2.1700e-003	103.0855
Total	0.0389	0.6502	0.4540	3.8600e-003	0.2824	7.5600e-003	0.2900	0.0759	7.2200e-003	0.0831		409.2257	409.2257	9.6400e-003	0.0506	424.5538

Highway 74 - Proposed Specific Plan - Riverside-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 - 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					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	19.6570	1.2660	20.9230	10.1025	1.1647	11.2672		3,687.3081	3,687.3081	1.1926		3,717.1219

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0616	0.0421	0.5348	1.6000e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		162.0762	162.0762	4.1200e-003	4.3200e-003	163.4672
Total	0.0616	0.0421	0.5348	1.6000e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		162.0762	162.0762	4.1200e-003	4.3200e-003	163.4672

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	8.8457	1.2660	10.1117	4.5461	1.1647	5.7108	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0616	0.0421	0.5348	1.6000e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		162.0762	162.0762	4.1200e-003	4.3200e-003	163.4672
Total	0.0616	0.0421	0.5348	1.6000e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		162.0762	162.0762	4.1200e-003	4.3200e-003	163.4672

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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 - 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					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	9.2036	1.4245	10.6281	3.6538	1.3105	4.9643		6,011.4777	6,011.4777	1.9442		6,060.0836

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0684	0.0468	0.5942	1.7800e-003	0.2236	1.0500e-003	0.2246	0.0593	9.6000e-004	0.0603		180.0847	180.0847	4.5800e-003	4.8000e-003	181.6302
Total	0.0684	0.0468	0.5942	1.7800e-003	0.2236	1.0500e-003	0.2246	0.0593	9.6000e-004	0.0603		180.0847	180.0847	4.5800e-003	4.8000e-003	181.6302

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					4.1416	0.0000	4.1416	1.6442	0.0000	1.6442			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	4.1416	1.4245	5.5661	1.6442	1.3105	2.9547	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0684	0.0468	0.5942	1.7800e-003	0.2236	1.0500e-003	0.2246	0.0593	9.6000e-004	0.0603		180.0847	180.0847	4.5800e-003	4.8000e-003	181.6302
Total	0.0684	0.0468	0.5942	1.7800e-003	0.2236	1.0500e-003	0.2246	0.0593	9.6000e-004	0.0603		180.0847	180.0847	4.5800e-003	4.8000e-003	181.6302

Highway 74 - Proposed Specific Plan - Riverside-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 On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286		6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	9.2036	1.3354	10.5390	3.6538	1.2286	4.8823		6,009.7487	6,009.7487	1.9437		6,058.3405

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0640	0.0417	0.5557	1.7300e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		174.3853	174.3853	4.1600e-003	4.4600e-003	175.8183
Total	0.0640	0.0417	0.5557	1.7300e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		174.3853	174.3853	4.1600e-003	4.4600e-003	175.8183

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					4.1416	0.0000	4.1416	1.6442	0.0000	1.6442			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	4.1416	1.3354	5.4770	1.6442	1.2286	2.8728	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0640	0.0417	0.5557	1.7300e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		174.3853	174.3853	4.1600e-003	4.4600e-003	175.8183
Total	0.0640	0.0417	0.5557	1.7300e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		174.3853	174.3853	4.1600e-003	4.4600e-003	175.8183

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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 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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.2974	76.2601	30.6051	0.3855	14.0974	0.6285	14.7259	4.0591	0.6012	4.6603		40,879.3489	40,879.3489	0.4076	6.0459	42,691.2043
Worker	29.8009	20.3836	258.7097	0.7757	97.3349	0.4552	97.7901	25.8137	0.4191	26.2327		78,408.8737	78,408.8737	1.9939	2.0908	79,081.7783
Total	32.0983	96.6437	289.3147	1.1613	111.4323	1.0837	112.5160	29.8728	1.0203	30.8930		119,288.2225	119,288.2225	2.4015	8.1367	121,772.9826

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.2974	76.2601	30.6051	0.3855	14.0974	0.6285	14.7259	4.0591	0.6012	4.6603		40,879.3489	40,879.3489	0.4076	6.0459	42,691.2043
Worker	29.8009	20.3836	258.7097	0.7757	97.3349	0.4552	97.7901	25.8137	0.4191	26.2327		78,408.8737	78,408.8737	1.9939	2.0908	79,081.7783
Total	32.0983	96.6437	289.3147	1.1613	111.4323	1.0837	112.5160	29.8728	1.0203	30.8930		119,288.2225	119,288.2225	2.4015	8.1367	121,772.9826

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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 Building Construction - 2024****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.2590	76.2706	30.2630	0.3795	14.0971	0.6242	14.7213	4.0590	0.5971	4.6561		40,250.0077	40,250.0077	0.4223	5.9436	42,031.7506
Worker	27.8571	18.1487	241.9500	0.7512	97.3349	0.4342	97.7691	25.8137	0.3997	26.2134		75,927.3678	75,927.3678	1.8092	1.9420	76,551.3031
Total	30.1161	94.4193	272.2130	1.1306	111.4320	1.0584	112.4905	29.8727	0.9968	30.8695		116,177.3755	116,177.3755	2.2315	7.8855	118,583.0537

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.2590	76.2706	30.2630	0.3795	14.0971	0.6242	14.7213	4.0590	0.5971	4.6561		40,250.0077	40,250.0077	0.4223	5.9436	42,031.7506
Worker	27.8571	18.1487	241.9500	0.7512	97.3349	0.4342	97.7691	25.8137	0.3997	26.2134		75,927.3678	75,927.3678	1.8092	1.9420	76,551.3031
Total	30.1161	94.4193	272.2130	1.1306	111.4320	1.0584	112.4905	29.8727	0.9968	30.8695		116,177.3755	116,177.3755	2.2315	7.8855	118,583.0537

Highway 74 - Proposed Specific Plan - Riverside-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 Building Construction - 2025****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.2276	75.6461	29.9313	0.3726	14.0969	0.6246	14.7214	4.0589	0.5975	4.6564		39,541.0806	39,541.0806	0.4382	5.8271	41,288.5046
Worker	26.1001	16.2627	225.2974	0.7258	97.3349	0.4121	97.7470	25.8137	0.3793	26.1929		73,357.6550	73,357.6550	1.6356	1.8119	73,938.4821
Total	28.3277	91.9087	255.2287	1.0984	111.4318	1.0366	112.4684	29.8726	0.9768	30.8493		112,898.7356	112,898.7356	2.0738	7.6390	115,226.9867

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.2276	75.6461	29.9313	0.3726	14.0969	0.6246	14.7214	4.0589	0.5975	4.6564		39,541.0806	39,541.0806	0.4382	5.8271	41,288.5046
Worker	26.1001	16.2627	225.2974	0.7258	97.3349	0.4121	97.7470	25.8137	0.3793	26.1929		73,357.6550	73,357.6550	1.6356	1.8119	73,938.4821
Total	28.3277	91.9087	255.2287	1.0984	111.4318	1.0366	112.4684	29.8726	0.9768	30.8493		112,898.7356	112,898.7356	2.0738	7.6390	115,226.9867

Highway 74 - Proposed Specific Plan - Riverside-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 Building Construction - 2026****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1993	74.8928	29.6532	0.3657	14.0966	0.6219	14.7185	4.0588	0.5949	4.6537		38,822.0921	38,822.0921	0.4540	5.7099	40,534.9988
Worker	24.5817	14.7137	211.2604	0.7032	97.3349	0.3900	97.7249	25.8137	0.3589	26.1726		71,078.4322	71,078.4322	1.4859	1.7043	71,623.4683
Total	26.7811	89.6065	240.9136	1.0689	111.4315	1.0119	112.4434	29.8725	0.9538	30.8263		109,900.5243	109,900.5243	1.9399	7.4142	112,158.4671

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1993	74.8928	29.6532	0.3657	14.0966	0.6219	14.7185	4.0588	0.5949	4.6537		38,822.0921	38,822.0921	0.4540	5.7099	40,534.9988
Worker	24.5817	14.7137	211.2604	0.7032	97.3349	0.3900	97.7249	25.8137	0.3589	26.1726		71,078.4322	71,078.4322	1.4859	1.7043	71,623.4683
Total	26.7811	89.6065	240.9136	1.0689	111.4315	1.0119	112.4434	29.8725	0.9538	30.8263		109,900.5243	109,900.5243	1.9399	7.4142	112,158.4671

Highway 74 - Proposed Specific Plan - Riverside-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 Building Construction - 2027****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1751	74.1376	29.4267	0.3585	14.0964	0.6184	14.7149	4.0587	0.5916	4.6503		38,065.7983	38,065.7983	0.4680	5.5892	39,743.0759
Worker	23.1858	13.4049	199.2043	0.6830	97.3349	0.3660	97.7009	25.8137	0.3368	26.1505		69,039.2017	69,039.2017	1.3564	1.6140	69,554.0884
Total	25.3609	87.5425	228.6310	1.0415	111.4313	0.9844	112.4157	29.8724	0.9284	30.8008		107,105.0000	107,105.0000	1.8244	7.2032	109,297.1643

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1751	74.1376	29.4267	0.3585	14.0964	0.6184	14.7149	4.0587	0.5916	4.6503		38,065.7983	38,065.7983	0.4680	5.5892	39,743.0759
Worker	23.1858	13.4049	199.2043	0.6830	97.3349	0.3660	97.7009	25.8137	0.3368	26.1505		69,039.2017	69,039.2017	1.3564	1.6140	69,554.0884
Total	25.3609	87.5425	228.6310	1.0415	111.4313	0.9844	112.4157	29.8724	0.9284	30.8008		107,105.0000	107,105.0000	1.8244	7.2032	109,297.1643

Highway 74 - Proposed Specific Plan - Riverside-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 Building Construction - 2028****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1573	73.5367	29.2700	0.3515	14.0963	0.6155	14.7118	4.0587	0.5888	4.6475		37,339.5435	37,339.5435	0.4829	5.4724	38,982.3937
Worker	21.9234	12.3096	189.1203	0.6652	97.3349	0.3412	97.6761	25.8137	0.3140	26.1277		67,236.1367	67,236.1367	1.2456	1.5388	67,725.8252
Total	24.0808	85.8463	218.3903	1.0167	111.4312	0.9567	112.3879	29.8723	0.9028	30.7751		104,575.6803	104,575.6803	1.7285	7.0112	106,708.2189

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1573	73.5367	29.2700	0.3515	14.0963	0.6155	14.7118	4.0587	0.5888	4.6475		37,339.5435	37,339.5435	0.4829	5.4724	38,982.3937
Worker	21.9234	12.3096	189.1203	0.6652	97.3349	0.3412	97.6761	25.8137	0.3140	26.1277		67,236.1367	67,236.1367	1.2456	1.5388	67,725.8252
Total	24.0808	85.8463	218.3903	1.0167	111.4312	0.9567	112.3879	29.8723	0.9028	30.7751		104,575.6803	104,575.6803	1.7285	7.0112	106,708.2189

Highway 74 - Proposed Specific Plan - Riverside-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 Building Construction - 2029****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1427	72.9895	29.1468	0.3450	14.0961	0.6124	14.7085	4.0586	0.5858	4.6444		36,655.7959	36,655.7959	0.4975	5.3627	38,266.3200
Worker	20.7183	11.3681	180.3193	0.6494	97.3349	0.3179	97.6529	25.8137	0.2926	26.1062		65,640.0642	65,640.0642	1.1482	1.4749	66,108.2977
Total	22.8610	84.3576	209.4660	0.9944	111.4310	0.9303	112.3614	29.8723	0.8784	30.7507		102,295.8601	102,295.8601	1.6456	6.8376	104,374.6177

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1427	72.9895	29.1468	0.3450	14.0961	0.6124	14.7085	4.0586	0.5858	4.6444		36,655.7959	36,655.7959	0.4975	5.3627	38,266.3200
Worker	20.7183	11.3681	180.3193	0.6494	97.3349	0.3179	97.6529	25.8137	0.2926	26.1062		65,640.0642	65,640.0642	1.1482	1.4749	66,108.2977
Total	22.8610	84.3576	209.4660	0.9944	111.4310	0.9303	112.3614	29.8723	0.8784	30.7507		102,295.8601	102,295.8601	1.6456	6.8376	104,374.6177

Highway 74 - Proposed Specific Plan - Riverside-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 Building Construction - 2030****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1316	72.4771	29.0575	0.3388	14.0960	0.6093	14.7054	4.0586	0.5829	4.6415		36,012.5543	36,012.5543	0.5113	5.2598	37,592.7542
Worker	19.5914	10.5617	172.7833	0.6354	97.3349	0.2966	97.6315	25.8137	0.2729	26.0866		64,230.3993	64,230.3993	1.0628	1.4210	64,680.4291
Total	21.7230	83.0388	201.8408	0.9742	111.4309	0.9059	112.3369	29.8723	0.8558	30.7281		100,242.9536	100,242.9536	1.5741	6.6808	102,273.1833

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1316	72.4771	29.0575	0.3388	14.0960	0.6093	14.7054	4.0586	0.5829	4.6415		36,012.5543	36,012.5543	0.5113	5.2598	37,592.7542
Worker	19.5914	10.5617	172.7833	0.6354	97.3349	0.2966	97.6315	25.8137	0.2729	26.0866		64,230.3993	64,230.3993	1.0628	1.4210	64,680.4291
Total	21.7230	83.0388	201.8408	0.9742	111.4309	0.9059	112.3369	29.8723	0.8558	30.7281		100,242.9536	100,242.9536	1.5741	6.6808	102,273.1833

Highway 74 - Proposed Specific Plan - Riverside-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 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	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1219	72.5080	29.0882	0.3329	14.0959	0.5874	14.6833	4.0585	0.5620	4.6205		35,394.1161	35,394.1161	0.5244	5.1617	36,945.4200
Worker	18.5004	9.8580	167.7530	0.6242	97.3349	0.2811	97.6160	25.8137	0.2587	26.0723		63,099.3658	63,099.3658	0.9919	1.3764	63,534.3324
Total	20.6223	82.3659	196.8411	0.9571	111.4308	0.8685	112.2993	29.8722	0.8206	30.6928		98,493.4818	98,493.4818	1.5163	6.5381	100,479.7524

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1219	72.5080	29.0882	0.3329	14.0959	0.5874	14.6833	4.0585	0.5620	4.6205		35,394.1161	35,394.1161	0.5244	5.1617	36,945.4200
Worker	18.5004	9.8580	167.7530	0.6242	97.3349	0.2811	97.6160	25.8137	0.2587	26.0723		63,099.3658	63,099.3658	0.9919	1.3764	63,534.3324
Total	20.6223	82.3659	196.8411	0.9571	111.4308	0.8685	112.2993	29.8722	0.8206	30.6928		98,493.4818	98,493.4818	1.5163	6.5381	100,479.7524

Highway 74 - Proposed Specific Plan - Riverside-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 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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1205	72.1072	29.1133	0.3280	14.0958	0.5851	14.6809	4.0585	0.5597	4.6182		34,879.4863	34,879.4863	0.5365	5.0800	36,406.7437
Worker	17.5100	9.2577	161.9260	0.6134	97.3349	0.2632	97.5981	25.8137	0.2422	26.0559		62,001.4367	62,001.4367	0.9248	1.3376	62,423.1439
Total	19.6305	81.3649	191.0393	0.9414	111.4307	0.8483	112.2790	29.8722	0.8019	30.6741		96,880.9229	96,880.9229	1.4613	6.4176	98,829.8876

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1205	72.1072	29.1133	0.3280	14.0958	0.5851	14.6809	4.0585	0.5597	4.6182		34,879.4863	34,879.4863	0.5365	5.0800	36,406.7437
Worker	17.5100	9.2577	161.9260	0.6134	97.3349	0.2632	97.5981	25.8137	0.2422	26.0559		62,001.4367	62,001.4367	0.9248	1.3376	62,423.1439
Total	19.6305	81.3649	191.0393	0.9414	111.4307	0.8483	112.2790	29.8722	0.8019	30.6741		96,880.9229	96,880.9229	1.4613	6.4176	98,829.8876

Highway 74 - Proposed Specific Plan - Riverside-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 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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1227	71.7551	29.1774	0.3236	14.0957	0.5829	14.6786	4.0584	0.5576	4.6161		34,423.9440	34,423.9440	0.5478	5.0080	35,930.0177
Worker	16.6220	8.7594	156.8956	0.6038	97.3349	0.2471	97.5820	25.8137	0.2274	26.0411		61,036.9655	61,036.9655	0.8660	1.3054	61,447.6295
Total	18.7446	80.5145	186.0730	0.9274	111.4306	0.8301	112.2606	29.8721	0.7850	30.6572		95,460.9095	95,460.9095	1.4138	6.3134	97,377.6472

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1227	71.7551	29.1774	0.3236	14.0957	0.5829	14.6786	4.0584	0.5576	4.6161		34,423.9440	34,423.9440	0.5478	5.0080	35,930.0177
Worker	16.6220	8.7594	156.8956	0.6038	97.3349	0.2471	97.5820	25.8137	0.2274	26.0411		61,036.9655	61,036.9655	0.8660	1.3054	61,447.6295
Total	18.7446	80.5145	186.0730	0.9274	111.4306	0.8301	112.2606	29.8721	0.7850	30.6572		95,460.9095	95,460.9095	1.4138	6.3134	97,377.6472

Highway 74 - Proposed Specific Plan - Riverside-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 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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1261	71.3995	29.2501	0.3197	14.0956	0.5803	14.6758	4.0584	0.5551	4.6135		34,009.3153	34,009.3153	0.5580	4.9427	35,496.1787
Worker	15.8257	8.3432	152.3690	0.5955	97.3349	0.2324	97.5673	25.8137	0.2139	26.0275		60,189.3569	60,189.3569	0.8131	1.2785	60,590.6830
Total	17.9519	79.7427	181.6191	0.9151	111.4305	0.8127	112.2431	29.8721	0.7689	30.6410		94,198.6722	94,198.6722	1.3712	6.2212	96,086.8617

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1261	71.3995	29.2501	0.3197	14.0956	0.5803	14.6758	4.0584	0.5551	4.6135		34,009.3153	34,009.3153	0.5580	4.9427	35,496.1787
Worker	15.8257	8.3432	152.3690	0.5955	97.3349	0.2324	97.5673	25.8137	0.2139	26.0275		60,189.3569	60,189.3569	0.8131	1.2785	60,590.6830
Total	17.9519	79.7427	181.6191	0.9151	111.4305	0.8127	112.2431	29.8721	0.7689	30.6410		94,198.6722	94,198.6722	1.3712	6.2212	96,086.8617

Highway 74 - Proposed Specific Plan - Riverside-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 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1301	71.0699	29.3204	0.3161	14.0955	0.5776	14.6731	4.0584	0.5525	4.6109		33,639.3797	33,639.3797	0.5665	4.8845	35,109.1301
Worker	15.1131	8.0188	148.4973	0.5881	97.3349	0.2192	97.5541	25.8137	0.2017	26.0154		59,450.7307	59,450.7307	0.7672	1.2572	59,844.5696
Total	17.2432	79.0887	177.8177	0.9043	111.4304	0.7968	112.2272	29.8721	0.7542	30.6263		93,090.1104	93,090.1104	1.3337	6.1418	94,953.6997

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1301	71.0699	29.3204	0.3161	14.0955	0.5776	14.6731	4.0584	0.5525	4.6109		33,639.3797	33,639.3797	0.5665	4.8845	35,109.1301
Worker	15.1131	8.0188	148.4973	0.5881	97.3349	0.2192	97.5541	25.8137	0.2017	26.0154		59,450.7307	59,450.7307	0.7672	1.2572	59,844.5696
Total	17.2432	79.0887	177.8177	0.9043	111.4304	0.7968	112.2272	29.8721	0.7542	30.6263		93,090.1104	93,090.1104	1.3337	6.1418	94,953.6997

Highway 74 - Proposed Specific Plan - Riverside-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 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1301	71.0699	29.3204	0.3161	14.0955	0.5776	14.6731	4.0584	0.5525	4.6109		33,639.3797	33,639.3797	0.5665	4.8845	35,109.1301
Worker	15.1131	8.0188	148.4973	0.5881	97.3349	0.2192	97.5541	25.8137	0.2017	26.0154		59,450.7307	59,450.7307	0.7672	1.2572	59,844.5696
Total	17.2432	79.0887	177.8177	0.9043	111.4304	0.7968	112.2272	29.8721	0.7542	30.6263		93,090.1104	93,090.1104	1.3337	6.1418	94,953.6997

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1301	71.0699	29.3204	0.3161	14.0955	0.5776	14.6731	4.0584	0.5525	4.6109		33,639.3797	33,639.3797	0.5665	4.8845	35,109.1301
Worker	15.1131	8.0188	148.4973	0.5881	97.3349	0.2192	97.5541	25.8137	0.2017	26.0154		59,450.7307	59,450.7307	0.7672	1.2572	59,844.5696
Total	17.2432	79.0887	177.8177	0.9043	111.4304	0.7968	112.2272	29.8721	0.7542	30.6263		93,090.1104	93,090.1104	1.3337	6.1418	94,953.6997

Highway 74 - Proposed Specific Plan - Riverside-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 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1301	71.0699	29.3204	0.3161	14.0955	0.5776	14.6731	4.0584	0.5525	4.6109		33,639.3797	33,639.3797	0.5665	4.8845	35,109.1301
Worker	15.1131	8.0188	148.4973	0.5881	97.3349	0.2192	97.5541	25.8137	0.2017	26.0154		59,450.7307	59,450.7307	0.7672	1.2572	59,844.5696
Total	17.2432	79.0887	177.8177	0.9043	111.4304	0.7968	112.2272	29.8721	0.7542	30.6263		93,090.1104	93,090.1104	1.3337	6.1418	94,953.6997

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1301	71.0699	29.3204	0.3161	14.0955	0.5776	14.6731	4.0584	0.5525	4.6109		33,639.3797	33,639.3797	0.5665	4.8845	35,109.1301
Worker	15.1131	8.0188	148.4973	0.5881	97.3349	0.2192	97.5541	25.8137	0.2017	26.0154		59,450.7307	59,450.7307	0.7672	1.2572	59,844.5696
Total	17.2432	79.0887	177.8177	0.9043	111.4304	0.7968	112.2272	29.8721	0.7542	30.6263		93,090.1104	93,090.1104	1.3337	6.1418	94,953.6997

Highway 74 - Proposed Specific Plan - Riverside-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 Building Construction - 2038****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1301	71.0699	29.3204	0.3161	14.0955	0.5776	14.6731	4.0584	0.5525	4.6109		33,639.3797	33,639.3797	0.5665	4.8845	35,109.1301
Worker	15.1131	8.0188	148.4973	0.5881	97.3349	0.2192	97.5541	25.8137	0.2017	26.0154		59,450.7307	59,450.7307	0.7672	1.2572	59,844.5696
Total	17.2432	79.0887	177.8177	0.9043	111.4304	0.7968	112.2272	29.8721	0.7542	30.6263		93,090.1104	93,090.1104	1.3337	6.1418	94,953.6997

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1301	71.0699	29.3204	0.3161	14.0955	0.5776	14.6731	4.0584	0.5525	4.6109		33,639.3797	33,639.3797	0.5665	4.8845	35,109.1301
Worker	15.1131	8.0188	148.4973	0.5881	97.3349	0.2192	97.5541	25.8137	0.2017	26.0154		59,450.7307	59,450.7307	0.7672	1.2572	59,844.5696
Total	17.2432	79.0887	177.8177	0.9043	111.4304	0.7968	112.2272	29.8721	0.7542	30.6263		93,090.1104	93,090.1104	1.3337	6.1418	94,953.6997

Highway 74 - Proposed Specific Plan - Riverside-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 Building Construction - 2039****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1301	71.0699	29.3204	0.3161	14.0955	0.5776	14.6731	4.0584	0.5525	4.6109		33,639.3797	33,639.3797	0.5665	4.8845	35,109.1301
Worker	15.1131	8.0188	148.4973	0.5881	97.3349	0.2192	97.5541	25.8137	0.2017	26.0154		59,450.7307	59,450.7307	0.7672	1.2572	59,844.5696
Total	17.2432	79.0887	177.8177	0.9043	111.4304	0.7968	112.2272	29.8721	0.7542	30.6263		93,090.1104	93,090.1104	1.3337	6.1418	94,953.6997

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1301	71.0699	29.3204	0.3161	14.0955	0.5776	14.6731	4.0584	0.5525	4.6109		33,639.3797	33,639.3797	0.5665	4.8845	35,109.1301
Worker	15.1131	8.0188	148.4973	0.5881	97.3349	0.2192	97.5541	25.8137	0.2017	26.0154		59,450.7307	59,450.7307	0.7672	1.2572	59,844.5696
Total	17.2432	79.0887	177.8177	0.9043	111.4304	0.7968	112.2272	29.8721	0.7542	30.6263		93,090.1104	93,090.1104	1.3337	6.1418	94,953.6997

Highway 74 - Proposed Specific Plan - Riverside-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 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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0513	0.0351	0.4456	1.3400e-003	0.1677	7.8000e-004	0.1685	0.0445	7.2000e-004	0.0452		135.0635	135.0635	3.4300e-003	3.6000e-003	136.2226
Total	0.0513	0.0351	0.4456	1.3400e-003	0.1677	7.8000e-004	0.1685	0.0445	7.2000e-004	0.0452		135.0635	135.0635	3.4300e-003	3.6000e-003	136.2226

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0513	0.0351	0.4456	1.3400e-003	0.1677	7.8000e-004	0.1685	0.0445	7.2000e-004	0.0452		135.0635	135.0635	3.4300e-003	3.6000e-003	136.2226
Total	0.0513	0.0351	0.4456	1.3400e-003	0.1677	7.8000e-004	0.1685	0.0445	7.2000e-004	0.0452		135.0635	135.0635	3.4300e-003	3.6000e-003	136.2226

Highway 74 - Proposed Specific Plan - Riverside-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 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0480	0.0313	0.4168	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		130.7890	130.7890	3.1200e-003	3.3500e-003	131.8638
Total	0.0480	0.0313	0.4168	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		130.7890	130.7890	3.1200e-003	3.3500e-003	131.8638

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0480	0.0313	0.4168	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		130.7890	130.7890	3.1200e-003	3.3500e-003	131.8638
Total	0.0480	0.0313	0.4168	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		130.7890	130.7890	3.1200e-003	3.3500e-003	131.8638

Highway 74 - Proposed Specific Plan - Riverside-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 Architectural Coating - 2023****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	215.8160					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	216.0076	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9615	4.0777	51.7538	0.1552	19.4715	0.0911	19.5625	5.1639	0.0838	5.2478		15,685.3764	15,685.3764	0.3989	0.4183	15,819.9883
Total	5.9615	4.0777	51.7538	0.1552	19.4715	0.0911	19.5625	5.1639	0.0838	5.2478		15,685.3764	15,685.3764	0.3989	0.4183	15,819.9883

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	215.8160					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	216.0076	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9615	4.0777	51.7538	0.1552	19.4715	0.0911	19.5625	5.1639	0.0838	5.2478		15,685.3764	15,685.3764	0.3989	0.4183	15,819.9883
Total	5.9615	4.0777	51.7538	0.1552	19.4715	0.0911	19.5625	5.1639	0.0838	5.2478		15,685.3764	15,685.3764	0.3989	0.4183	15,819.9883

Highway 74 - Proposed Specific Plan - Riverside-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 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	215.8160					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	215.9967	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5727	3.6306	48.4011	0.1503	19.4715	0.0869	19.5583	5.1639	0.0800	5.2439		15,188.9613	15,188.9613	0.3619	0.3885	15,313.7770
Total	5.5727	3.6306	48.4011	0.1503	19.4715	0.0869	19.5583	5.1639	0.0800	5.2439		15,188.9613	15,188.9613	0.3619	0.3885	15,313.7770

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	215.8160					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	215.9967	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5727	3.6306	48.4011	0.1503	19.4715	0.0869	19.5583	5.1639	0.0800	5.2439		15,188.9613	15,188.9613	0.3619	0.3885	15,313.7770
Total	5.5727	3.6306	48.4011	0.1503	19.4715	0.0869	19.5583	5.1639	0.0800	5.2439		15,188.9613	15,188.9613	0.3619	0.3885	15,313.7770

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

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	lb/day										lb/day					
Mitigated	389.0280	515.5491	4,028.1105	9.8603	1,460.1119	5.6518	1,465.7637	389.1164	5.3090	394.4254		1,005,277.8909	1,005,277.8909	51.4269	49.6362	1,021,355.1454
Unmitigated	389.0280	515.5491	4,028.1105	9.8603	1,460.1119	5.6518	1,465.7637	389.1164	5.3090	394.4254		1,005,277.8909	1,005,277.8909	51.4269	49.6362	1,021,355.1454

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	57,549.84	63,996.68	49,373.36	195,812,197	195,812,197
City Park	3.34	8.39	9.37	14,163	14,163
Government (Civic Center)	19,183.07	0.00	0.00	42,314,158	42,314,158
Industrial Park	7,494.98	5,649.04	2,757.80	26,066,639	26,066,639
Office Park	20,334.48	3,012.52	1,396.04	51,201,509	51,201,509
Regional Shopping Center	107,396.49	131,208.63	60,028.23	225,003,528	225,003,528
Single Family Housing	9,336.16	9,435.06	8,455.95	31,521,669	31,521,669
Total	221,298.36	213,310.31	122,020.76	571,933,863	571,933,863

4.3 Trip Type Information

Appendix C	Miles	Trip %	Trip Purpose %
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Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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 Low 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
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
Industrial Park	16.60	8.40	6.90	59.00	28.00	13.00	79	19	2
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Single Family Housing	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 Low Rise	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
City Park	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Government (Civic Center)	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Industrial Park	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Office Park	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Regional Shopping Center	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Single Family Housing	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938

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

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category	lb/day										lb/day					
	NaturalGas Mitigated	4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929
NaturalGas Unmitigated	4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431

Highway 74 - Proposed Specific Plan - Riverside-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 Low Rise	325808	3.5136	30.0254	12.7768	0.1917		2.4276	2.4276		2.4276	2.4276		38,330.3479	38,330.3479	0.7347	0.7027	38,558.1260
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
Government (Civic Center)	5305.11	0.0572	0.5201	0.4369	3.1200e-003		0.0395	0.0395		0.0395	0.0395		624.1307	624.1307	0.0120	0.0114	627.8396
Industrial Park	20899.8	0.2254	2.0490	1.7212	0.0123		0.1557	0.1557		0.1557	0.1557		2,458.8031	2,458.8031	0.0471	0.0451	2,473.4145
Office Park	14544.2	0.1569	1.4259	1.1978	8.5600e-003		0.1084	0.1084		0.1084	0.1084		1,711.0849	1,711.0849	0.0328	0.0314	1,721.2531
Regional Shopping Center	17147.6	0.1849	1.6811	1.4122	0.0101		0.1278	0.1278		0.1278	0.1278		2,017.3628	2,017.3628	0.0387	0.0370	2,029.3510
Single Family Housing	76646	0.8266	7.0635	3.0057	0.0451		0.5711	0.5711		0.5711	0.5711		9,017.1744	9,017.1744	0.1728	0.1653	9,070.7590
Total		4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated

	Natural Gas 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 Low Rise	325.808	3.5136	30.0254	12.7768	0.1917		2.4276	2.4276		2.4276	2.4276		38,330.3479	38,330.3479	0.7347	0.7027	38,558.1260
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
Government (Civic Center)	5.30511	0.0572	0.5201	0.4369	3.1200e-003		0.0395	0.0395		0.0395	0.0395		624.1307	624.1307	0.0120	0.0114	627.8396
Industrial Park	20.8998	0.2254	2.0490	1.7212	0.0123		0.1557	0.1557		0.1557	0.1557		2,458.8031	2,458.8031	0.0471	0.0451	2,473.4145
Office Park	14.5442	0.1569	1.4259	1.1978	8.5600e-003		0.1084	0.1084		0.1084	0.1084		1,711.0849	1,711.0849	0.0328	0.0314	1,721.2531
Regional Shopping Center	17.1476	0.1849	1.6811	1.4122	0.0101		0.1278	0.1278		0.1278	0.1278		2,017.3628	2,017.3628	0.0387	0.0370	2,029.3510
Single Family Housing	76.646	0.8266	7.0635	3.0057	0.0451		0.5711	0.5711		0.5711	0.5711		9,017.1744	9,017.1744	0.1728	0.1653	9,070.7590
Total		4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use only Natural Gas Hearths

Highway 74 - Proposed Specific Plan - Riverside-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	402.1324	140.5386	783.9991	0.8821		14.7358	14.7358		14.7358	14.7358	0.0000	170,006.1193	170,006.1193	4.4889	3.0926	171,039.9507
Unmitigated	2,715.4362	192.0418	5,228.9615	11.5216		680.1652	680.1652		680.1652	680.1652	82,906.5948	160,634.4723	243,541.0670	248.4992	5.6271	251,430.4264

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	35.5026					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	338.8393					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	2,319.2806	183.6434	4,501.1923	11.4829		676.1130	676.1130		676.1130	676.1130	82,906.5948	159,318.0000	242,224.5948	247.2435	5.6271	250,082.5611
Landscaping	21.8137	8.3984	727.7692	0.0386		4.0521	4.0521		4.0521	4.0521		1,316.4723	1,316.4723	1.2557		1,347.8654
Total	2,715.4362	192.0418	5,228.9615	11.5216		680.1652	680.1652		680.1652	680.1652	82,906.5948	160,634.4723	243,541.0670	248.4992	5.6271	251,430.4264

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**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	26.0162					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	338.8393					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	15.4632	132.1402	56.2299	0.8435		10.6837	10.6837		10.6837	10.6837	0.0000	168,689.6471	168,689.6471	3.2332	3.0926	169,692.0853
Landscaping	21.8137	8.3984	727.7692	0.0386		4.0521	4.0521		4.0521	4.0521		1,316.4723	1,316.4723	1.2557		1,347.8654
Total	402.1324	140.5386	783.9991	0.8821		14.7358	14.7358		14.7358	14.7358	0.0000	170,006.1193	170,006.1193	4.4889	3.0926	171,039.9507

7.0 Water Detail**7.1 Mitigation Measures Water**

Highway 74 - Proposed Specific Plan - Riverside-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
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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
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Boilers

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

Equipment Type	Number
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11.0 Vegetation

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

**Highway 74 - Proposed Specific Plan
Riverside-South Coast County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	564.54	1000sqft	21.60	564,538.00	0
Office Park	1,836.90	1000sqft	187.42	1,836,900.00	0
Industrial Park	2,224.03	1000sqft	167.95	2,224,034.00	0
City Park	4.28	Acre	4.28	186,436.80	0
Apartments Low Rise	7,862.00	Dwelling Unit	294.40	7,862,000.00	25158
Single Family Housing	989.00	Dwelling Unit	1,092.63	1,780,200.00	3165
Regional Shopping Center	2,844.94	1000sqft	408.79	2,844,940.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			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 -

Land Use - Note 1

Construction Phase - Note 2

Demolition - Note 3

Grading -

Architectural Coating - Note 5

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Vehicle Trips - Note 4

Woodstoves -

Area Coating -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation - Note 5

Area Mitigation - Note 5

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	11,000.00	440.00
tblConstructionPhase	NumDays	155,000.00	6,200.00
tblConstructionPhase	NumDays	10,000.00	6,200.00
tblConstructionPhase	NumDays	15,500.00	620.00
tblConstructionPhase	NumDays	11,000.00	440.00
tblConstructionPhase	NumDays	6,000.00	240.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblLandUse	LandUseSquareFeet	564,540.00	564,538.00
tblLandUse C	LandUseSquareFeet	2,224,030.00	2,224,034.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblLandUse	LotAcreage	12.96	21.60
tblLandUse	LotAcreage	42.17	187.42
tblLandUse	LotAcreage	51.06	167.95
tblLandUse	LotAcreage	491.38	294.40
tblLandUse	LotAcreage	321.10	1,092.63
tblLandUse	LotAcreage	65.31	408.79
tblLandUse	Population	22,485.00	25,158.00
tblLandUse	Population	2,829.00	3,165.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	47.8976	36.7541	82.4334	0.2784	28.3488	1.0439	29.3927	8.2993	0.9703	9.2696	0.0000	25,709.3296	25,709.3296	1.3165	1.4352	26,169.9173
2024	14.7000	28.3104	64.9338	0.2379	22.8783	0.6765	23.5549	6.1667	0.6308	6.7975	0.0000	22,035.7881	22,035.7881	0.9109	1.3382	22,457.3286
2025	5.5657	22.6141	55.2680	0.2163	20.3163	0.4424	20.7588	5.4235	0.4146	5.8382	0.0000	20,090.1619	20,090.1619	0.6193	1.2790	20,486.7728
2026	5.2910	22.1838	52.5039	0.2108	20.3163	0.4379	20.7542	5.4235	0.4105	5.8340	0.0000	19,582.5155	19,582.5155	0.5969	1.2412	19,967.3161
2027	5.0398	21.7980	50.1330	0.2057	20.3163	0.4329	20.7491	5.4235	0.4058	5.8293	0.0000	19,109.5668	19,109.5668	0.5776	1.2058	19,483.3240
2028	4.8273	21.5396	48.2890	0.2016	20.3719	0.4290	20.8009	5.4384	0.4022	5.8406	0.0000	18,733.0306	18,733.0306	0.5632	1.1767	19,097.7788
2029	4.5997	21.2024	46.4357	0.1969	20.3162	0.4230	20.7392	5.4235	0.3966	5.8201	0.0000	18,296.4768	18,296.4768	0.5478	1.1444	18,651.2064
2030	4.3863 Appendix C	18.4091	44.8870	0.1952	20.3162	0.2577	20.5739	5.4235	0.2485	5.6720	0.0000	18,110.5278	18,110.5278	0.3130	1.1181	18,451.5467

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2031	4.1947	18.2801	43.9402	0.1921	20.3162	0.2509	20.5670	5.4235	0.2421	5.6655	0.0000	17,816.4815	17,816.4815	0.3035	1.0942	18,150.1313
2032	4.0325	18.1418	42.9373	0.1896	20.3718	0.2478	20.6196	5.4383	0.2393	5.6776	0.0000	17,592.1173	17,592.1173	0.2951	1.0769	17,920.4095
2033	3.8668	17.9322	41.8607	0.1865	20.3161	0.2438	20.5599	5.4235	0.2355	5.6590	0.0000	17,304.1605	17,304.1605	0.2864	1.0565	17,626.1533
2034	3.7280	17.7868	40.9995	0.1842	20.3161	0.2406	20.5567	5.4235	0.2326	5.6560	0.0000	17,090.9444	17,090.9444	0.2793	1.0410	17,408.1520
2035	3.5426	16.9987	40.2188	0.1822	20.3161	0.2045	20.5206	5.4234	0.1967	5.6201	0.0000	16,903.7015	16,903.7015	0.2676	1.0277	17,216.6498
2036	3.5523	17.0453	40.3290	0.1827	20.3717	0.2051	20.5768	5.4383	0.1972	5.6355	0.0000	16,950.0130	16,950.0130	0.2684	1.0305	17,263.8187
2037	3.5426	16.9987	40.2188	0.1822	20.3161	0.2045	20.5206	5.4234	0.1967	5.6201	0.0000	16,903.7015	16,903.7015	0.2676	1.0277	17,216.6498
2038	3.5426	16.9987	40.2188	0.1822	20.3161	0.2045	20.5206	5.4234	0.1967	5.6201	0.0000	16,903.7015	16,903.7015	0.2676	1.0277	17,216.6498
2039	3.4553	16.5796	39.2271	0.1777	19.8151	0.1995	20.0146	5.2897	0.1918	5.4815	0.0000	16,486.8979	16,486.8979	0.2610	1.0024	16,792.1297
Maximum	47.8976	36.7541	82.4334	0.2784	28.3488	1.0439	29.3927	8.2993	0.9703	9.2696	0.0000	25,709.3296	25,709.3296	1.3165	1.4352	26,169.9173

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	47.8976	36.7541	82.4334	0.2784	25.7612	1.0439	26.8051	7.2200	0.9703	8.1903	0.0000	25,709.3262	25,709.3262	1.3165	1.4352	26,169.9139
2024	14.7000	28.3104	64.9338	0.2379	21.7699	0.6765	22.4464	5.8542	0.6308	6.4850	0.0000	22,035.7859	22,035.7859	0.9109	1.3382	22,457.3264
2025	5.5657	22.6141	55.2680	0.2163	20.1730	0.4424	20.6154	5.4018	0.4146	5.8165	0.0000	20,090.1607	20,090.1607	0.6193	1.2790	20,486.7716
2026	5.2910	22.1838	52.5039	0.2108	20.1730	0.4379	20.6109	5.4018	0.4105	5.8123	0.0000	19,582.5143	19,582.5143	0.5969	1.2412	19,967.3148
2027	5.0398	21.7980	50.1330	0.2057	20.1729	0.4329	20.6058	5.4018	0.4058	5.8076	0.0000	19,109.5656	19,109.5656	0.5776	1.2058	19,483.3227
2028	4.8273	21.5396	48.2890	0.2016	20.2282	0.4290	20.6571	5.4166	0.4022	5.8188	0.0000	18,733.0294	18,733.0294	0.5632	1.1767	19,097.7775
2029	4.5997	21.2024	46.4357	0.1969	20.1729	0.4230	20.5959	5.4018	0.3966	5.7984	0.0000	18,296.4756	18,296.4756	0.5478	1.1444	18,651.2051
2030	4.3863	18.4091	44.8870	0.1952	20.1728	0.2577	20.4306	5.4018	0.2485	5.6503	0.0000	18,110.5264	18,110.5264	0.3130	1.1181	18,451.5453
2031	4.1947	18.2801	43.9402	0.1921	20.1728	0.2509	20.4237	5.4018	0.2421	5.6438	0.0000	17,816.4801	17,816.4801	0.3035	1.0942	18,150.1299
2032	4.0325	18.1417	42.9373	0.1896	20.2281	0.2478	20.4759	5.4166	0.2393	5.6558	0.0000	17,592.1159	17,592.1159	0.2951	1.0769	17,920.4081
2033	3.8668	17.9322	41.8607	0.1865	20.1728	0.2438	20.4166	5.4018	0.2355	5.6373	0.0000	17,304.1591	17,304.1591	0.2864	1.0565	17,626.1519
2034	3.7280	17.7868	40.9994	0.1842	20.1728	0.2406	20.4134	5.4018	0.2326	5.6343	0.0000	17,090.9430	17,090.9430	0.2793	1.0410	17,408.1506
2035	3.5426	16.9987	40.2188	0.1822	20.1727	0.2045	20.3772	5.4017	0.1967	5.5984	0.0000	16,903.7001	16,903.7001	0.2676	1.0277	17,216.6484
2036	3.5523	17.0453	40.3290	0.1827	20.2280	0.2051	20.4331	5.4165	0.1972	5.6138	0.0000	16,950.0116	16,950.0116	0.2684	1.0305	17,263.8173
2037	3.5426	16.9987	40.2188	0.1822	20.1727	0.2045	20.3772	5.4017	0.1967	5.5984	0.0000	16,903.7001	16,903.7001	0.2676	1.0277	17,216.6484
2038	3.5426	16.9987	40.2188	0.1822	20.1727	0.2045	20.3772	5.4017	0.1967	5.5984	0.0000	16,903.7001	16,903.7001	0.2676	1.0277	17,216.6484

Appendix C

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2039	3.4553	16.5796	39.2271	0.1777	19.6753	0.1995	19.8748	5.2686	0.1918	5.4604	0.0000	16,486.8965	16,486.8965	0.2610	1.0024	16,792.1283
Maximum	47.8976	36.7541	82.4334	0.2784	25.7612	1.0439	26.8051	7.2200	0.9703	8.1903	0.0000	25,709.3262	25,709.3262	1.3165	1.4352	26,169.9139

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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
Percent Reduction	0.00	0.00	0.00	0.00	1.64	0.00	1.62	1.79	0.00	1.69	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2023	3-31-2023	21.4266	21.4266
2	4-1-2023	6-30-2023	21.5423	21.5423
3	7-1-2023	9-30-2023	21.2793	21.2793
4	10-1-2023	12-31-2023	20.5096	20.5096
5	1-1-2024	3-31-2024	17.9452	17.9452
6	4-1-2024	6-30-2024	8.9170	8.9170
7	7-1-2024	9-30-2024	8.6758	8.6758
8	10-1-2024	12-31-2024	7.5146	7.5146
9	1-1-2025	3-31-2025	7.0262	7.0262
10	4-1-2025	6-30-2025	6.9600	6.9600
11	7-1-2025	9-30-2025	7.0365	7.0365
12	10-1-2025	12-31-2025	7.1823	7.1823
13	1-1-2026	3-31-2026	6.8524	6.8524
14	4-1-2026	6-30-2026	6.7809	6.7809
15	7-1-2026	9-30-2026	6.8554	6.8554
16	10-1-2026	12-31-2026	7.0047	7.0047
17	1-1-2027	3-31-2027	6.6950	6.6950
18	4-1-2027	6-30-2027	6.6191	6.6191
19	7-1-2027	9-30-2027	6.6918	6.6918
20	10-1-2027	12-31-2027	6.8438	6.8438
21	1-1-2028	3-31-2028	6.6335	6.6335
22	Appendix C 4-1-2028	6-30-2028	6.4808	6.4808

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

23	7-1-2028	9-30-2028	6.5520	6.5520
24	10-1-2028	12-31-2028	6.7064	6.7064
25	1-1-2029	3-31-2029	6.4382	6.4382
26	4-1-2029	6-30-2029	6.3547	6.3547
27	7-1-2029	9-30-2029	6.4245	6.4245
28	10-1-2029	12-31-2029	6.5813	6.5813
29	1-1-2030	3-31-2030	5.6959	5.6959
30	4-1-2030	6-30-2030	5.6019	5.6019
31	7-1-2030	9-30-2030	5.6635	5.6635
32	10-1-2030	12-31-2030	5.8224	5.8224
33	1-1-2031	3-31-2031	5.6159	5.6159
34	4-1-2031	6-30-2031	5.5175	5.5175
35	7-1-2031	9-30-2031	5.5782	5.5782
36	10-1-2031	12-31-2031	5.7407	5.7407
37	1-1-2032	3-31-2032	5.5873	5.5873
38	4-1-2032	6-30-2032	5.4242	5.4242
39	7-1-2032	9-30-2032	5.4838	5.4838
40	10-1-2032	12-31-2032	5.6487	5.6487
41	1-1-2033	3-31-2033	5.4475	5.4475
42	4-1-2033	6-30-2033	5.3426	5.3426
43	7-1-2033	9-30-2033	5.4014	5.4014
44	10-1-2033	12-31-2033	5.5685	5.5685
45	1-1-2034	3-31-2034	5.3768	5.3768
46	4-1-2034	6-30-2034	5.2685	5.2685
47	7-1-2034	9-30-2034	5.3264	5.3264
48	10-1-2034	12-31-2034	5.4963	5.4963
49	Appendix C 1-1-2035	3-31-2035	5.1362	5.1362

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

50	4-1-2035	6-30-2035	5.0227	5.0227
51	7-1-2035	9-30-2035	5.0779	5.0779
52	10-1-2035	12-31-2035	5.2503	5.2503
53	1-1-2036	3-31-2036	5.1932	5.1932
54	4-1-2036	6-30-2036	5.0227	5.0227
55	7-1-2036	9-30-2036	5.0779	5.0779
56	10-1-2036	12-31-2036	5.2503	5.2503
57	1-1-2037	3-31-2037	5.1362	5.1362
58	4-1-2037	6-30-2037	5.0227	5.0227
59	7-1-2037	9-30-2037	5.0779	5.0779
60	10-1-2037	12-31-2037	5.2503	5.2503
61	1-1-2038	3-31-2038	5.1362	5.1362
62	4-1-2038	6-30-2038	5.0227	5.0227
63	7-1-2038	9-30-2038	5.0779	5.0779
64	10-1-2038	12-31-2038	5.2503	5.2503
65	1-1-2039	3-31-2039	5.1362	5.1362
66	4-1-2039	6-30-2039	5.0227	5.0227
67	7-1-2039	9-30-2039	5.0779	5.0779
		Highest	21.5423	21.5423

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					
	Appendix C															

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Area	100.0351	3.3453	147.2361	0.1484		8.9579	8.9579		8.9579	8.9579	940.1450	1,955.9212	2,896.0661	2.9461	0.0638	2,988.7339
Energy	0.9060	7.8046	3.7505	0.0494		0.6260	0.6260		0.6260	0.6260	0.0000	29,968.4490	29,968.4490	1.9445	0.3793	30,130.0780
Mobile	59.1101	77.1034	621.3130	1.5055	215.8527	0.8474	216.7001	57.6005	0.7960	58.3965	0.0000	139,226.7666	139,226.7666	6.9748	6.7807	141,421.7925
Waste						0.0000	0.0000		0.0000	0.0000	3,163.7623	0.0000	3,163.7623	186.9730	0.0000	7,838.0873
Water						0.0000	0.0000		0.0000	0.0000	552.1320	5,529.3840	6,081.5160	57.1760	1.3956	7,926.8029
Total	160.0512	88.2534	772.2995	1.7033	215.8527	10.4313	226.2840	57.6005	10.3799	67.9804	4,656.0393	176,680.5207	181,336.5600	256.0144	8.6194	190,305.4946

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	69.5061	2.7016	91.6740	0.0154		0.6401	0.6401		0.6401	0.6401	0.0000	2,062.1939	2,062.1939	0.1791	0.0351	2,077.1212
Energy	0.9060	7.8046	3.7505	0.0494		0.6260	0.6260		0.6260	0.6260	0.0000	29,968.4490	29,968.4490	1.9445	0.3793	30,130.0780
Mobile	59.1101	77.1034	621.3130	1.5055	215.8527	0.8474	216.7001	57.6005	0.7960	58.3965	0.0000	139,226.7666	139,226.7666	6.9748	6.7807	141,421.7925
Waste						0.0000	0.0000		0.0000	0.0000	3,163.7623	0.0000	3,163.7623	186.9730	0.0000	7,838.0873
Water						0.0000	0.0000		0.0000	0.0000	552.1320	5,529.3840	6,081.5160	57.1760	1.3956	7,926.8029
Total	129.5223	87.6096	716.7375	1.5703	215.8527	2.1134	217.9661	57.6005	2.0620	59.6626	3,715.8943	176,786.7934	180,502.6878	253.2473	8.5906	189,393.8819

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	19.07	0.73	7.19	7.81	0.00	79.74	3.68	0.00	80.13	12.24	20.19	-0.06	0.46	1.08	0.33	0.48

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	12/22/2039	7	6200	
2	Site Preparation	Site Preparation	1/1/2023	8/28/2023	7	240	
3	Appendix C Grading	Grading	1/1/2023	9/11/2024	7	620	

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4	Building Construction	Building Construction	1/1/2023	12/22/2039	7	6200
5	Paving	Paving	1/1/2023	3/15/2024	7	440
6	Architectural Coating	Architectural Coating	1/1/2023	3/15/2024	7	440

Acres of Grading (Site Preparation Phase): 360

Acres of Grading (Grading Phase): 1860

Acres of Paving: 0

Residential Indoor: 19,525,455; Residential Outdoor: 6,508,485; Non-Residential Indoor: 11,205,620; Non-Residential Outdoor: 3,735,207; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	40,660.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	8,708.00	2,201.00	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	1	1,742.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2606	0.0000	0.2606	0.0395	0.0000	0.0395	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4141	3.9209	3.5849	7.0900e-003		0.1821	0.1821		0.1694	0.1694	0.0000	620.3552	620.3552	0.1737	0.0000	624.6986

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Total	0.4141	3.9209	3.5849	7.0900e-003	0.2606	0.1821	0.4427	0.0395	0.1694	0.2088	0.0000	620.3552	620.3552	0.1737	0.0000	624.6986
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5300e-003	0.1261	0.0332	6.6000e-004	0.0206	1.4400e-003	0.0221	5.6700e-003	1.3800e-003	7.0500e-003	0.0000	63.7538	63.7538	9.0000e-004	0.0101	66.7701
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8800e-003	6.5800e-003	0.0857	2.5000e-004	0.0301	1.4000e-004	0.0302	7.9900e-003	1.3000e-004	8.1200e-003	0.0000	22.8815	22.8815	5.7000e-004	6.1000e-004	23.0768
Total	0.0114	0.1327	0.1189	9.1000e-004	0.0507	1.5800e-003	0.0523	0.0137	1.5100e-003	0.0152	0.0000	86.6353	86.6353	1.4700e-003	0.0107	89.8469

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1173	0.0000	0.1173	0.0178	0.0000	0.0178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4141	3.9209	3.5849	7.0900e-003		0.1821	0.1821		0.1694	0.1694	0.0000	620.3545	620.3545	0.1737	0.0000	624.6979
Total	0.4141	3.9209	3.5849	7.0900e-003	0.1173	0.1821	0.2993	0.0178	0.1694	0.1871	0.0000	620.3545	620.3545	0.1737	0.0000	624.6979

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5300e-003	0.1261	0.0332	6.6000e-004	0.0206	1.4400e-003	0.0221	5.6700e-003	1.3800e-003	7.0500e-003	0.0000	63.7538	63.7538	9.0000e-004	0.0101	66.7701
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8800e-003	6.5800e-003	0.0857	2.5000e-004	0.0301	1.4000e-004	0.0302	7.9900e-003	1.3000e-004	8.1200e-003	0.0000	22.8815	22.8815	5.7000e-004	6.1000e-004	23.0768
Total	0.0114	0.1327	0.1189	9.1000e-004	0.0507	1.5800e-003	0.0523	0.0137	1.5100e-003	0.0152	0.0000	86.6353	86.6353	1.4700e-003	0.0107	89.8469

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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					0.2613	0.0000	0.2613	0.0396	0.0000	0.0396	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4106	3.8207	3.6064	7.1100e-003		0.1757	0.1757		0.1633	0.1633	0.0000	622.1277	622.1277	0.1741	0.0000	626.4792
Total	0.4106	3.8207	3.6064	7.1100e-003	0.2613	0.1757	0.4370	0.0396	0.1633	0.2028	0.0000	622.1277	622.1277	0.1741	0.0000	626.4792

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5300e-003	0.1268	0.0336	6.5000e-004	0.0207	1.4400e-003	0.0221	5.6800e-003	1.3800e-003	7.0600e-003	0.0000	62.8843	62.8843	9.5000e-004	9.9100e-003	65.8616
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3100e-003	5.8700e-003	0.0804	2.4000e-004	0.0302	1.4000e-004	0.0303	8.0100e-003	1.3000e-004	8.1400e-003	0.0000	22.2177	22.2177	5.2000e-004	5.7000e-004	22.3993
Total	0.0108	0.1327	0.1140	8.9000e-004	0.0509	1.5800e-003	0.0525	0.0137	1.5100e-003	0.0152	0.0000	85.1020	85.1020	1.4700e-003	0.0105	88.2609

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1176	0.0000	0.1176	0.0178	0.0000	0.0178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4106	3.8207	3.6064	7.1100e-003		0.1757	0.1757		0.1633	0.1633	0.0000	622.1269	622.1269	0.1741	0.0000	626.4785
Total	0.4106	3.8207	3.6064	7.1100e-003	0.1176	0.1757	0.2933	0.0178	0.1633	0.1811	0.0000	622.1269	622.1269	0.1741	0.0000	626.4785

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5300e-003	0.1268	0.0336	6.5000e-004	0.0207	1.4400e-003	0.0221	5.6800e-003	1.3800e-003	7.0600e-003	0.0000	62.8843	62.8843	9.5000e-004	9.9100e-003	65.8616
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3100e-003	5.8700e-003	0.0804	2.4000e-004	0.0302	1.4000e-004	0.0303	8.0100e-003	1.3000e-004	8.1400e-003	0.0000	22.2177	22.2177	5.2000e-004	5.7000e-004	22.3993
Total	0.0108	0.1327	0.1140	8.9000e-004	0.0509	1.5800e-003	0.0525	0.0137	1.5100e-003	0.0152	0.0000	85.1020	85.1020	1.4700e-003	0.0105	88.2609

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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 - 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					0.2606	0.0000	0.2606	0.0395	0.0000	0.0395	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3819	3.5034	3.5439	7.0900e-003		0.1556	0.1556		0.1445	0.1445	0.0000	620.4571	620.4571	0.1733	0.0000	624.7884
Total	0.3819	3.5034	3.5439	7.0900e-003	0.2606	0.1556	0.4162	0.0395	0.1445	0.1840	0.0000	620.4571	620.4571	0.1733	0.0000	624.7884

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5200e-003	0.1252	0.0338	6.3000e-004	0.0206	1.4300e-003	0.0221	5.6700e-003	1.3700e-003	7.0400e-003	0.0000	61.4600	61.4600	1.0000e-003	9.6900e-003	64.3724
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.7500e-003	5.2500e-003	0.0746	2.3000e-004	0.0301	1.3000e-004	0.0302	7.9900e-003	1.2000e-004	8.1100e-003	0.0000	21.4055	21.4055	4.7000e-004	5.3000e-004	21.5741
Total	0.0103	0.1305	0.1084	8.6000e-004	0.0507	1.5600e-003	0.0523	0.0137	1.4900e-003	0.0152	0.0000	82.8655	82.8655	1.4700e-003	0.0102	85.9465

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1173	0.0000	0.1173	0.0178	0.0000	0.0178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3819	3.5034	3.5439	7.0900e-003		0.1556	0.1556		0.1445	0.1445	0.0000	620.4564	620.4564	0.1733	0.0000	624.7877
Total	0.3819	3.5034	3.5439	7.0900e-003	0.1173	0.1556	0.2729	0.0178	0.1445	0.1623	0.0000	620.4564	620.4564	0.1733	0.0000	624.7877

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5200e-003	0.1252	0.0338	6.3000e-004	0.0206	1.4300e-003	0.0221	5.6700e-003	1.3700e-003	7.0400e-003	0.0000	61.4600	61.4600	1.0000e-003	9.6900e-003	64.3724
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.7500e-003	5.2500e-003	0.0746	2.3000e-004	0.0301	1.3000e-004	0.0302	7.9900e-003	1.2000e-004	8.1100e-003	0.0000	21.4055	21.4055	4.7000e-004	5.3000e-004	21.5741
Total	0.0103	0.1305	0.1084	8.6000e-004	0.0507	1.5600e-003	0.0523	0.0137	1.4900e-003	0.0152	0.0000	82.8655	82.8655	1.4700e-003	0.0102	85.9465

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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 - 2026****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2606	0.0000	0.2606	0.0395	0.0000	0.0395	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3819	3.5034	3.5439	7.0900e-003		0.1556	0.1556		0.1445	0.1445	0.0000	620.4571	620.4571	0.1733	0.0000	624.7884
Total	0.3819	3.5034	3.5439	7.0900e-003	0.2606	0.1556	0.4162	0.0395	0.1445	0.1840	0.0000	620.4571	620.4571	0.1733	0.0000	624.7884

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5100e-003	0.1237	0.0340	6.2000e-004	0.0206	1.4200e-003	0.0221	5.6700e-003	1.3600e-003	7.0300e-003	0.0000	60.1671	60.1671	1.0500e-003	9.4900e-003	63.0207
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.2900e-003	4.7500e-003	0.0700	2.3000e-004	0.0301	1.2000e-004	0.0302	7.9900e-003	1.1000e-004	8.1000e-003	0.0000	20.7393	20.7393	4.2000e-004	5.0000e-004	20.8975
Total	9.8000e-003	0.1284	0.1039	8.5000e-004	0.0507	1.5400e-003	0.0523	0.0137	1.4700e-003	0.0151	0.0000	80.9064	80.9064	1.4700e-003	9.9900e-003	83.9182

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1173	0.0000	0.1173	0.0178	0.0000	0.0178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3819	3.5034	3.5439	7.0900e-003		0.1556	0.1556		0.1445	0.1445	0.0000	620.4564	620.4564	0.1733	0.0000	624.7877
Total	0.3819	3.5034	3.5439	7.0900e-003	0.1173	0.1556	0.2729	0.0178	0.1445	0.1623	0.0000	620.4564	620.4564	0.1733	0.0000	624.7877

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5100e-003	0.1237	0.0340	6.2000e-004	0.0206	1.4200e-003	0.0221	5.6700e-003	1.3600e-003	7.0300e-003	0.0000	60.1671	60.1671	1.0500e-003	9.4900e-003	63.0207
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.2900e-003	4.7500e-003	0.0700	2.3000e-004	0.0301	1.2000e-004	0.0302	7.9900e-003	1.1000e-004	8.1000e-003	0.0000	20.7393	20.7393	4.2000e-004	5.0000e-004	20.8975
Total	9.8000e-003	0.1284	0.1039	8.5000e-004	0.0507	1.5400e-003	0.0523	0.0137	1.4700e-003	0.0151	0.0000	80.9064	80.9064	1.4700e-003	9.9900e-003	83.9182

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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 On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2606	0.0000	0.2606	0.0395	0.0000	0.0395	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3819	3.5034	3.5439	7.0900e-003		0.1556	0.1556		0.1445	0.1445	0.0000	620.4571	620.4571	0.1733	0.0000	624.7884
Total	0.3819	3.5034	3.5439	7.0900e-003	0.2606	0.1556	0.4162	0.0395	0.1445	0.1840	0.0000	620.4571	620.4571	0.1733	0.0000	624.7884

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5000e-003	0.1221	0.0341	6.1000e-004	0.0206	1.4100e-003	0.0221	5.6700e-003	1.3500e-003	7.0200e-003	0.0000	58.8226	58.8226	1.1000e-003	9.2800e-003	61.6147
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.8700e-003	4.3200e-003	0.0659	2.2000e-004	0.0301	1.2000e-004	0.0302	7.9900e-003	1.1000e-004	8.1000e-003	0.0000	20.1434	20.1434	3.9000e-004	4.7000e-004	20.2928
Total	9.3700e-003	0.1265	0.1001	8.3000e-004	0.0507	1.5300e-003	0.0523	0.0137	1.4600e-003	0.0151	0.0000	78.9660	78.9660	1.4900e-003	9.7500e-003	81.9075

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1173	0.0000	0.1173	0.0178	0.0000	0.0178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3819	3.5034	3.5439	7.0900e-003		0.1556	0.1556		0.1445	0.1445	0.0000	620.4564	620.4564	0.1733	0.0000	624.7877
Total	0.3819	3.5034	3.5439	7.0900e-003	0.1173	0.1556	0.2729	0.0178	0.1445	0.1623	0.0000	620.4564	620.4564	0.1733	0.0000	624.7877

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5000e-003	0.1221	0.0341	6.1000e-004	0.0206	1.4100e-003	0.0221	5.6700e-003	1.3500e-003	7.0200e-003	0.0000	58.8226	58.8226	1.1000e-003	9.2800e-003	61.6147
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.8700e-003	4.3200e-003	0.0659	2.2000e-004	0.0301	1.2000e-004	0.0302	7.9900e-003	1.1000e-004	8.1000e-003	0.0000	20.1434	20.1434	3.9000e-004	4.7000e-004	20.2928
Total	9.3700e-003	0.1265	0.1001	8.3000e-004	0.0507	1.5300e-003	0.0523	0.0137	1.4600e-003	0.0151	0.0000	78.9660	78.9660	1.4900e-003	9.7500e-003	81.9075

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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 - 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					0.2613	0.0000	0.2613	0.0396	0.0000	0.0396	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3830	3.5130	3.5536	7.1100e-003		0.1561	0.1561		0.1449	0.1449	0.0000	622.1570	622.1570	0.1737	0.0000	626.5001
Total	0.3830	3.5130	3.5536	7.1100e-003	0.2613	0.1561	0.4174	0.0396	0.1449	0.1845	0.0000	622.1570	622.1570	0.1737	0.0000	626.5001

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5000e-003	0.1212	0.0344	5.9000e-004	0.0207	1.4100e-003	0.0221	5.6800e-003	1.3400e-003	7.0300e-003	0.0000	57.6542	57.6542	1.1500e-003	9.1000e-003	60.3932
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.9800e-003	0.0628	2.1000e-004	0.0302	1.1000e-004	0.0303	8.0100e-003	1.0000e-004	8.1100e-003	0.0000	19.6704	19.6704	3.6000e-004	4.5000e-004	19.8129
Total	9.0000e-003	0.1251	0.0972	8.0000e-004	0.0509	1.5200e-003	0.0524	0.0137	1.4400e-003	0.0151	0.0000	77.3246	77.3246	1.5100e-003	9.5500e-003	80.2061

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1176	0.0000	0.1176	0.0178	0.0000	0.0178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3830	3.5130	3.5536	7.1100e-003		0.1561	0.1561		0.1449	0.1449	0.0000	622.1563	622.1563	0.1737	0.0000	626.4994
Total	0.3830	3.5130	3.5536	7.1100e-003	0.1176	0.1561	0.2737	0.0178	0.1449	0.1627	0.0000	622.1563	622.1563	0.1737	0.0000	626.4994

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5000e-003	0.1212	0.0344	5.9000e-004	0.0207	1.4100e-003	0.0221	5.6800e-003	1.3400e-003	7.0300e-003	0.0000	57.6542	57.6542	1.1500e-003	9.1000e-003	60.3932
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.9800e-003	0.0628	2.1000e-004	0.0302	1.1000e-004	0.0303	8.0100e-003	1.0000e-004	8.1100e-003	0.0000	19.6704	19.6704	3.6000e-004	4.5000e-004	19.8129
Total	9.0000e-003	0.1251	0.0972	8.0000e-004	0.0509	1.5200e-003	0.0524	0.0137	1.4400e-003	0.0151	0.0000	77.3246	77.3246	1.5100e-003	9.5500e-003	80.2061

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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					0.2606	0.0000	0.2606	0.0395	0.0000	0.0395	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3819	3.5034	3.5439	7.0900e-003		0.1556	0.1556		0.1445	0.1445	0.0000	620.4571	620.4571	0.1733	0.0000	624.7884
Total	0.3819	3.5034	3.5439	7.0900e-003	0.2606	0.1556	0.4162	0.0395	0.1445	0.1840	0.0000	620.4571	620.4571	0.1733	0.0000	624.7884

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4800e-003	0.1196	0.0345	5.8000e-004	0.0206	1.3900e-003	0.0220	5.6700e-003	1.3300e-003	7.0000e-003	0.0000	56.2402	56.2402	1.1900e-003	8.8700e-003	58.9143
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.1200e-003	3.6700e-003	0.0597	2.1000e-004	0.0301	1.0000e-004	0.0302	7.9900e-003	9.0000e-005	8.0800e-003	0.0000	19.1506	19.1506	3.3000e-004	4.3000e-004	19.2865
Total	8.6000e-003	0.1233	0.0942	7.9000e-004	0.0507	1.4900e-003	0.0522	0.0137	1.4200e-003	0.0151	0.0000	75.3908	75.3908	1.5200e-003	9.3000e-003	78.2008

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1173	0.0000	0.1173	0.0178	0.0000	0.0178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3819	3.5034	3.5439	7.0900e-003		0.1556	0.1556		0.1445	0.1445	0.0000	620.4564	620.4564	0.1733	0.0000	624.7877
Total	0.3819	3.5034	3.5439	7.0900e-003	0.1173	0.1556	0.2729	0.0178	0.1445	0.1623	0.0000	620.4564	620.4564	0.1733	0.0000	624.7877

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4800e-003	0.1196	0.0345	5.8000e-004	0.0206	1.3900e-003	0.0220	5.6700e-003	1.3300e-003	7.0000e-003	0.0000	56.2402	56.2402	1.1900e-003	8.8700e-003	58.9143
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.1200e-003	3.6700e-003	0.0597	2.1000e-004	0.0301	1.0000e-004	0.0302	7.9900e-003	9.0000e-005	8.0800e-003	0.0000	19.1506	19.1506	3.3000e-004	4.3000e-004	19.2865
Total	8.6000e-003	0.1233	0.0942	7.9000e-004	0.0507	1.4900e-003	0.0522	0.0137	1.4200e-003	0.0151	0.0000	75.3908	75.3908	1.5200e-003	9.3000e-003	78.2008

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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 On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2606	0.0000	0.2606	0.0395	0.0000	0.0395	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3786	1.7843	3.4523	8.4400e-003		0.0641	0.0641		0.0641	0.0641	0.0000	724.9233	724.9233	0.0306	0.0000	725.6879
Total	0.3786	1.7843	3.4523	8.4400e-003	0.2606	0.0641	0.3247	0.0395	0.0641	0.1035	0.0000	724.9233	724.9233	0.0306	0.0000	725.6879

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4800e-003	0.1185	0.0347	5.7000e-004	0.0206	1.3800e-003	0.0220	5.6700e-003	1.3200e-003	6.9900e-003	0.0000	55.0579	55.0579	1.2300e-003	8.6900e-003	57.6780
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.7800e-003	3.4000e-003	0.0572	2.0000e-004	0.0301	9.0000e-005	0.0302	7.9900e-003	9.0000e-005	8.0800e-003	0.0000	18.7390	18.7390	3.0000e-004	4.1000e-004	18.8696
Total	8.2600e-003	0.1219	0.0919	7.7000e-004	0.0507	1.4700e-003	0.0522	0.0137	1.4100e-003	0.0151	0.0000	73.7969	73.7969	1.5300e-003	9.1000e-003	76.5476

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1173	0.0000	0.1173	0.0178	0.0000	0.0178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3786	1.7843	3.4523	8.4400e-003		0.0641	0.0641		0.0641	0.0641	0.0000	724.9225	724.9225	0.0306	0.0000	725.6871
Total	0.3786	1.7843	3.4523	8.4400e-003	0.1173	0.0641	0.1813	0.0178	0.0641	0.0818	0.0000	724.9225	724.9225	0.0306	0.0000	725.6871

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4800e-003	0.1185	0.0347	5.7000e-004	0.0206	1.3800e-003	0.0220	5.6700e-003	1.3200e-003	6.9900e-003	0.0000	55.0579	55.0579	1.2300e-003	8.6900e-003	57.6780
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.7800e-003	3.4000e-003	0.0572	2.0000e-004	0.0301	9.0000e-005	0.0302	7.9900e-003	9.0000e-005	8.0800e-003	0.0000	18.7390	18.7390	3.0000e-004	4.1000e-004	18.8696
Total	8.2600e-003	0.1219	0.0919	7.7000e-004	0.0507	1.4700e-003	0.0522	0.0137	1.4100e-003	0.0151	0.0000	73.7969	73.7969	1.5300e-003	9.1000e-003	76.5476

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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 - 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					0.2606	0.0000	0.2606	0.0395	0.0000	0.0395	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3786	1.7843	3.4523	8.4400e-003		0.0641	0.0641		0.0641	0.0641	0.0000	724.9233	724.9233	0.0306	0.0000	725.6879
Total	0.3786	1.7843	3.4523	8.4400e-003	0.2606	0.0641	0.3247	0.0395	0.0641	0.1035	0.0000	724.9233	724.9233	0.0306	0.0000	725.6879

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4600e-003	0.1186	0.0350	5.5000e-004	0.0206	1.3300e-003	0.0220	5.6700e-003	1.2800e-003	6.9400e-003	0.0000	53.9492	53.9492	1.2700e-003	8.5200e-003	56.5186
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.1800e-003	0.0555	2.0000e-004	0.0301	9.0000e-005	0.0302	7.9900e-003	8.0000e-005	8.0700e-003	0.0000	18.4111	18.4111	2.8000e-004	4.0000e-004	18.5374
Total	7.9100e-003	0.1218	0.0905	7.5000e-004	0.0507	1.4200e-003	0.0522	0.0137	1.3600e-003	0.0150	0.0000	72.3603	72.3603	1.5500e-003	8.9200e-003	75.0560

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1173	0.0000	0.1173	0.0178	0.0000	0.0178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3786	1.7843	3.4523	8.4400e-003		0.0641	0.0641		0.0641	0.0641	0.0000	724.9225	724.9225	0.0306	0.0000	725.6871
Total	0.3786	1.7843	3.4523	8.4400e-003	0.1173	0.0641	0.1813	0.0178	0.0641	0.0818	0.0000	724.9225	724.9225	0.0306	0.0000	725.6871

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4600e-003	0.1186	0.0350	5.5000e-004	0.0206	1.3300e-003	0.0220	5.6700e-003	1.2800e-003	6.9400e-003	0.0000	53.9492	53.9492	1.2700e-003	8.5200e-003	56.5186
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.1800e-003	0.0555	2.0000e-004	0.0301	9.0000e-005	0.0302	7.9900e-003	8.0000e-005	8.0700e-003	0.0000	18.4111	18.4111	2.8000e-004	4.0000e-004	18.5374
Total	7.9100e-003	0.1218	0.0905	7.5000e-004	0.0507	1.4200e-003	0.0522	0.0137	1.3600e-003	0.0150	0.0000	72.3603	72.3603	1.5500e-003	8.9200e-003	75.0560

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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 - 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					
Fugitive Dust					0.2613	0.0000	0.2613	0.0396	0.0000	0.0396	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3797	1.7892	3.4618	8.4600e-003		0.0643	0.0643		0.0643	0.0643	0.0000	726.9094	726.9094	0.0307	0.0000	727.6761
Total	0.3797	1.7892	3.4618	8.4600e-003	0.2613	0.0643	0.3256	0.0396	0.0643	0.1038	0.0000	726.9094	726.9094	0.0307	0.0000	727.6761

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4700e-003	0.1181	0.0353	5.4000e-004	0.0207	1.3300e-003	0.0220	5.6800e-003	1.2700e-003	6.9600e-003	0.0000	53.1450	53.1450	1.3000e-003	8.3900e-003	55.6780
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1700e-003	2.9900e-003	0.0538	2.0000e-004	0.0302	8.0000e-005	0.0303	8.0100e-003	8.0000e-005	8.0900e-003	0.0000	18.1402	18.1402	2.6000e-004	3.9000e-004	18.2629
Total	7.6400e-003	0.1211	0.0890	7.4000e-004	0.0509	1.4100e-003	0.0523	0.0137	1.3500e-003	0.0151	0.0000	71.2852	71.2852	1.5600e-003	8.7800e-003	73.9409

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1176	0.0000	0.1176	0.0178	0.0000	0.0178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3797	1.7892	3.4618	8.4600e-003		0.0643	0.0643		0.0643	0.0643	0.0000	726.9086	726.9086	0.0307	0.0000	727.6753
Total	0.3797	1.7892	3.4618	8.4600e-003	0.1176	0.0643	0.1819	0.0178	0.0643	0.0821	0.0000	726.9086	726.9086	0.0307	0.0000	727.6753

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4700e-003	0.1181	0.0353	5.4000e-004	0.0207	1.3300e-003	0.0220	5.6800e-003	1.2700e-003	6.9600e-003	0.0000	53.1450	53.1450	1.3000e-003	8.3900e-003	55.6780
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1700e-003	2.9900e-003	0.0538	2.0000e-004	0.0302	8.0000e-005	0.0303	8.0100e-003	8.0000e-005	8.0900e-003	0.0000	18.1402	18.1402	2.6000e-004	3.9000e-004	18.2629
Total	7.6400e-003	0.1211	0.0890	7.4000e-004	0.0509	1.4100e-003	0.0523	0.0137	1.3500e-003	0.0151	0.0000	71.2852	71.2852	1.5600e-003	8.7800e-003	73.9409

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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 - 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					
Fugitive Dust					0.2606	0.0000	0.2606	0.0395	0.0000	0.0395	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3786	1.7843	3.4523	8.4400e-003		0.0641	0.0641		0.0641	0.0641	0.0000	724.9233	724.9233	0.0306	0.0000	725.6879
Total	0.3786	1.7843	3.4523	8.4400e-003	0.2606	0.0641	0.3247	0.0395	0.0641	0.1035	0.0000	724.9233	724.9233	0.0306	0.0000	725.6879

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4700e-003	0.1170	0.0354	5.3000e-004	0.0206	1.3200e-003	0.0220	5.6700e-003	1.2600e-003	6.9300e-003	0.0000	52.1646	52.1646	1.3300e-003	8.2400e-003	54.6526
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8900e-003	2.8200e-003	0.0519	1.9000e-004	0.0301	8.0000e-005	0.0302	7.9900e-003	7.0000e-005	8.0600e-003	0.0000	17.8091	17.8091	2.5000e-004	3.8000e-004	17.9283
Total	7.3600e-003	0.1198	0.0873	7.2000e-004	0.0507	1.4000e-003	0.0521	0.0137	1.3300e-003	0.0150	0.0000	69.9737	69.9737	1.5800e-003	8.6200e-003	72.5809

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1173	0.0000	0.1173	0.0178	0.0000	0.0178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3786	1.7843	3.4523	8.4400e-003		0.0641	0.0641		0.0641	0.0641	0.0000	724.9225	724.9225	0.0306	0.0000	725.6871
Total	0.3786	1.7843	3.4523	8.4400e-003	0.1173	0.0641	0.1813	0.0178	0.0641	0.0818	0.0000	724.9225	724.9225	0.0306	0.0000	725.6871

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4700e-003	0.1170	0.0354	5.3000e-004	0.0206	1.3200e-003	0.0220	5.6700e-003	1.2600e-003	6.9300e-003	0.0000	52.1646	52.1646	1.3300e-003	8.2400e-003	54.6526
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8900e-003	2.8200e-003	0.0519	1.9000e-004	0.0301	8.0000e-005	0.0302	7.9900e-003	7.0000e-005	8.0600e-003	0.0000	17.8091	17.8091	2.5000e-004	3.8000e-004	17.9283
Total	7.3600e-003	0.1198	0.0873	7.2000e-004	0.0507	1.4000e-003	0.0521	0.0137	1.3300e-003	0.0150	0.0000	69.9737	69.9737	1.5800e-003	8.6200e-003	72.5809

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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 On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2606	0.0000	0.2606	0.0395	0.0000	0.0395	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3786	1.7843	3.4523	8.4400e-003		0.0641	0.0641		0.0641	0.0641	0.0000	724.9233	724.9233	0.0306	0.0000	725.6879
Total	0.3786	1.7843	3.4523	8.4400e-003	0.2606	0.0641	0.3247	0.0395	0.0641	0.1035	0.0000	724.9233	724.9233	0.0306	0.0000	725.6879

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4700e-003	0.1162	0.0356	5.3000e-004	0.0206	1.3100e-003	0.0220	5.6700e-003	1.2600e-003	6.9200e-003	0.0000	51.4128	51.4128	1.3600e-003	8.1200e-003	53.8665
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6500e-003	2.6900e-003	0.0504	1.9000e-004	0.0301	7.0000e-005	0.0302	7.9900e-003	7.0000e-005	8.0600e-003	0.0000	17.5617	17.5617	2.3000e-004	3.7000e-004	17.6782
Total	7.1200e-003	0.1189	0.0860	7.2000e-004	0.0507	1.3800e-003	0.0521	0.0137	1.3300e-003	0.0150	0.0000	68.9745	68.9745	1.5900e-003	8.4900e-003	71.5446

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1173	0.0000	0.1173	0.0178	0.0000	0.0178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3786	1.7843	3.4523	8.4400e-003		0.0641	0.0641		0.0641	0.0641	0.0000	724.9225	724.9225	0.0306	0.0000	725.6871
Total	0.3786	1.7843	3.4523	8.4400e-003	0.1173	0.0641	0.1813	0.0178	0.0641	0.0818	0.0000	724.9225	724.9225	0.0306	0.0000	725.6871

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4700e-003	0.1162	0.0356	5.3000e-004	0.0206	1.3100e-003	0.0220	5.6700e-003	1.2600e-003	6.9200e-003	0.0000	51.4128	51.4128	1.3600e-003	8.1200e-003	53.8665
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6500e-003	2.6900e-003	0.0504	1.9000e-004	0.0301	7.0000e-005	0.0302	7.9900e-003	7.0000e-005	8.0600e-003	0.0000	17.5617	17.5617	2.3000e-004	3.7000e-004	17.6782
Total	7.1200e-003	0.1189	0.0860	7.2000e-004	0.0507	1.3800e-003	0.0521	0.0137	1.3300e-003	0.0150	0.0000	68.9745	68.9745	1.5900e-003	8.4900e-003	71.5446

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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 - 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					
Fugitive Dust					0.2606	0.0000	0.2606	0.0395	0.0000	0.0395	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3342	1.2605	3.4140	8.4400e-003		0.0414	0.0414		0.0414	0.0414	0.0000	724.9233	724.9233	0.0265	0.0000	725.5852
Total	0.3342	1.2605	3.4140	8.4400e-003	0.2606	0.0414	0.3020	0.0395	0.0414	0.0808	0.0000	724.9233	724.9233	0.0265	0.0000	725.5852

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4700e-003	0.1155	0.0358	5.2000e-004	0.0206	1.3100e-003	0.0220	5.6700e-003	1.2500e-003	6.9200e-003	0.0000	50.7486	50.7486	1.3800e-003	8.0200e-003	53.1719
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4300e-003	2.5800e-003	0.0491	1.9000e-004	0.0301	7.0000e-005	0.0302	7.9900e-003	6.0000e-005	8.0500e-003	0.0000	17.3461	17.3461	2.2000e-004	3.7000e-004	17.4604
Total	6.9000e-003	0.1181	0.0849	7.1000e-004	0.0507	1.3800e-003	0.0521	0.0137	1.3100e-003	0.0150	0.0000	68.0947	68.0947	1.6000e-003	8.3900e-003	70.6323

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1173	0.0000	0.1173	0.0178	0.0000	0.0178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3342	1.2605	3.4140	8.4400e-003		0.0414	0.0414		0.0414	0.0414	0.0000	724.9225	724.9225	0.0265	0.0000	725.5843
Total	0.3342	1.2605	3.4140	8.4400e-003	0.1173	0.0414	0.1587	0.0178	0.0414	0.0591	0.0000	724.9225	724.9225	0.0265	0.0000	725.5843

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4700e-003	0.1155	0.0358	5.2000e-004	0.0206	1.3100e-003	0.0220	5.6700e-003	1.2500e-003	6.9200e-003	0.0000	50.7486	50.7486	1.3800e-003	8.0200e-003	53.1719
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4300e-003	2.5800e-003	0.0491	1.9000e-004	0.0301	7.0000e-005	0.0302	7.9900e-003	6.0000e-005	8.0500e-003	0.0000	17.3461	17.3461	2.2000e-004	3.7000e-004	17.4604
Total	6.9000e-003	0.1181	0.0849	7.1000e-004	0.0507	1.3800e-003	0.0521	0.0137	1.3100e-003	0.0150	0.0000	68.0947	68.0947	1.6000e-003	8.3900e-003	70.6323

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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 - 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					
Fugitive Dust					0.2613	0.0000	0.2613	0.0396	0.0000	0.0396	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3351	1.2640	3.4233	8.4600e-003		0.0415	0.0415		0.0415	0.0415	0.0000	726.9094	726.9094	0.0266	0.0000	727.5731
Total	0.3351	1.2640	3.4233	8.4600e-003	0.2613	0.0415	0.3028	0.0396	0.0415	0.0811	0.0000	726.9094	726.9094	0.0266	0.0000	727.5731

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4800e-003	0.1158	0.0359	5.2000e-004	0.0207	1.3100e-003	0.0220	5.6800e-003	1.2600e-003	6.9400e-003	0.0000	50.8877	50.8877	1.3900e-003	8.0400e-003	53.3176
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4500e-003	2.5900e-003	0.0493	1.9000e-004	0.0302	7.0000e-005	0.0302	8.0100e-003	6.0000e-005	8.0800e-003	0.0000	17.3936	17.3936	2.2000e-004	3.7000e-004	17.5082
Total	6.9300e-003	0.1184	0.0852	7.1000e-004	0.0509	1.3800e-003	0.0523	0.0137	1.3200e-003	0.0150	0.0000	68.2812	68.2812	1.6100e-003	8.4100e-003	70.8258

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1176	0.0000	0.1176	0.0178	0.0000	0.0178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3351	1.2640	3.4233	8.4600e-003		0.0415	0.0415		0.0415	0.0415	0.0000	726.9086	726.9086	0.0266	0.0000	727.5722
Total	0.3351	1.2640	3.4233	8.4600e-003	0.1176	0.0415	0.1591	0.0178	0.0415	0.0593	0.0000	726.9086	726.9086	0.0266	0.0000	727.5722

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4800e-003	0.1158	0.0359	5.2000e-004	0.0207	1.3100e-003	0.0220	5.6800e-003	1.2600e-003	6.9400e-003	0.0000	50.8877	50.8877	1.3900e-003	8.0400e-003	53.3176
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4500e-003	2.5900e-003	0.0493	1.9000e-004	0.0302	7.0000e-005	0.0302	8.0100e-003	6.0000e-005	8.0800e-003	0.0000	17.3936	17.3936	2.2000e-004	3.7000e-004	17.5082
Total	6.9300e-003	0.1184	0.0852	7.1000e-004	0.0509	1.3800e-003	0.0523	0.0137	1.3200e-003	0.0150	0.0000	68.2812	68.2812	1.6100e-003	8.4100e-003	70.8258

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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 - 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					
Fugitive Dust					0.2606	0.0000	0.2606	0.0395	0.0000	0.0395	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3342	1.2605	3.4140	8.4400e-003		0.0414	0.0414		0.0414	0.0414	0.0000	724.9233	724.9233	0.0265	0.0000	725.5852
Total	0.3342	1.2605	3.4140	8.4400e-003	0.2606	0.0414	0.3020	0.0395	0.0414	0.0808	0.0000	724.9233	724.9233	0.0265	0.0000	725.5852

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4700e-003	0.1155	0.0358	5.2000e-004	0.0206	1.3100e-003	0.0220	5.6700e-003	1.2500e-003	6.9200e-003	0.0000	50.7486	50.7486	1.3800e-003	8.0200e-003	53.1719
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4300e-003	2.5800e-003	0.0491	1.9000e-004	0.0301	7.0000e-005	0.0302	7.9900e-003	6.0000e-005	8.0500e-003	0.0000	17.3461	17.3461	2.2000e-004	3.7000e-004	17.4604
Total	6.9000e-003	0.1181	0.0849	7.1000e-004	0.0507	1.3800e-003	0.0521	0.0137	1.3100e-003	0.0150	0.0000	68.0947	68.0947	1.6000e-003	8.3900e-003	70.6323

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1173	0.0000	0.1173	0.0178	0.0000	0.0178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3342	1.2605	3.4140	8.4400e-003		0.0414	0.0414		0.0414	0.0414	0.0000	724.9225	724.9225	0.0265	0.0000	725.5843
Total	0.3342	1.2605	3.4140	8.4400e-003	0.1173	0.0414	0.1587	0.0178	0.0414	0.0591	0.0000	724.9225	724.9225	0.0265	0.0000	725.5843

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4700e-003	0.1155	0.0358	5.2000e-004	0.0206	1.3100e-003	0.0220	5.6700e-003	1.2500e-003	6.9200e-003	0.0000	50.7486	50.7486	1.3800e-003	8.0200e-003	53.1719
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4300e-003	2.5800e-003	0.0491	1.9000e-004	0.0301	7.0000e-005	0.0302	7.9900e-003	6.0000e-005	8.0500e-003	0.0000	17.3461	17.3461	2.2000e-004	3.7000e-004	17.4604
Total	6.9000e-003	0.1181	0.0849	7.1000e-004	0.0507	1.3800e-003	0.0521	0.0137	1.3100e-003	0.0150	0.0000	68.0947	68.0947	1.6000e-003	8.3900e-003	70.6323

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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 - 2038****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2606	0.0000	0.2606	0.0395	0.0000	0.0395	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3342	1.2605	3.4140	8.4400e-003		0.0414	0.0414		0.0414	0.0414	0.0000	724.9233	724.9233	0.0265	0.0000	725.5852
Total	0.3342	1.2605	3.4140	8.4400e-003	0.2606	0.0414	0.3020	0.0395	0.0414	0.0808	0.0000	724.9233	724.9233	0.0265	0.0000	725.5852

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4700e-003	0.1155	0.0358	5.2000e-004	0.0206	1.3100e-003	0.0220	5.6700e-003	1.2500e-003	6.9200e-003	0.0000	50.7486	50.7486	1.3800e-003	8.0200e-003	53.1719
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4300e-003	2.5800e-003	0.0491	1.9000e-004	0.0301	7.0000e-005	0.0302	7.9900e-003	6.0000e-005	8.0500e-003	0.0000	17.3461	17.3461	2.2000e-004	3.7000e-004	17.4604
Total	6.9000e-003	0.1181	0.0849	7.1000e-004	0.0507	1.3800e-003	0.0521	0.0137	1.3100e-003	0.0150	0.0000	68.0947	68.0947	1.6000e-003	8.3900e-003	70.6323

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1173	0.0000	0.1173	0.0178	0.0000	0.0178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3342	1.2605	3.4140	8.4400e-003		0.0414	0.0414		0.0414	0.0414	0.0000	724.9225	724.9225	0.0265	0.0000	725.5843
Total	0.3342	1.2605	3.4140	8.4400e-003	0.1173	0.0414	0.1587	0.0178	0.0414	0.0591	0.0000	724.9225	724.9225	0.0265	0.0000	725.5843

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4700e-003	0.1155	0.0358	5.2000e-004	0.0206	1.3100e-003	0.0220	5.6700e-003	1.2500e-003	6.9200e-003	0.0000	50.7486	50.7486	1.3800e-003	8.0200e-003	53.1719
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4300e-003	2.5800e-003	0.0491	1.9000e-004	0.0301	7.0000e-005	0.0302	7.9900e-003	6.0000e-005	8.0500e-003	0.0000	17.3461	17.3461	2.2000e-004	3.7000e-004	17.4604
Total	6.9000e-003	0.1181	0.0849	7.1000e-004	0.0507	1.3800e-003	0.0521	0.0137	1.3100e-003	0.0150	0.0000	68.0947	68.0947	1.6000e-003	8.3900e-003	70.6323

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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 - 2039****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2542	0.0000	0.2542	0.0385	0.0000	0.0385	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3259	1.2294	3.3298	8.2300e-003		0.0404	0.0404		0.0404	0.0404	0.0000	707.0485	707.0485	0.0258	0.0000	707.6941
Total	0.3259	1.2294	3.3298	8.2300e-003	0.2542	0.0404	0.2945	0.0385	0.0404	0.0789	0.0000	707.0485	707.0485	0.0258	0.0000	707.6941

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4100e-003	0.1127	0.0349	5.1000e-004	0.0201	1.2800e-003	0.0214	5.5300e-003	1.2200e-003	6.7500e-003	0.0000	49.4973	49.4973	1.3500e-003	7.8200e-003	51.8608
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3200e-003	2.5200e-003	0.0479	1.8000e-004	0.0294	7.0000e-005	0.0294	7.7900e-003	6.0000e-005	7.8500e-003	0.0000	16.9184	16.9184	2.1000e-004	3.6000e-004	17.0299
Total	6.7300e-003	0.1152	0.0828	6.9000e-004	0.0495	1.3500e-003	0.0508	0.0133	1.2800e-003	0.0146	0.0000	66.4156	66.4156	1.5600e-003	8.1800e-003	68.8907

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1144	0.0000	0.1144	0.0173	0.0000	0.0173	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3259	1.2294	3.3298	8.2300e-003		0.0404	0.0404		0.0404	0.0404	0.0000	707.0477	707.0477	0.0258	0.0000	707.6932
Total	0.3259	1.2294	3.3298	8.2300e-003	0.1144	0.0404	0.1547	0.0173	0.0404	0.0577	0.0000	707.0477	707.0477	0.0258	0.0000	707.6932

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4100e-003	0.1127	0.0349	5.1000e-004	0.0201	1.2800e-003	0.0214	5.5300e-003	1.2200e-003	6.7500e-003	0.0000	49.4973	49.4973	1.3500e-003	7.8200e-003	51.8608
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3200e-003	2.5200e-003	0.0479	1.8000e-004	0.0294	7.0000e-005	0.0294	7.7900e-003	6.0000e-005	7.8500e-003	0.0000	16.9184	16.9184	2.1000e-004	3.6000e-004	17.0299
Total	6.7300e-003	0.1152	0.0828	6.9000e-004	0.0495	1.3500e-003	0.0508	0.0133	1.2800e-003	0.0146	0.0000	66.4156	66.4156	1.5600e-003	8.1800e-003	68.8907

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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 - 2023****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3588	0.0000	2.3588	1.2123	0.0000	1.2123	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3191	3.3029	2.1893	4.5700e-003		0.1519	0.1519		0.1398	0.1398	0.0000	401.4084	401.4084	0.1298	0.0000	404.6540
Total	0.3191	3.3029	2.1893	4.5700e-003	2.3588	0.1519	2.5108	1.2123	0.1398	1.3521	0.0000	401.4084	401.4084	0.1298	0.0000	404.6540

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0100e-003	5.1900e-003	0.0676	2.0000e-004	0.0237	1.1000e-004	0.0239	6.3000e-003	1.0000e-004	6.4100e-003	0.0000	18.0544	18.0544	4.5000e-004	4.8000e-004	18.2086
Total	7.0100e-003	5.1900e-003	0.0676	2.0000e-004	0.0237	1.1000e-004	0.0239	6.3000e-003	1.0000e-004	6.4100e-003	0.0000	18.0544	18.0544	4.5000e-004	4.8000e-004	18.2086

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.0615	0.0000	1.0615	0.5455	0.0000	0.5455	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3191	3.3029	2.1893	4.5700e-003		0.1519	0.1519		0.1398	0.1398	0.0000	401.4079	401.4079	0.1298	0.0000	404.6535
Total	0.3191	3.3029	2.1893	4.5700e-003	1.0615	0.1519	1.2134	0.5455	0.1398	0.6853	0.0000	401.4079	401.4079	0.1298	0.0000	404.6535

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0100e-003	5.1900e-003	0.0676	2.0000e-004	0.0237	1.1000e-004	0.0239	6.3000e-003	1.0000e-004	6.4100e-003	0.0000	18.0544	18.0544	4.5000e-004	4.8000e-004	18.2086
Total	7.0100e-003	5.1900e-003	0.0676	2.0000e-004	0.0237	1.1000e-004	0.0239	6.3000e-003	1.0000e-004	6.4100e-003	0.0000	18.0544	18.0544	4.5000e-004	4.8000e-004	18.2086

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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 - 2023****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0853	0.0000	2.0853	0.7106	0.0000	0.7106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6062	6.2991	5.1193	0.0113		0.2600	0.2600		0.2392	0.2392	0.0000	995.2676	995.2676	0.3219	0.0000	1,003.3148
Total	0.6062	6.2991	5.1193	0.0113	2.0853	0.2600	2.3453	0.7106	0.2392	0.9498	0.0000	995.2676	995.2676	0.3219	0.0000	1,003.3148

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0118	8.7700e-003	0.1143	3.3000e-004	0.0401	1.9000e-004	0.0403	0.0107	1.8000e-004	0.0108	0.0000	30.5086	30.5086	7.6000e-004	8.1000e-004	30.7691
Total	0.0118	8.7700e-003	0.1143	3.3000e-004	0.0401	1.9000e-004	0.0403	0.0107	1.8000e-004	0.0108	0.0000	30.5086	30.5086	7.6000e-004	8.1000e-004	30.7691

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9384	0.0000	0.9384	0.3198	0.0000	0.3198	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6062	6.2991	5.1193	0.0113		0.2600	0.2600		0.2392	0.2392	0.0000	995.2664	995.2664	0.3219	0.0000	1,003.3136
Total	0.6062	6.2991	5.1193	0.0113	0.9384	0.2600	1.1984	0.3198	0.2392	0.5589	0.0000	995.2664	995.2664	0.3219	0.0000	1,003.3136

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0118	8.7700e-003	0.1143	3.3000e-004	0.0401	1.9000e-004	0.0403	0.0107	1.8000e-004	0.0108	0.0000	30.5086	30.5086	7.6000e-004	8.1000e-004	30.7691
Total	0.0118	8.7700e-003	0.1143	3.3000e-004	0.0401	1.9000e-004	0.0403	0.0107	1.8000e-004	0.0108	0.0000	30.5086	30.5086	7.6000e-004	8.1000e-004	30.7691

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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					1.7541	0.0000	1.7541	0.5286	0.0000	0.5286	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4103	4.1281	3.5347	7.9100e-003		0.1703	0.1703		0.1566	0.1566	0.0000	695.1239	695.1239	0.2248	0.0000	700.7444
Total	0.4103	4.1281	3.5347	7.9100e-003	1.7541	0.1703	1.9243	0.5286	0.1566	0.6852	0.0000	695.1239	695.1239	0.2248	0.0000	700.7444

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.7200e-003	5.4500e-003	0.0747	2.3000e-004	0.0280	1.3000e-004	0.0282	7.4400e-003	1.2000e-004	7.5600e-003	0.0000	20.6394	20.6394	4.8000e-004	5.3000e-004	20.8081
Total	7.7200e-003	5.4500e-003	0.0747	2.3000e-004	0.0280	1.3000e-004	0.0282	7.4400e-003	1.2000e-004	7.5600e-003	0.0000	20.6394	20.6394	4.8000e-004	5.3000e-004	20.8081

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.7893	0.0000	0.7893	0.2379	0.0000	0.2379	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4103	4.1281	3.5347	7.9100e-003		0.1703	0.1703		0.1566	0.1566	0.0000	695.1231	695.1231	0.2248	0.0000	700.7435
Total	0.4103	4.1281	3.5347	7.9100e-003	0.7893	0.1703	0.9596	0.2379	0.1566	0.3945	0.0000	695.1231	695.1231	0.2248	0.0000	700.7435

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.7200e-003	5.4500e-003	0.0747	2.3000e-004	0.0280	1.3000e-004	0.0282	7.4400e-003	1.2000e-004	7.5600e-003	0.0000	20.6394	20.6394	4.8000e-004	5.3000e-004	20.8081
Total	7.7200e-003	5.4500e-003	0.0747	2.3000e-004	0.0280	1.3000e-004	0.0282	7.4400e-003	1.2000e-004	7.5600e-003	0.0000	20.6394	20.6394	4.8000e-004	5.3000e-004	20.8081

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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 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	0.2870	2.6252	2.9645	4.9200e-003		0.1277	0.1277		0.1202	0.1202	0.0000	423.0437	423.0437	0.1006	0.0000	425.5596
Total	0.2870	2.6252	2.9645	4.9200e-003		0.1277	0.1277		0.1202	0.1202	0.0000	423.0437	423.0437	0.1006	0.0000	425.5596

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4353	13.7720	5.4867	0.0703	2.5376	0.1145	2.6521	0.7322	0.1095	0.8417	0.0000	6,758.3282	6,758.3282	0.0683	0.9993	7,057.8351
Worker	5.1554	3.8190	49.7564	0.1449	17.4675	0.0831	17.5505	4.6383	0.0765	4.7148	0.0000	13,283.4579	13,283.4579	0.3315	0.3527	13,396.8555
Total	5.5908	17.5910	55.2431	0.2151	20.0051	0.1975	20.2026	5.3705	0.1860	5.5564	0.0000	20,041.7861	20,041.7861	0.3998	1.3521	20,454.6906

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2870	2.6252	2.9645	4.9200e-003		0.1277	0.1277		0.1202	0.1202	0.0000	423.0432	423.0432	0.1006	0.0000	425.5590
Total	0.2870	2.6252	2.9645	4.9200e-003		0.1277	0.1277		0.1202	0.1202	0.0000	423.0432	423.0432	0.1006	0.0000	425.5590

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4353	13.7720	5.4867	0.0703	2.5376	0.1145	2.6521	0.7322	0.1095	0.8417	0.0000	6,758.3282	6,758.3282	0.0683	0.9993	7,057.8351
Worker	5.1554	3.8190	49.7564	0.1449	17.4675	0.0831	17.5505	4.6383	0.0765	4.7148	0.0000	13,283.4579	13,283.4579	0.3315	0.3527	13,396.8555
Total	5.5908	17.5910	55.2431	0.2151	20.0051	0.1975	20.2026	5.3705	0.1860	5.5564	0.0000	20,041.7861	20,041.7861	0.3998	1.3521	20,454.6906

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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 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	0.2693	2.4602	2.9585	4.9300e-003		0.1122	0.1122		0.1056	0.1056	0.0000	424.2839	424.2839	0.1003	0.0000	426.7921
Total	0.2693	2.4602	2.9585	4.9300e-003		0.1122	0.1122		0.1056	0.1056	0.0000	424.2839	424.2839	0.1003	0.0000	426.7921

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4297	13.8110	5.4392	0.0693	2.5445	0.1140	2.6585	0.7341	0.1091	0.8432	0.0000	6,672.4470	6,672.4470	0.0709	0.9851	6,967.7809
Worker	4.8251	3.4086	46.6607	0.1407	17.5153	0.0795	17.5948	4.6510	0.0731	4.7242	0.0000	12,898.1050	12,898.1050	0.3015	0.3285	13,003.5244
Total	5.2548	17.2195	52.0999	0.2100	20.0599	0.1935	20.2533	5.3852	0.1822	5.5674	0.0000	19,570.5520	19,570.5520	0.3725	1.3136	19,971.3053

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2693	2.4602	2.9585	4.9300e-003		0.1122	0.1122		0.1056	0.1056	0.0000	424.2834	424.2834	0.1003	0.0000	426.7916
Total	0.2693	2.4602	2.9585	4.9300e-003		0.1122	0.1122		0.1056	0.1056	0.0000	424.2834	424.2834	0.1003	0.0000	426.7916

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4297	13.8110	5.4392	0.0693	2.5445	0.1140	2.6585	0.7341	0.1091	0.8432	0.0000	6,672.4470	6,672.4470	0.0709	0.9851	6,967.7809
Worker	4.8251	3.4086	46.6607	0.1407	17.5153	0.0795	17.5948	4.6510	0.0731	4.7242	0.0000	12,898.1050	12,898.1050	0.3015	0.3285	13,003.5244
Total	5.2548	17.2195	52.0999	0.2100	20.0599	0.1935	20.2533	5.3852	0.1822	5.5674	0.0000	19,570.5520	19,570.5520	0.3725	1.3136	19,971.3053

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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 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	0.2496	2.2757	2.9355	4.9200e-003		0.0963	0.0963		0.0906	0.0906	0.0000	423.2530	423.2530	0.0995	0.0000	425.7403
Total	0.2496	2.2757	2.9355	4.9200e-003		0.0963	0.0963		0.0906	0.0906	0.0000	423.2530	423.2530	0.0995	0.0000	425.7403

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4228	13.6592	5.3638	0.0679	2.5375	0.1138	2.6513	0.7321	0.1088	0.8410	0.0000	6,536.9604	6,536.9604	0.0734	0.9632	6,825.8123
Worker	4.5011	3.0454	43.3165	0.1355	17.4675	0.0752	17.5427	4.6383	0.0692	4.7075	0.0000	12,426.6259	12,426.6259	0.2717	0.3056	12,524.4853
Total	4.9240	16.7046	48.6803	0.2034	20.0050	0.1890	20.1940	5.3704	0.1781	5.5485	0.0000	18,963.5863	18,963.5863	0.3451	1.2687	19,350.2976

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2496	2.2757	2.9355	4.9200e-003		0.0963	0.0963		0.0906	0.0906	0.0000	423.2525	423.2525	0.0995	0.0000	425.7398
Total	0.2496	2.2757	2.9355	4.9200e-003		0.0963	0.0963		0.0906	0.0906	0.0000	423.2525	423.2525	0.0995	0.0000	425.7398

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4228	13.6592	5.3638	0.0679	2.5375	0.1138	2.6513	0.7321	0.1088	0.8410	0.0000	6,536.9604	6,536.9604	0.0734	0.9632	6,825.8123
Worker	4.5011	3.0454	43.3165	0.1355	17.4675	0.0752	17.5427	4.6383	0.0692	4.7075	0.0000	12,426.6259	12,426.6259	0.2717	0.3056	12,524.4853
Total	4.9240	16.7046	48.6803	0.2034	20.0050	0.1890	20.1940	5.3704	0.1781	5.5485	0.0000	18,963.5863	18,963.5863	0.3451	1.2687	19,350.2976

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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 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	0.2496	2.2757	2.9355	4.9200e-003		0.0963	0.0963		0.0906	0.0906	0.0000	423.2530	423.2530	0.0995	0.0000	425.7403
Total	0.2496	2.2757	2.9355	4.9200e-003		0.0963	0.0963		0.0906	0.0906	0.0000	423.2530	423.2530	0.0995	0.0000	425.7403

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4178	13.5214	5.3130	0.0667	2.5375	0.1133	2.6508	0.7321	0.1084	0.8405	0.0000	6,418.0562	6,418.0562	0.0760	0.9438	6,701.2011
Worker	4.2320	2.7549	40.6077	0.1313	17.4675	0.0712	17.5386	4.6383	0.0655	4.7038	0.0000	12,039.8427	12,039.8427	0.2467	0.2874	12,131.6681
Total	4.6498	16.2763	45.9207	0.1980	20.0049	0.1845	20.1894	5.3704	0.1739	5.5443	0.0000	18,457.8990	18,457.8990	0.3227	1.2312	18,832.8692

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2496	2.2757	2.9355	4.9200e-003		0.0963	0.0963		0.0906	0.0906	0.0000	423.2525	423.2525	0.0995	0.0000	425.7398
Total	0.2496	2.2757	2.9355	4.9200e-003		0.0963	0.0963		0.0906	0.0906	0.0000	423.2525	423.2525	0.0995	0.0000	425.7398

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4178	13.5214	5.3130	0.0667	2.5375	0.1133	2.6508	0.7321	0.1084	0.8405	0.0000	6,418.0562	6,418.0562	0.0760	0.9438	6,701.2011
Worker	4.2320	2.7549	40.6077	0.1313	17.4675	0.0712	17.5386	4.6383	0.0655	4.7038	0.0000	12,039.8427	12,039.8427	0.2467	0.2874	12,131.6681
Total	4.6498	16.2763	45.9207	0.1980	20.0049	0.1845	20.1894	5.3704	0.1739	5.5443	0.0000	18,457.8990	18,457.8990	0.3227	1.2312	18,832.8692

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2027****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2496	2.2757	2.9355	4.9200e-003		0.0963	0.0963		0.0906	0.0906	0.0000	423.2530	423.2530	0.0995	0.0000	425.7403
Total	0.2496	2.2757	2.9355	4.9200e-003		0.0963	0.0963		0.0906	0.0906	0.0000	423.2530	423.2530	0.0995	0.0000	425.7403

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4134	13.3829	5.2716	0.0653	2.5375	0.1127	2.6501	0.7321	0.1078	0.8399	0.0000	6,292.9773	6,292.9773	0.0783	0.9238	6,570.2310
Worker	3.9856	2.5095	38.2820	0.1275	17.4675	0.0668	17.5342	4.6383	0.0615	4.6998	0.0000	11,693.9134	11,693.9134	0.2251	0.2722	11,780.6567
Total	4.3990	15.8924	43.5536	0.1929	20.0049	0.1795	20.1844	5.3704	0.1692	5.5396	0.0000	17,986.8907	17,986.8907	0.3034	1.1960	18,350.8877

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2496	2.2757	2.9355	4.9200e-003		0.0963	0.0963		0.0906	0.0906	0.0000	423.2525	423.2525	0.0995	0.0000	425.7398
Total	0.2496	2.2757	2.9355	4.9200e-003		0.0963	0.0963		0.0906	0.0906	0.0000	423.2525	423.2525	0.0995	0.0000	425.7398

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4134	13.3829	5.2716	0.0653	2.5375	0.1127	2.6501	0.7321	0.1078	0.8399	0.0000	6,292.9773	6,292.9773	0.0783	0.9238	6,570.2310
Worker	3.9856	2.5095	38.2820	0.1275	17.4675	0.0668	17.5342	4.6383	0.0615	4.6998	0.0000	11,693.9134	11,693.9134	0.2251	0.2722	11,780.6567
Total	4.3990	15.8924	43.5536	0.1929	20.0049	0.1795	20.1844	5.3704	0.1692	5.5396	0.0000	17,986.8907	17,986.8907	0.3034	1.1960	18,350.8877

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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 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	0.2502	2.2820	2.9435	4.9300e-003		0.0965	0.0965		0.0908	0.0908	0.0000	424.4126	424.4126	0.0998	0.0000	426.9068
Total	0.2502	2.2820	2.9435	4.9300e-003		0.0965	0.0965		0.0908	0.0908	0.0000	424.4126	424.4126	0.0998	0.0000	426.9068

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4114	13.3091	5.2571	0.0642	2.5444	0.1124	2.6568	0.7341	0.1076	0.8417	0.0000	6,189.7946	6,189.7946	0.0810	0.9070	6,462.1003
Worker	3.7737	2.3105	36.4376	0.1245	17.5153	0.0624	17.5778	4.6510	0.0575	4.7085	0.0000	11,419.3418	11,419.3418	0.2072	0.2602	11,502.0654
Total	4.1851	15.6196	41.6947	0.1888	20.0597	0.1749	20.2346	5.3851	0.1650	5.5501	0.0000	17,609.1364	17,609.1364	0.2882	1.1672	17,964.1657

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2502	2.2820	2.9435	4.9300e-003		0.0965	0.0965		0.0908	0.0908	0.0000	424.4121	424.4121	0.0998	0.0000	426.9063
Total	0.2502	2.2820	2.9435	4.9300e-003		0.0965	0.0965		0.0908	0.0908	0.0000	424.4121	424.4121	0.0998	0.0000	426.9063

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4114	13.3091	5.2571	0.0642	2.5444	0.1124	2.6568	0.7341	0.1076	0.8417	0.0000	6,189.7946	6,189.7946	0.0810	0.9070	6,462.1003
Worker	3.7737	2.3105	36.4376	0.1245	17.5153	0.0624	17.5778	4.6510	0.0575	4.7085	0.0000	11,419.3418	11,419.3418	0.2072	0.2602	11,502.0654
Total	4.1851	15.6196	41.6947	0.1888	20.0597	0.1749	20.2346	5.3851	0.1650	5.5501	0.0000	17,609.1364	17,609.1364	0.2882	1.1672	17,964.1657

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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 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	0.2496	2.2757	2.9355	4.9200e-003		0.0963	0.0963		0.0906	0.0906	0.0000	423.2530	423.2530	0.0995	0.0000	425.7403
Total	0.2496	2.2757	2.9355	4.9200e-003		0.0963	0.0963		0.0906	0.0906	0.0000	423.2530	423.2530	0.0995	0.0000	425.7403

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4076	13.1723	5.2201	0.0629	2.5374	0.1116	2.6490	0.7321	0.1067	0.8388	0.0000	6,059.8255	6,059.8255	0.0832	0.8864	6,326.0430
Worker	3.5520	2.1277	34.6421	0.1212	17.4675	0.0580	17.5255	4.6383	0.0534	4.6917	0.0000	11,117.5505	11,117.5505	0.1904	0.2487	11,196.4339
Total	3.9596	15.3000	39.8622	0.1841	20.0049	0.1696	20.1744	5.3704	0.1601	5.5305	0.0000	17,177.3760	17,177.3760	0.2736	1.1351	17,522.4769

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2496	2.2757	2.9355	4.9200e-003		0.0963	0.0963		0.0906	0.0906	0.0000	423.2525	423.2525	0.0995	0.0000	425.7398
Total	0.2496	2.2757	2.9355	4.9200e-003		0.0963	0.0963		0.0906	0.0906	0.0000	423.2525	423.2525	0.0995	0.0000	425.7398

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4076	13.1723	5.2201	0.0629	2.5374	0.1116	2.6490	0.7321	0.1067	0.8388	0.0000	6,059.8255	6,059.8255	0.0832	0.8864	6,326.0430
Worker	3.5520	2.1277	34.6421	0.1212	17.4675	0.0580	17.5255	4.6383	0.0534	4.6917	0.0000	11,117.5505	11,117.5505	0.1904	0.2487	11,196.4339
Total	3.9596	15.3000	39.8622	0.1841	20.0049	0.1696	20.1744	5.3704	0.1601	5.5305	0.0000	17,177.3760	17,177.3760	0.2736	1.1351	17,522.4769

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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 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	0.2389	1.4481	2.9487	5.6500e-003		0.0270	0.0270		0.0270	0.0270	0.0000	479.7214	479.7214	0.0193	0.0000	480.2025
Total	0.2389	1.4481	2.9487	5.6500e-003		0.0270	0.0270		0.0270	0.0270	0.0000	479.7214	479.7214	0.0193	0.0000	480.2025

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	0.4056	13.0782	5.2036	0.0617	2.5374	0.1110	2.6484	0.7321	0.1062	0.8383	0.0000	5,953.4672	5,953.4672	0.0855	0.8694	6,214.6713
Worker	3.3550	1.9766	33.1906	0.1186	17.4675	0.0541	17.5216	4.6383	0.0498	4.6881	0.0000	10,878.6191	10,878.6191	0.1762	0.2396	10,954.4374
Total	3.7605	15.0548	38.3942	0.1804	20.0048	0.1651	20.1700	5.3704	0.1560	5.5264	0.0000	16,832.0863	16,832.0863	0.2617	1.1090	17,169.1087

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2389	1.4481	2.9487	5.6500e-003		0.0270	0.0270		0.0270	0.0270	0.0000	479.7208	479.7208	0.0193	0.0000	480.2019
Total	0.2389	1.4481	2.9487	5.6500e-003		0.0270	0.0270		0.0270	0.0270	0.0000	479.7208	479.7208	0.0193	0.0000	480.2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4056	13.0782	5.2036	0.0617	2.5374	0.1110	2.6484	0.7321	0.1062	0.8383	0.0000	5,953.4672	5,953.4672	0.0855	0.8694	6,214.6713
Worker	3.3550	1.9766	33.1906	0.1186	17.4675	0.0541	17.5216	4.6383	0.0498	4.6881	0.0000	10,878.6191	10,878.6191	0.1762	0.2396	10,954.4374
Total	3.7605	15.0548	38.3942	0.1804	20.0048	0.1651	20.1700	5.3704	0.1560	5.5264	0.0000	16,832.0863	16,832.0863	0.2617	1.1090	17,169.1087

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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 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	0.2389	1.4481	2.9487	5.6500e-003		0.0270	0.0270		0.0270	0.0270	0.0000	479.7214	479.7214	0.0193	0.0000	480.2025
Total	0.2389	1.4481	2.9487	5.6500e-003		0.0270	0.0270		0.0270	0.0270	0.0000	479.7214	479.7214	0.0193	0.0000	480.2025

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	0.4038	13.0813	5.2089	0.0607	2.5374	0.1070	2.6444	0.7321	0.1024	0.8344	0.0000	5,851.1965	5,851.1965	0.0876	0.8531	6,107.6226
Worker	3.1654	1.8446	32.2399	0.1166	17.4675	0.0513	17.5188	4.6383	0.0472	4.6855	0.0000	10,688.2800	10,688.2800	0.1645	0.2321	10,761.5624
Total	3.5692	14.9259	37.4487	0.1772	20.0048	0.1583	20.1631	5.3704	0.1496	5.5199	0.0000	16,539.4765	16,539.4765	0.2521	1.0853	16,869.1849

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2389	1.4481	2.9487	5.6500e-003		0.0270	0.0270		0.0270	0.0270	0.0000	479.7208	479.7208	0.0193	0.0000	480.2019
Total	0.2389	1.4481	2.9487	5.6500e-003		0.0270	0.0270		0.0270	0.0270	0.0000	479.7208	479.7208	0.0193	0.0000	480.2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4038	13.0813	5.2089	0.0607	2.5374	0.1070	2.6444	0.7321	0.1024	0.8344	0.0000	5,851.1965	5,851.1965	0.0876	0.8531	6,107.6226
Worker	3.1654	1.8446	32.2399	0.1166	17.4675	0.0513	17.5188	4.6383	0.0472	4.6855	0.0000	10,688.2800	10,688.2800	0.1645	0.2321	10,761.5624
Total	3.5692	14.9259	37.4487	0.1772	20.0048	0.1583	20.1631	5.3704	0.1496	5.5199	0.0000	16,539.4765	16,539.4765	0.2521	1.0853	16,869.1849

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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 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	0.2396	1.4520	2.9567	5.6700e-003		0.0271	0.0271		0.0271	0.0271	0.0000	481.0357	481.0357	0.0193	0.0000	481.5181
Total	0.2396	1.4520	2.9567	5.6700e-003		0.0271	0.0271		0.0271	0.0271	0.0000	481.0357	481.0357	0.0193	0.0000	481.5181

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4047	13.0425	5.2272	0.0599	2.5443	0.1069	2.6512	0.7341	0.1023	0.8363	0.0000	5,781.8935	5,781.8935	0.0899	0.8419	6,035.0353
Worker	3.0009	1.7370	31.2026	0.1148	17.5153	0.0482	17.5635	4.6510	0.0443	4.6953	0.0000	10,530.9935	10,530.9935	0.1537	0.2262	10,602.2391
Total	3.4056	14.7795	36.4298	0.1748	20.0596	0.1551	20.2147	5.3851	0.1466	5.5316	0.0000	16,312.8870	16,312.8870	0.2436	1.0681	16,637.2744

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2396	1.4520	2.9567	5.6700e-003		0.0271	0.0271		0.0271	0.0271	0.0000	481.0351	481.0351	0.0193	0.0000	481.5176
Total	0.2396	1.4520	2.9567	5.6700e-003		0.0271	0.0271		0.0271	0.0271	0.0000	481.0351	481.0351	0.0193	0.0000	481.5176

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4047	13.0425	5.2272	0.0599	2.5443	0.1069	2.6512	0.7341	0.1023	0.8363	0.0000	5,781.8935	5,781.8935	0.0899	0.8419	6,035.0353
Worker	3.0009	1.7370	31.2026	0.1148	17.5153	0.0482	17.5635	4.6510	0.0443	4.6953	0.0000	10,530.9935	10,530.9935	0.1537	0.2262	10,602.2391
Total	3.4056	14.7795	36.4298	0.1748	20.0596	0.1551	20.2147	5.3851	0.1466	5.5316	0.0000	16,312.8870	16,312.8870	0.2436	1.0681	16,637.2744

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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 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	0.2389	1.4481	2.9487	5.6500e-003		0.0270	0.0270		0.0270	0.0270	0.0000	479.7214	479.7214	0.0193	0.0000	480.2025
Total	0.2389	1.4481	2.9487	5.6500e-003		0.0270	0.0270		0.0270	0.0270	0.0000	479.7214	479.7214	0.0193	0.0000	480.2025

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	0.4041	12.9411	5.2239	0.0590	2.5373	0.1062	2.6435	0.7320	0.1016	0.8336	0.0000	5,690.7572	5,690.7572	0.0915	0.8277	5,939.7043
Worker	2.8379	1.6389	30.1485	0.1128	17.4675	0.0451	17.5126	4.6383	0.0415	4.6798	0.0000	10,338.7849	10,338.7849	0.1435	0.2202	10,407.9777
Total	3.2419	14.5800	35.3724	0.1717	20.0048	0.1513	20.1561	5.3703	0.1431	5.5134	0.0000	16,029.5421	16,029.5421	0.2350	1.0479	16,347.6820

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2389	1.4481	2.9487	5.6500e-003		0.0270	0.0270		0.0270	0.0270	0.0000	479.7208	479.7208	0.0193	0.0000	480.2019
Total	0.2389	1.4481	2.9487	5.6500e-003		0.0270	0.0270		0.0270	0.0270	0.0000	479.7208	479.7208	0.0193	0.0000	480.2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4041	12.9411	5.2239	0.0590	2.5373	0.1062	2.6435	0.7320	0.1016	0.8336	0.0000	5,690.7572	5,690.7572	0.0915	0.8277	5,939.7043
Worker	2.8379	1.6389	30.1485	0.1128	17.4675	0.0451	17.5126	4.6383	0.0415	4.6798	0.0000	10,338.7849	10,338.7849	0.1435	0.2202	10,407.9777
Total	3.2419	14.5800	35.3724	0.1717	20.0048	0.1513	20.1561	5.3703	0.1431	5.5134	0.0000	16,029.5421	16,029.5421	0.2350	1.0479	16,347.6820

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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 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	0.2389	1.4481	2.9487	5.6500e-003		0.0270	0.0270		0.0270	0.0270	0.0000	479.7214	479.7214	0.0193	0.0000	480.2025
Total	0.2389	1.4481	2.9487	5.6500e-003		0.0270	0.0270		0.0270	0.0270	0.0000	479.7214	479.7214	0.0193	0.0000	480.2025

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	0.4047	12.8747	5.2365	0.0583	2.5373	0.1057	2.6430	0.7320	0.1011	0.8332	0.0000	5,622.1782	5,622.1782	0.0932	0.8169	5,867.9483
Worker	2.6986	1.5609	29.2760	0.1112	17.4675	0.0424	17.5099	4.6383	0.0390	4.6773	0.0000	10,195.1470	10,195.1470	0.1347	0.2156	10,262.7687
Total	3.1034	14.4356	34.5125	0.1694	20.0048	0.1481	20.1529	5.3703	0.1402	5.5105	0.0000	15,817.3252	15,817.3252	0.2279	1.0325	16,130.7170

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2389	1.4481	2.9487	5.6500e-003		0.0270	0.0270		0.0270	0.0270	0.0000	479.7208	479.7208	0.0193	0.0000	480.2019
Total	0.2389	1.4481	2.9487	5.6500e-003		0.0270	0.0270		0.0270	0.0270	0.0000	479.7208	479.7208	0.0193	0.0000	480.2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4047	12.8747	5.2365	0.0583	2.5373	0.1057	2.6430	0.7320	0.1011	0.8332	0.0000	5,622.1782	5,622.1782	0.0932	0.8169	5,867.9483
Worker	2.6986	1.5609	29.2760	0.1112	17.4675	0.0424	17.5099	4.6383	0.0390	4.6773	0.0000	10,195.1470	10,195.1470	0.1347	0.2156	10,262.7687
Total	3.1034	14.4356	34.5125	0.1694	20.0048	0.1481	20.1529	5.3703	0.1402	5.5105	0.0000	15,817.3252	15,817.3252	0.2279	1.0325	16,130.7170

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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 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	0.2221	1.3069	2.9415	5.6500e-003		0.0165	0.0165		0.0165	0.0165	0.0000	479.7214	479.7214	0.0179	0.0000	480.1681
Total	0.2221	1.3069	2.9415	5.6500e-003		0.0165	0.0165		0.0165	0.0165	0.0000	479.7214	479.7214	0.0179	0.0000	480.1681

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4055	12.8131	5.2487	0.0576	2.5373	0.1052	2.6425	0.7320	0.1007	0.8327	0.0000	5,560.9918	5,560.9918	0.0946	0.8073	5,803.9315
Worker	2.5740	1.5001	28.5298	0.1098	17.4675	0.0400	17.5075	4.6383	0.0368	4.6751	0.0000	10,069.9703	10,069.9703	0.1271	0.2120	10,136.3327
Total	2.9795	14.3132	33.7785	0.1674	20.0047	0.1452	20.1500	5.3703	0.1375	5.5078	0.0000	15,630.9621	15,630.9621	0.2217	1.0193	15,940.2643

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2221	1.3069	2.9415	5.6500e-003		0.0165	0.0165		0.0165	0.0165	0.0000	479.7208	479.7208	0.0179	0.0000	480.1675
Total	0.2221	1.3069	2.9415	5.6500e-003		0.0165	0.0165		0.0165	0.0165	0.0000	479.7208	479.7208	0.0179	0.0000	480.1675

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4055	12.8131	5.2487	0.0576	2.5373	0.1052	2.6425	0.7320	0.1007	0.8327	0.0000	5,560.9918	5,560.9918	0.0946	0.8073	5,803.9315
Worker	2.5740	1.5001	28.5298	0.1098	17.4675	0.0400	17.5075	4.6383	0.0368	4.6751	0.0000	10,069.9703	10,069.9703	0.1271	0.2120	10,136.3327
Total	2.9795	14.3132	33.7785	0.1674	20.0047	0.1452	20.1500	5.3703	0.1375	5.5078	0.0000	15,630.9621	15,630.9621	0.2217	1.0193	15,940.2643

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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 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	0.2227	1.3105	2.9496	5.6700e-003		0.0166	0.0166		0.0166	0.0166	0.0000	481.0357	481.0357	0.0179	0.0000	481.4836
Total	0.2227	1.3105	2.9496	5.6700e-003		0.0166	0.0166		0.0166	0.0166	0.0000	481.0357	481.0357	0.0179	0.0000	481.4836

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4066	12.8482	5.2631	0.0578	2.5442	0.1055	2.6498	0.7340	0.1009	0.8350	0.0000	5,576.2274	5,576.2274	0.0949	0.8095	5,819.8327
Worker	2.5810	1.5042	28.6079	0.1101	17.5153	0.0401	17.5554	4.6510	0.0369	4.6879	0.0000	10,097.5593	10,097.5593	0.1274	0.2126	10,164.1035
Total	2.9876	14.3524	33.8710	0.1679	20.0596	0.1456	20.2052	5.3850	0.1379	5.5229	0.0000	15,673.7866	15,673.7866	0.2223	1.0221	15,983.9362

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2227	1.3105	2.9496	5.6700e-003		0.0166	0.0166		0.0166	0.0166	0.0000	481.0351	481.0351	0.0179	0.0000	481.4830
Total	0.2227	1.3105	2.9496	5.6700e-003		0.0166	0.0166		0.0166	0.0166	0.0000	481.0351	481.0351	0.0179	0.0000	481.4830

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4066	12.8482	5.2631	0.0578	2.5442	0.1055	2.6498	0.7340	0.1009	0.8350	0.0000	5,576.2274	5,576.2274	0.0949	0.8095	5,819.8327
Worker	2.5810	1.5042	28.6079	0.1101	17.5153	0.0401	17.5554	4.6510	0.0369	4.6879	0.0000	10,097.5593	10,097.5593	0.1274	0.2126	10,164.1035
Total	2.9876	14.3524	33.8710	0.1679	20.0596	0.1456	20.2052	5.3850	0.1379	5.5229	0.0000	15,673.7866	15,673.7866	0.2223	1.0221	15,983.9362

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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 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	0.2221	1.3069	2.9415	5.6500e-003		0.0165	0.0165		0.0165	0.0165	0.0000	479.7214	479.7214	0.0179	0.0000	480.1681
Total	0.2221	1.3069	2.9415	5.6500e-003		0.0165	0.0165		0.0165	0.0165	0.0000	479.7214	479.7214	0.0179	0.0000	480.1681

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4055	12.8131	5.2487	0.0576	2.5373	0.1052	2.6425	0.7320	0.1007	0.8327	0.0000	5,560.9918	5,560.9918	0.0946	0.8073	5,803.9315
Worker	2.5740	1.5001	28.5298	0.1098	17.4675	0.0400	17.5075	4.6383	0.0368	4.6751	0.0000	10,069.9703	10,069.9703	0.1271	0.2120	10,136.3327
Total	2.9795	14.3132	33.7785	0.1674	20.0047	0.1452	20.1500	5.3703	0.1375	5.5078	0.0000	15,630.9621	15,630.9621	0.2217	1.0193	15,940.2643

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2221	1.3069	2.9415	5.6500e-003		0.0165	0.0165		0.0165	0.0165	0.0000	479.7208	479.7208	0.0179	0.0000	480.1675
Total	0.2221	1.3069	2.9415	5.6500e-003		0.0165	0.0165		0.0165	0.0165	0.0000	479.7208	479.7208	0.0179	0.0000	480.1675

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4055	12.8131	5.2487	0.0576	2.5373	0.1052	2.6425	0.7320	0.1007	0.8327	0.0000	5,560.9918	5,560.9918	0.0946	0.8073	5,803.9315
Worker	2.5740	1.5001	28.5298	0.1098	17.4675	0.0400	17.5075	4.6383	0.0368	4.6751	0.0000	10,069.9703	10,069.9703	0.1271	0.2120	10,136.3327
Total	2.9795	14.3132	33.7785	0.1674	20.0047	0.1452	20.1500	5.3703	0.1375	5.5078	0.0000	15,630.9621	15,630.9621	0.2217	1.0193	15,940.2643

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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 Building Construction - 2038****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2221	1.3069	2.9415	5.6500e-003		0.0165	0.0165		0.0165	0.0165	0.0000	479.7214	479.7214	0.0179	0.0000	480.1681
Total	0.2221	1.3069	2.9415	5.6500e-003		0.0165	0.0165		0.0165	0.0165	0.0000	479.7214	479.7214	0.0179	0.0000	480.1681

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4055	12.8131	5.2487	0.0576	2.5373	0.1052	2.6425	0.7320	0.1007	0.8327	0.0000	5,560.9918	5,560.9918	0.0946	0.8073	5,803.9315
Worker	2.5740	1.5001	28.5298	0.1098	17.4675	0.0400	17.5075	4.6383	0.0368	4.6751	0.0000	10,069.9703	10,069.9703	0.1271	0.2120	10,136.3327
Total	2.9795	14.3132	33.7785	0.1674	20.0047	0.1452	20.1500	5.3703	0.1375	5.5078	0.0000	15,630.9621	15,630.9621	0.2217	1.0193	15,940.2643

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2221	1.3069	2.9415	5.6500e-003		0.0165	0.0165		0.0165	0.0165	0.0000	479.7208	479.7208	0.0179	0.0000	480.1675
Total	0.2221	1.3069	2.9415	5.6500e-003		0.0165	0.0165		0.0165	0.0165	0.0000	479.7208	479.7208	0.0179	0.0000	480.1675

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4055	12.8131	5.2487	0.0576	2.5373	0.1052	2.6425	0.7320	0.1007	0.8327	0.0000	5,560.9918	5,560.9918	0.0946	0.8073	5,803.9315
Worker	2.5740	1.5001	28.5298	0.1098	17.4675	0.0400	17.5075	4.6383	0.0368	4.6751	0.0000	10,069.9703	10,069.9703	0.1271	0.2120	10,136.3327
Total	2.9795	14.3132	33.7785	0.1674	20.0047	0.1452	20.1500	5.3703	0.1375	5.5078	0.0000	15,630.9621	15,630.9621	0.2217	1.0193	15,940.2643

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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 Building Construction - 2039****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2166	1.2747	2.8690	5.5100e-003		0.0161	0.0161		0.0161	0.0161	0.0000	467.8926	467.8926	0.0174	0.0000	468.3283
Total	0.2166	1.2747	2.8690	5.5100e-003		0.0161	0.0161		0.0161	0.0161	0.0000	467.8926	467.8926	0.0174	0.0000	468.3283

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3955	12.4971	5.1193	0.0562	2.4747	0.1026	2.5774	0.7140	0.0982	0.8122	0.0000	5,423.8714	5,423.8714	0.0923	0.7874	5,660.8209
Worker	2.5105	1.4631	27.8263	0.1071	17.0368	0.0390	17.0758	4.5239	0.0359	4.5598	0.0000	9,821.6697	9,821.6697	0.1239	0.2068	9,886.3958
Total	2.9060	13.9603	32.9456	0.1633	19.5115	0.1417	19.6531	5.2379	0.1341	5.3720	0.0000	15,245.5411	15,245.5411	0.2162	0.9942	15,547.2167

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2166	1.2747	2.8690	5.5100e-003		0.0161	0.0161		0.0161	0.0161	0.0000	467.8921	467.8921	0.0174	0.0000	468.3277
Total	0.2166	1.2747	2.8690	5.5100e-003		0.0161	0.0161		0.0161	0.0161	0.0000	467.8921	467.8921	0.0174	0.0000	468.3277

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3955	12.4971	5.1193	0.0562	2.4747	0.1026	2.5774	0.7140	0.0982	0.8122	0.0000	5,423.8714	5,423.8714	0.0923	0.7874	5,660.8209
Worker	2.5105	1.4631	27.8263	0.1071	17.0368	0.0390	17.0758	4.5239	0.0359	4.5598	0.0000	9,821.6697	9,821.6697	0.1239	0.2068	9,886.3958
Total	2.9060	13.9603	32.9456	0.1633	19.5115	0.1417	19.6531	5.2379	0.1341	5.3720	0.0000	15,245.5411	15,245.5411	0.2162	0.9942	15,547.2167

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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 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	0.1885	1.8600	2.6616	4.1600e-003		0.0931	0.0931		0.0857	0.0857	0.0000	365.4903	365.4903	0.1182	0.0000	368.4455
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1885	1.8600	2.6616	4.1600e-003		0.0931	0.0931		0.0857	0.0857	0.0000	365.4903	365.4903	0.1182	0.0000	368.4455

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8800e-003	6.5800e-003	0.0857	2.5000e-004	0.0301	1.4000e-004	0.0302	7.9900e-003	1.3000e-004	8.1200e-003	0.0000	22.8815	22.8815	5.7000e-004	6.1000e-004	23.0768
Total	8.8800e-003	6.5800e-003	0.0857	2.5000e-004	0.0301	1.4000e-004	0.0302	7.9900e-003	1.3000e-004	8.1200e-003	0.0000	22.8815	22.8815	5.7000e-004	6.1000e-004	23.0768

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1885	1.8600	2.6616	4.1600e-003		0.0931	0.0931		0.0857	0.0857	0.0000	365.4899	365.4899	0.1182	0.0000	368.4451
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1885	1.8600	2.6616	4.1600e-003		0.0931	0.0931		0.0857	0.0857	0.0000	365.4899	365.4899	0.1182	0.0000	368.4451

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8800e-003	6.5800e-003	0.0857	2.5000e-004	0.0301	1.4000e-004	0.0302	7.9900e-003	1.3000e-004	8.1200e-003	0.0000	22.8815	22.8815	5.7000e-004	6.1000e-004	23.0768
Total	8.8800e-003	6.5800e-003	0.0857	2.5000e-004	0.0301	1.4000e-004	0.0302	7.9900e-003	1.3000e-004	8.1200e-003	0.0000	22.8815	22.8815	5.7000e-004	6.1000e-004	23.0768

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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 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	0.0371	0.3572	0.5485	8.6000e-004		0.0176	0.0176		0.0162	0.0162	0.0000	75.0995	75.0995	0.0243	0.0000	75.7067
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0371	0.3572	0.5485	8.6000e-004		0.0176	0.0176		0.0162	0.0162	0.0000	75.0995	75.0995	0.0243	0.0000	75.7067

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7000e-003	1.2000e-003	0.0165	5.0000e-005	6.1800e-003	3.0000e-005	6.2100e-003	1.6400e-003	3.0000e-005	1.6700e-003	0.0000	4.5528	4.5528	1.1000e-004	1.2000e-004	4.5900
Total	1.7000e-003	1.2000e-003	0.0165	5.0000e-005	6.1800e-003	3.0000e-005	6.2100e-003	1.6400e-003	3.0000e-005	1.6700e-003	0.0000	4.5528	4.5528	1.1000e-004	1.2000e-004	4.5900

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0371	0.3572	0.5485	8.6000e-004		0.0176	0.0176		0.0162	0.0162	0.0000	75.0994	75.0994	0.0243	0.0000	75.7066
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0371	0.3572	0.5485	8.6000e-004		0.0176	0.0176		0.0162	0.0162	0.0000	75.0994	75.0994	0.0243	0.0000	75.7066

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7000e-003	1.2000e-003	0.0165	5.0000e-005	6.1800e-003	3.0000e-005	6.2100e-003	1.6400e-003	3.0000e-005	1.6700e-003	0.0000	4.5528	4.5528	1.1000e-004	1.2000e-004	4.5900
Total	1.7000e-003	1.2000e-003	0.0165	5.0000e-005	6.1800e-003	3.0000e-005	6.2100e-003	1.6400e-003	3.0000e-005	1.6700e-003	0.0000	4.5528	4.5528	1.1000e-004	1.2000e-004	4.5900

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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 Architectural Coating - 2023****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	39.3864					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0350	0.2378	0.3305	5.4000e-004		0.0129	0.0129		0.0129	0.0129	0.0000	46.5969	46.5969	2.7900e-003	0.0000	46.6666
Total	39.4214	0.2378	0.3305	5.4000e-004		0.0129	0.0129		0.0129	0.0129	0.0000	46.5969	46.5969	2.7900e-003	0.0000	46.6666

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0313	0.7640	9.9536	0.0290	3.4943	0.0166	3.5109	0.9279	0.0153	0.9432	0.0000	2,657.3018	2,657.3018	0.0663	0.0706	2,679.9865
Total	1.0313	0.7640	9.9536	0.0290	3.4943	0.0166	3.5109	0.9279	0.0153	0.9432	0.0000	2,657.3018	2,657.3018	0.0663	0.0706	2,679.9865

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	39.3864					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0350	0.2378	0.3305	5.4000e-004		0.0129	0.0129		0.0129	0.0129	0.0000	46.5968	46.5968	2.7900e-003	0.0000	46.6665
Total	39.4214	0.2378	0.3305	5.4000e-004		0.0129	0.0129		0.0129	0.0129	0.0000	46.5968	46.5968	2.7900e-003	0.0000	46.6665

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0313	0.7640	9.9536	0.0290	3.4943	0.0166	3.5109	0.9279	0.0153	0.9432	0.0000	2,657.3018	2,657.3018	0.0663	0.0706	2,679.9865
Total	1.0313	0.7640	9.9536	0.0290	3.4943	0.0166	3.5109	0.9279	0.0153	0.9432	0.0000	2,657.3018	2,657.3018	0.0663	0.0706	2,679.9865

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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 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	8.0931					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.7800e-003	0.0457	0.0679	1.1000e-004		2.2800e-003	2.2800e-003		2.2800e-003	2.2800e-003	0.0000	9.5747	9.5747	5.4000e-004	0.0000	9.5882
Total	8.0999	0.0457	0.0679	1.1000e-004		2.2800e-003	2.2800e-003		2.2800e-003	2.2800e-003	0.0000	9.5747	9.5747	5.4000e-004	0.0000	9.5882

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1978	0.1397	1.9128	5.7700e-003	0.7180	3.2600e-003	0.7213	0.1907	3.0000e-003	0.1937	0.0000	528.7323	528.7323	0.0124	0.0135	533.0537
Total	0.1978	0.1397	1.9128	5.7700e-003	0.7180	3.2600e-003	0.7213	0.1907	3.0000e-003	0.1937	0.0000	528.7323	528.7323	0.0124	0.0135	533.0537

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.0931					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.7800e-003	0.0457	0.0679	1.1000e-004		2.2800e-003	2.2800e-003		2.2800e-003	2.2800e-003	0.0000	9.5747	9.5747	5.4000e-004	0.0000	9.5882
Total	8.0999	0.0457	0.0679	1.1000e-004		2.2800e-003	2.2800e-003		2.2800e-003	2.2800e-003	0.0000	9.5747	9.5747	5.4000e-004	0.0000	9.5882

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1978	0.1397	1.9128	5.7700e-003	0.7180	3.2600e-003	0.7213	0.1907	3.0000e-003	0.1937	0.0000	528.7323	528.7323	0.0124	0.0135	533.0537
Total	0.1978	0.1397	1.9128	5.7700e-003	0.7180	3.2600e-003	0.7213	0.1907	3.0000e-003	0.1937	0.0000	528.7323	528.7323	0.0124	0.0135	533.0537

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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	59.1101	77.1034	621.3130	1.5055	215.8527	0.8474	216.7001	57.6005	0.7960	58.3965	0.0000	139,226.7666	139,226.7666	6.9748	6.7807	141,421.7925
Unmitigated	59.1101	77.1034	621.3130	1.5055	215.8527	0.8474	216.7001	57.6005	0.7960	58.3965	0.0000	139,226.7666	139,226.7666	6.9748	6.7807	141,421.7925

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	57,549.84	63,996.68	49,373.36	195,812,197	195,812,197
City Park	3.34	8.39	9.37	14,163	14,163
Government (Civic Center)	19,183.07	0.00	0.00	42,314,158	42,314,158
Industrial Park	7,494.98	5,649.04	2,757.80	26,066,639	26,066,639
Office Park	20,334.48	3,012.52	1,396.04	51,201,509	51,201,509
Regional Shopping Center	107,396.49	131,208.63	60,028.23	225,003,528	225,003,528
Single Family Housing	9,336.16	9,435.06	8,455.95	31,521,669	31,521,669
Total	221,298.36	213,310.31	122,020.76	571,933,863	571,933,863

4.3 Trip Type Information

Appendix C	Miles	Trip %	Trip Purpose %
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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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 Low 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
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
Industrial Park	16.60	8.40	6.90	59.00	28.00	13.00	79	19	2
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Single Family Housing	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 Low Rise	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
City Park	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Government (Civic Center)	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Industrial Park	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Office Park	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Regional Shopping Center	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Single Family Housing	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938

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
Appendix C															

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	21,001.8351	21,001.8351	1.7726	0.2149	21,110.1800
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	21,001.8351	21,001.8351	1.7726	0.2149	21,110.1800
NaturalGas Mitigated	0.9060	7.8046	3.7505	0.0494		0.6260	0.6260		0.6260	0.6260	0.0000	8,966.6139	8,966.6139	0.1719	0.1644	9,019.8980
NaturalGas Unmitigated	0.9060	7.8046	3.7505	0.0494		0.6260	0.6260		0.6260	0.6260	0.0000	8,966.6139	8,966.6139	0.1719	0.1644	9,019.8980

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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 Low Rise	1.1892e+008	0.6412	5.4796	2.3318	0.0350		0.4430	0.4430		0.4430	0.4430	0.0000	6,346.0190	6,346.0190	0.1216	0.1163	6,383.7302
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
Government (Civic Center)	1.93637e+006	0.0104	0.0949	0.0797	5.7000e-004		7.2100e-003	7.2100e-003		7.2100e-003	7.2100e-003	0.0000	103.3318	103.3318	1.9800e-003	1.8900e-003	103.9459
Industrial Park	7.62844e+006	0.0411	0.3739	0.3141	2.2400e-003		0.0284	0.0284		0.0284	0.0284	0.0000	407.0824	407.0824	7.8000e-003	7.4600e-003	409.5015
Office Park	5.30864e+006	0.0286	0.2602	0.2186	1.5600e-003		0.0198	0.0198		0.0198	0.0198	0.0000	283.2893	283.2893	5.4300e-003	5.1900e-003	284.9728
Regional Shopping Center	6.25887e+006	0.0338	0.3068	0.2577	1.8400e-003		0.0233	0.0233		0.0233	0.0233	0.0000	333.9970	333.9970	6.4000e-003	6.1200e-003	335.9818
Single Family Housing	2.79758e+007	0.1509	1.2891	0.5485	8.2300e-003		0.1042	0.1042		0.1042	0.1042	0.0000	1,492.8944	1,492.8944	0.0286	0.0274	1,501.7659
Total		0.9060	7.8046	3.7505	0.0494		0.6260	0.6260		0.6260	0.6260	0.0000	8,966.6139	8,966.6139	0.1719	0.1644	9,019.8980

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated**

	Natural Gas 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 Low Rise	1.1892e+008	0.6412	5.4796	2.3318	0.0350		0.4430	0.4430		0.4430	0.4430	0.0000	6,346.0190	6,346.0190	0.1216	0.1163	6,383.7302
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
Government (Civic Center)	1.93637e+006	0.0104	0.0949	0.0797	5.7000e-004		7.2100e-003	7.2100e-003		7.2100e-003	7.2100e-003	0.0000	103.3318	103.3318	1.9800e-003	1.8900e-003	103.9459
Industrial Park	7.62844e+006	0.0411	0.3739	0.3141	2.2400e-003		0.0284	0.0284		0.0284	0.0284	0.0000	407.0824	407.0824	7.8000e-003	7.4600e-003	409.5015
Office Park	5.30864e+006	0.0286	0.2602	0.2186	1.5600e-003		0.0198	0.0198		0.0198	0.0198	0.0000	283.2893	283.2893	5.4300e-003	5.1900e-003	284.9728
Regional Shopping Center	6.25887e+006	0.0338	0.3068	0.2577	1.8400e-003		0.0233	0.0233		0.0233	0.0233	0.0000	333.9970	333.9970	6.4000e-003	6.1200e-003	335.9818
Single Family Housing	2.79758e+007	0.1509	1.2891	0.5485	8.2300e-003		0.1042	0.1042		0.1042	0.1042	0.0000	1,492.8944	1,492.8944	0.0286	0.0274	1,501.7659
Total		0.9060	7.8046	3.7505	0.0494		0.6260	0.6260		0.6260	0.6260	0.0000	8,966.6139	8,966.6139	0.1719	0.1644	9,019.8980

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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	tons/yr	MT/yr			
Apartments Low Rise	3.27841e+007		5,814.1224	0.4907	0.0595	5,844.1165
City Park	0		0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	5.1881e+006		920.0872	0.0777	9.4100e- 003	924.8337
Industrial Park	2.04389e+007		3,624.7430	0.3059	0.0371	3,643.4424
Office Park	1.75975e+007		3,120.8386	0.2634	0.0319	3,136.9385
Regional Shopping Center	3.45376e+007		6,125.0845	0.5170	0.0627	6,156.6827
Single Family Housing	7.87705e+006		1,396.9595	0.1179	0.0143	1,404.1662
Total			21,001.8351	1.7726	0.2149	21,110.1800

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated**

	Electricity Use		Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	tons/yr	MT/yr			
Apartments Low Rise	3.27841e+007		5,814.1224	0.4907	0.0595	5,844.1165
City Park	0		0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	5.1881e+006		920.0872	0.0777	9.4100e- 003	924.8337
Industrial Park	2.04389e+007		3,624.7430	0.3059	0.0371	3,643.4424
Office Park	1.75975e+007		3,120.8386	0.2634	0.0319	3,136.9385
Regional Shopping Center	3.45376e+007		6,125.0845	0.5170	0.0627	6,156.6827
Single Family Housing	7.87705e+006		1,396.9595	0.1179	0.0143	1,404.1662
Total			21,001.8351	1.7726	0.2149	21,110.1800

6.0 Area Detail**6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Appendix C
Use only Natural Gas Hearths

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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	69.5061	2.7016	91.6740	0.0154		0.6401	0.6401		0.6401	0.6401	0.0000	2,062.1939	2,062.1939	0.1791	0.0351	2,077.1212
Unmitigated	100.0351	3.3453	147.2361	0.1484		8.9579	8.9579		8.9579	8.9579	940.1450	1,955.9212	2,896.0661	2.9461	0.0638	2,988.7339

6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	6.4792					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	61.8382					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	28.9910	2.2955	56.2649	0.1435		8.4514	8.4514		8.4514	8.4514	940.1450	1,806.6357	2,746.7807	2.8037	0.0638	2,835.8885
Landscaping	2.7267	1.0498	90.9712	4.8300e-003		0.5065	0.5065		0.5065	0.5065	0.0000	149.2854	149.2854	0.1424	0.0000	152.8454
Total	100.0351	3.3453	147.2361	0.1484		8.9579	8.9579		8.9579	8.9579	940.1450	1,955.9212	2,896.0661	2.9461	0.0638	2,988.7339

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	4.7480					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	61.8382					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1933	1.6518	0.7029	0.0105		0.1336	0.1336		0.1336	0.1336	0.0000	1,912.9084	1,912.9084	0.0367	0.0351	1,924.2759
Landscaping	2.7267	1.0498	90.9712	4.8300e-003		0.5065	0.5065		0.5065	0.5065	0.0000	149.2854	149.2854	0.1424	0.0000	152.8454
Total	69.5061	2.7016	91.6740	0.0154		0.6401	0.6401		0.6401	0.6401	0.0000	2,062.1939	2,062.1939	0.1791	0.0351	2,077.1212

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e	
Category	tons/yr	MT/yr			
Mitigated	6,081.5160	57.1760	1.3956	7,926.8029	

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Unmitigated		6,081.5160	57.1760	1.3956	7,926.8029
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Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Annual

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	tons/yr	MT/yr			
Apartments Low Rise	512.241 / 322.935		1,981.6664	16.8449	0.4127	2,525.7832
City Park	0 / 5.09954		10.0477	8.5000e- 004	1.0000e- 004	10.0995
Government (Civic Center)	112.151 / 68.7379		429.9971	3.6877	0.0903	549.1074
Industrial Park	514.307 / 0		1,350.8119	16.8589	0.4079	1,893.8275
Office Park	326.479 / 200.1		1,251.7467	10.7352	0.2629	1,598.4839
Regional Shopping Center	210.732 / 129.158		807.9627	6.9293	0.1697	1,031.7705
Single Family Housing	64.4373 / 40.6235		249.2837	2.1190	0.0519	317.7308
Total			6,081.5160	57.1760	1.3956	7,926.8029

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Mitigated**

	Indoor/Outdoor Use		Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr	MT/yr			
Apartments Low Rise	512.241 / 322.935		1,981.6664	16.8449	0.4127	2,525.7832
City Park	0 / 5.09954		10.0477	8.5000e-004	1.0000e-004	10.0995
Government (Civic Center)	112.151 / 68.7379		429.9971	3.6877	0.0903	549.1074
Industrial Park	514.307 / 0		1,350.8119	16.8589	0.4079	1,893.8275
Office Park	326.479 / 200.1		1,251.7467	10.7352	0.2629	1,598.4839
Regional Shopping Center	210.732 / 129.158		807.9627	6.9293	0.1697	1,031.7705
Single Family Housing	64.4373 / 40.6235		249.2837	2.1190	0.0519	317.7308
Total			6,081.5160	57.1760	1.3956	7,926.8029

8.0 Waste Detail**8.1 Mitigation Measures Waste****Category/Year**

Highway 74 - Proposed Specific Plan - Riverside-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
	tons/yr	MT/yr			
Mitigated		3,163.7623	186.9730	0.0000	7,838.0873
Unmitigated		3,163.7623	186.9730	0.0000	7,838.0873

Highway 74 - Proposed Specific Plan - Riverside-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****Unmitigated**

	Waste Disposed		Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr	MT/yr			
Apartments Low Rise	3616.52		734.1209	43.3853	0.0000	1,818.7534
City Park	0.37		0.0751	4.4400e-003	0.0000	0.1861
Government (Civic Center)	3217.88		653.2006	38.6031	0.0000	1,618.2767
Industrial Park	2757.8		559.8085	33.0837	0.0000	1,386.9018
Office Park	1708.32		346.7735	20.4937	0.0000	859.1167
Regional Shopping Center	2987.19		606.3726	35.8356	0.0000	1,502.2624
Single Family Housing	1297.65		263.4112	15.5672	0.0000	652.5902
Total			3,163.7623	186.9730	0.0000	7,838.0873

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated

	Waste Disposed		Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr	MT/yr			
Apartments Low Rise	3616.52		734.1209	43.3853	0.0000	1,818.7534
City Park	0.37		0.0751	4.4400e-003	0.0000	0.1861
Government (Civic Center)	3217.88		653.2006	38.6031	0.0000	1,618.2767
Industrial Park	2757.8		559.8085	33.0837	0.0000	1,386.9018
Office Park	1708.32		346.7735	20.4937	0.0000	859.1167
Regional Shopping Center	2987.19		606.3726	35.8356	0.0000	1,502.2624
Single Family Housing	1297.65		263.4112	15.5672	0.0000	652.5902
Total			3,163.7623	186.9730	0.0000	7,838.0873

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
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Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Boilers

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

Equipment Type	Number
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11.0 Vegetation

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Highway 74 - Proposed Specific Plan (2023)

Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	564.54	1000sqft	21.60	564,538.00	0
Office Park	1,836.90	1000sqft	187.42	1,836,900.00	0
Industrial Park	2,224.03	1000sqft	167.95	2,224,034.00	0
City Park	4.28	Acre	4.28	186,436.80	0
Apartments Low Rise	7,862.00	Dwelling Unit	294.40	7,862,000.00	25158
Single Family Housing	989.00	Dwelling Unit	1,092.63	1,780,200.00	3165
Regional Shopping Center	2,844.94	1000sqft	408.79	2,844,940.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2023
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 - Note 1
- Construction Phase - Operation Only
- Off-road Equipment - Operation Only
- Trips and VMT - Operation only
- Demolition - Appendix C

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Grading -

Architectural Coating - Operation only

Vehicle Trips - Note 4

Woodstoves -

Area Coating -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation - Note 5

Area Mitigation - Note 5

Fleet Mix -

Vehicle Emission Factors -

Vehicle Emission Factors -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	3,735,207.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	11,205,620.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	6,508,485.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	19,525,455.00	0.00
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	11,000.00	0.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblLandUse	LandUseSquareFeet	564,540.00	564,538.00
tblLandUse	LandUseSquareFeet	2,224,030.00	2,224,034.00
tblLandUse	LotAcreage	12.96	21.60
tblLandUse	LotAcreage	42.17	187.42
tblLandUse	LotAcreage	51.06	167.95
tblLandUse	LotAcreage	491.38	294.40

Appendix C

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblLandUse	LotAcreage	321.10	1,092.63
tblLandUse	LotAcreage	65.31	408.79
tblLandUse	Population	22,485.00	25,158.00
tblLandUse	Population	2,829.00	3,165.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblTripsAndVMT	WorkerTripNumber	1,742.00	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2,715.6971	192.0696	5,232.3369	11.5216		680.1583	680.1583		680.1583	680.1583	82,906.5948	160,634.4722	243,541.0670	248.5121	5.6271	251,430.7499
Energy	4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431
Mobile	752.3303	921.1206	6,734.2958	14.9113	1,463.3150	11.5611	1,474.8761	390.4196	10.8331	401.2527		1,518,566.6811	1,518,566.6811	78.2374	72.7331	1,542,197.0926
Total	3,472.9919	1,155.9552	11,987.1831	26.7036	1,463.3150	695.1495	2,158.4645	390.4196	694.4215	1,084.8411	82,906.5948	1,733,360.0572	1,816,266.6519	327.7876	79.3532	1,848,108.5856

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	402.3932	140.5664	787.3744	0.8821		14.7290	14.7290		14.7290	14.7290	0.0000	170,006.1193	170,006.1193	4.5019	3.0926	171,040.2741
Energy	4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431
Mobile	752.3303	921.1206	6,734.2958	14.9113	1,463.3150	11.5611	1,474.8761	390.4196	10.8331	401.2527		1,518,566.6811	1,518,566.6811	78.2374	72.7331	1,542,197.0926
Total	1,159.6881	1,104.4520	7,542.2207	16.0641	1,463.3150	29.7202	1,493.0351	390.4196	28.9922	419.4117	0.0000	1,742,731.7042	1,742,731.7042	83.7774	76.8187	1,767,718.1098

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	66.61	4.46	37.08	39.84	0.00	95.72	30.83	0.00	95.82	61.34	100.00	-0.54	4.05	74.44	3.19	4.35

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating	Architectural Coating	1/1/2023	12/31/2022	7	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	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
Architectural Coating	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

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	752.3303	921.1206	6,734.2958	14.9113	1,463.3150	11.5611	1,474.8761	390.4196	10.8331	401.2527		1,518,566.6811	1,518,566.6811	78.2374	72.7331	1,542,197.0926

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Unmitigated	752.3303	921.1206	6,734.2958	14.9113	1,463.3150	11.5611	1,474.8761	390.4196	10.8331	401.2527		1,518,566.6811	1,518,566.6811	78.2374	72.7331	1,542,197.0926
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4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	57,549.84	63,996.68	49,373.36	195,812,197	195,812,197
City Park	3.34	8.39	9.37	14,163	14,163
Government (Civic Center)	19,183.07	0.00	0.00	42,314,158	42,314,158
Industrial Park	7,494.98	5,649.04	2,757.80	26,066,639	26,066,639
Office Park	20,334.48	3,012.52	1,396.04	51,201,509	51,201,509
Regional Shopping Center	107,396.49	131,208.63	60,028.23	225,003,528	225,003,528
Single Family Housing	9,336.16	9,435.06	8,455.95	31,521,669	31,521,669
Total	221,298.36	213,310.31	122,020.76	571,933,863	571,933,863

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	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 Low 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
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
Industrial Park	16.60	8.40	6.90	59.00	28.00	13.00	79	19	2

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Single Family Housing	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 Low Rise	0.534849	0.056022	0.172639	0.141007	0.026597	0.007310	0.011327	0.018693	0.000616	0.000315	0.024057	0.001100	0.005468
City Park	0.534849	0.056022	0.172639	0.141007	0.026597	0.007310	0.011327	0.018693	0.000616	0.000315	0.024057	0.001100	0.005468
Government (Civic Center)	0.534849	0.056022	0.172639	0.141007	0.026597	0.007310	0.011327	0.018693	0.000616	0.000315	0.024057	0.001100	0.005468
Industrial Park	0.534849	0.056022	0.172639	0.141007	0.026597	0.007310	0.011327	0.018693	0.000616	0.000315	0.024057	0.001100	0.005468
Office Park	0.534849	0.056022	0.172639	0.141007	0.026597	0.007310	0.011327	0.018693	0.000616	0.000315	0.024057	0.001100	0.005468
Regional Shopping Center	0.534849	0.056022	0.172639	0.141007	0.026597	0.007310	0.011327	0.018693	0.000616	0.000315	0.024057	0.001100	0.005468
Single Family Housing	0.534849	0.056022	0.172639	0.141007	0.026597	0.007310	0.011327	0.018693	0.000616	0.000315	0.024057	0.001100	0.005468

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	4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431
NaturalGas Unmitigated	4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Highway 74 - Proposed Specific Plan (2023) - Riverside-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 Low Rise	325808	3.5136	30.0254	12.7768	0.1917		2.4276	2.4276		2.4276	2.4276		38,330.3479	38,330.3479	0.7347	0.7027	38,558.1260
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
Government (Civic Center)	5305.11	0.0572	0.5201	0.4369	3.1200e-003		0.0395	0.0395		0.0395	0.0395		624.1307	624.1307	0.0120	0.0114	627.8396
Industrial Park	20899.8	0.2254	2.0490	1.7212	0.0123		0.1557	0.1557		0.1557	0.1557		2,458.8031	2,458.8031	0.0471	0.0451	2,473.4145
Office Park	14544.2	0.1569	1.4259	1.1978	8.5600e-003		0.1084	0.1084		0.1084	0.1084		1,711.0849	1,711.0849	0.0328	0.0314	1,721.2531
Regional Shopping Center	17147.6	0.1849	1.6811	1.4122	0.0101		0.1278	0.1278		0.1278	0.1278		2,017.3628	2,017.3628	0.0387	0.0370	2,029.3510
Single Family Housing	76646	0.8266	7.0635	3.0057	0.0451		0.5711	0.5711		0.5711	0.5711		9,017.1744	9,017.1744	0.1728	0.1653	9,070.7590
Total		4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated

	Natural Gas 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 Low Rise	325.808	3.5136	30.0254	12.7768	0.1917		2.4276	2.4276		2.4276	2.4276		38,330.3479	38,330.3479	0.7347	0.7027	38,558.1260
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
Government (Civic Center)	5.30511	0.0572	0.5201	0.4369	3.1200e-003		0.0395	0.0395		0.0395	0.0395		624.1307	624.1307	0.0120	0.0114	627.8396
Industrial Park	20.8998	0.2254	2.0490	1.7212	0.0123		0.1557	0.1557		0.1557	0.1557		2,458.8031	2,458.8031	0.0471	0.0451	2,473.4145
Office Park	14.5442	0.1569	1.4259	1.1978	8.5600e-003		0.1084	0.1084		0.1084	0.1084		1,711.0849	1,711.0849	0.0328	0.0314	1,721.2531
Regional Shopping Center	17.1476	0.1849	1.6811	1.4122	0.0101		0.1278	0.1278		0.1278	0.1278		2,017.3628	2,017.3628	0.0387	0.0370	2,029.3510
Single Family Housing	76.646	0.8266	7.0635	3.0057	0.0451		0.5711	0.5711		0.5711	0.5711		9,017.1744	9,017.1744	0.1728	0.1653	9,070.7590
Total		4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use only Natural Gas Hearths

Highway 74 - Proposed Specific Plan (2023) - Riverside-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	402.3932	140.5664	787.3744	0.8821		14.7290	14.7290		14.7290	14.7290	0.0000	170,006.1193	170,006.1193	4.5019	3.0926	171,040.2741
Unmitigated	2,715.6971	192.0696	5,232.3369	11.5216		680.1583	680.1583		680.1583	680.1583	82,906.5948	160,634.4722	243,541.0670	248.5121	5.6271	251,430.7499

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	35.5026					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	338.8393					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	2,319.2806	183.6434	4,501.1923	11.4829		676.1130	676.1130		676.1130	676.1130	82,906.5948	159,318.0000	242,224.5948	247.2435	5.6271	250,082.5611
Landscaping	22.0745	8.4262	731.1446	0.0386		4.0453	4.0453		4.0453	4.0453		1,316.4722	1,316.4722	1.2687		1,348.1888
Total	2,715.6971	192.0696	5,232.3369	11.5216		680.1583	680.1583		680.1583	680.1583	82,906.5948	160,634.4722	243,541.0670	248.5121	5.6271	251,430.7499

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	26.0162					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	338.8393					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	15.4632	132.1402	56.2299	0.8435		10.6837	10.6837		10.6837	10.6837	0.0000	168,689.6471	168,689.6471	3.2332	3.0926	169,692.0853
Landscaping	22.0745	8.4262	731.1446	0.0386		4.0453	4.0453		4.0453	4.0453		1,316.4722	1,316.4722	1.2687		1,348.1888
Total	402.3932	140.5664	787.3744	0.8821		14.7290	14.7290		14.7290	14.7290	0.0000	170,006.1193	170,006.1193	4.5019	3.0926	171,040.2741

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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11.0 Vegetation

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Highway 74 - Proposed Specific Plan (2023)

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	564.54	1000sqft	21.60	564,538.00	0
Office Park	1,836.90	1000sqft	187.42	1,836,900.00	0
Industrial Park	2,224.03	1000sqft	167.95	2,224,034.00	0
City Park	4.28	Acre	4.28	186,436.80	0
Apartments Low Rise	7,862.00	Dwelling Unit	294.40	7,862,000.00	25158
Single Family Housing	989.00	Dwelling Unit	1,092.63	1,780,200.00	3165
Regional Shopping Center	2,844.94	1000sqft	408.79	2,844,940.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2023
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 - Note 1
- Construction Phase - Operation Only
- Off-road Equipment - Operation Only
- Trips and VMT - Operation only
- Demolition - Appendix C

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Grading -

Architectural Coating - Operation only

Vehicle Trips - Note 4

Woodstoves -

Area Coating -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation - Note 5

Area Mitigation - Note 5

Fleet Mix -

Vehicle Emission Factors -

Vehicle Emission Factors -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	3,735,207.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	11,205,620.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	6,508,485.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	19,525,455.00	0.00
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	11,000.00	0.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblLandUse	LandUseSquareFeet	564,540.00	564,538.00
tblLandUse	LandUseSquareFeet	2,224,030.00	2,224,034.00
tblLandUse	LotAcreage	12.96	21.60
tblLandUse	LotAcreage	42.17	187.42
tblLandUse	LotAcreage	51.06	167.95
tblLandUse	LotAcreage	491.38	294.40

Appendix C

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblLandUse	LotAcreage	321.10	1,092.63
tblLandUse	LotAcreage	65.31	408.79
tblLandUse	Population	22,485.00	25,158.00
tblLandUse	Population	2,829.00	3,165.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblTripsAndVMT	WorkerTripNumber	1,742.00	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2,715.6971	192.0696	5,232.3369	11.5216		680.1583	680.1583		680.1583	680.1583	82,906.5948	160,634.4722	243,541.0670	248.5121	5.6271	251,430.7499
Energy	4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431
Mobile	633.3934	976.0592	6,001.2484	13.8445	1,463.3150	11.5707	1,474.8857	390.4196	10.8423	401.2619		1,410,876.4604	1,410,876.4604	80.6916	74.2928	1,435,033.0055
Total	3,354.0550	1,210.8938	11,254.1358	25.6368	1,463.3150	695.1591	2,158.4741	390.4196	694.4307	1,084.8503	82,906.5948	1,625,669.8365	1,708,576.4312	330.2418	80.9128	1,740,944.4985

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	402.3932	140.5664	787.3744	0.8821		14.7290	14.7290		14.7290	14.7290	0.0000	170,006.1193	170,006.1193	4.5019	3.0926	171,040.2741
Energy	4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431
Mobile	633.3934	976.0592	6,001.2484	13.8445	1,463.3150	11.5707	1,474.8857	390.4196	10.8423	401.2619		1,410,876.4604	1,410,876.4604	80.6916	74.2928	1,435,033.0055
Total	1,040.7512	1,159.3907	6,809.1733	14.9974	1,463.3150	29.7298	1,493.0448	390.4196	29.0014	419.4209	0.0000	1,635,041.4835	1,635,041.4835	86.2316	78.3784	1,660,554.0227

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	68.97	4.25	39.50	41.50	0.00	95.72	30.83	0.00	95.82	61.34	100.00	-0.58	4.30	73.89	3.13	4.62

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating	Architectural Coating	1/1/2023	12/31/2022	7	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	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
Architectural Coating	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

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	633.3934	976.0592	6,001.2484	13.8445	1,463.3150	11.5707	1,474.8857	390.4196	10.8423	401.2619		1,410,876.4604	1,410,876.4604	80.6916	74.2928	1,435,033.0055

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Unmitigated	633.3934	976.0592	6,001.2484	13.8445	1,463.3150	11.5707	1,474.8857	390.4196	10.8423	401.2619		1,410,876.4604	1,410,876.4604	80.6916	74.2928	1,435,033.0055
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4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	57,549.84	63,996.68	49,373.36	195,812,197	195,812,197
City Park	3.34	8.39	9.37	14,163	14,163
Government (Civic Center)	19,183.07	0.00	0.00	42,314,158	42,314,158
Industrial Park	7,494.98	5,649.04	2,757.80	26,066,639	26,066,639
Office Park	20,334.48	3,012.52	1,396.04	51,201,509	51,201,509
Regional Shopping Center	107,396.49	131,208.63	60,028.23	225,003,528	225,003,528
Single Family Housing	9,336.16	9,435.06	8,455.95	31,521,669	31,521,669
Total	221,298.36	213,310.31	122,020.76	571,933,863	571,933,863

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	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 Low 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
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
Industrial Park	16.60	8.40	6.90	59.00	28.00	13.00	79	19	2

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Single Family Housing	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 Low Rise	0.534849	0.056022	0.172639	0.141007	0.026597	0.007310	0.011327	0.018693	0.000616	0.000315	0.024057	0.001100	0.005468
City Park	0.534849	0.056022	0.172639	0.141007	0.026597	0.007310	0.011327	0.018693	0.000616	0.000315	0.024057	0.001100	0.005468
Government (Civic Center)	0.534849	0.056022	0.172639	0.141007	0.026597	0.007310	0.011327	0.018693	0.000616	0.000315	0.024057	0.001100	0.005468
Industrial Park	0.534849	0.056022	0.172639	0.141007	0.026597	0.007310	0.011327	0.018693	0.000616	0.000315	0.024057	0.001100	0.005468
Office Park	0.534849	0.056022	0.172639	0.141007	0.026597	0.007310	0.011327	0.018693	0.000616	0.000315	0.024057	0.001100	0.005468
Regional Shopping Center	0.534849	0.056022	0.172639	0.141007	0.026597	0.007310	0.011327	0.018693	0.000616	0.000315	0.024057	0.001100	0.005468
Single Family Housing	0.534849	0.056022	0.172639	0.141007	0.026597	0.007310	0.011327	0.018693	0.000616	0.000315	0.024057	0.001100	0.005468

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	4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431
NaturalGas Unmitigated	4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Highway 74 - Proposed Specific Plan (2023) - Riverside-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 Low Rise	325808	3.5136	30.0254	12.7768	0.1917		2.4276	2.4276		2.4276	2.4276		38,330.3479	38,330.3479	0.7347	0.7027	38,558.1260
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
Government (Civic Center)	5305.11	0.0572	0.5201	0.4369	3.1200e-003		0.0395	0.0395		0.0395	0.0395		624.1307	624.1307	0.0120	0.0114	627.8396
Industrial Park	20899.8	0.2254	2.0490	1.7212	0.0123		0.1557	0.1557		0.1557	0.1557		2,458.8031	2,458.8031	0.0471	0.0451	2,473.4145
Office Park	14544.2	0.1569	1.4259	1.1978	8.5600e-003		0.1084	0.1084		0.1084	0.1084		1,711.0849	1,711.0849	0.0328	0.0314	1,721.2531
Regional Shopping Center	17147.6	0.1849	1.6811	1.4122	0.0101		0.1278	0.1278		0.1278	0.1278		2,017.3628	2,017.3628	0.0387	0.0370	2,029.3510
Single Family Housing	76646	0.8266	7.0635	3.0057	0.0451		0.5711	0.5711		0.5711	0.5711		9,017.1744	9,017.1744	0.1728	0.1653	9,070.7590
Total		4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated

	Natural Gas 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 Low Rise	325.808	3.5136	30.0254	12.7768	0.1917		2.4276	2.4276		2.4276	2.4276		38,330.3479	38,330.3479	0.7347	0.7027	38,558.1260
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
Government (Civic Center)	5.30511	0.0572	0.5201	0.4369	3.1200e-003		0.0395	0.0395		0.0395	0.0395		624.1307	624.1307	0.0120	0.0114	627.8396
Industrial Park	20.8998	0.2254	2.0490	1.7212	0.0123		0.1557	0.1557		0.1557	0.1557		2,458.8031	2,458.8031	0.0471	0.0451	2,473.4145
Office Park	14.5442	0.1569	1.4259	1.1978	8.5600e-003		0.1084	0.1084		0.1084	0.1084		1,711.0849	1,711.0849	0.0328	0.0314	1,721.2531
Regional Shopping Center	17.1476	0.1849	1.6811	1.4122	0.0101		0.1278	0.1278		0.1278	0.1278		2,017.3628	2,017.3628	0.0387	0.0370	2,029.3510
Single Family Housing	76.646	0.8266	7.0635	3.0057	0.0451		0.5711	0.5711		0.5711	0.5711		9,017.1744	9,017.1744	0.1728	0.1653	9,070.7590
Total		4.9646	42.7650	20.5505	0.2708		3.4301	3.4301		3.4301	3.4301		54,158.9038	54,158.9038	1.0381	0.9929	54,480.7431

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use only Natural Gas Hearths

Highway 74 - Proposed Specific Plan (2023) - Riverside-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	402.3932	140.5664	787.3744	0.8821		14.7290	14.7290		14.7290	14.7290	0.0000	170,006.1193	170,006.1193	4.5019	3.0926	171,040.2741
Unmitigated	2,715.6971	192.0696	5,232.3369	11.5216		680.1583	680.1583		680.1583	680.1583	82,906.5948	160,634.4722	243,541.0670	248.5121	5.6271	251,430.7499

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	35.5026					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	338.8393					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	2,319.2806	183.6434	4,501.1923	11.4829		676.1130	676.1130		676.1130	676.1130	82,906.5948	159,318.0000	242,224.5948	247.2435	5.6271	250,082.5611
Landscaping	22.0745	8.4262	731.1446	0.0386		4.0453	4.0453		4.0453	4.0453		1,316.4722	1,316.4722	1.2687		1,348.1888
Total	2,715.6971	192.0696	5,232.3369	11.5216		680.1583	680.1583		680.1583	680.1583	82,906.5948	160,634.4722	243,541.0670	248.5121	5.6271	251,430.7499

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	26.0162					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	338.8393					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	15.4632	132.1402	56.2299	0.8435		10.6837	10.6837		10.6837	10.6837	0.0000	168,689.6471	168,689.6471	3.2332	3.0926	169,692.0853
Landscaping	22.0745	8.4262	731.1446	0.0386		4.0453	4.0453		4.0453	4.0453		1,316.4722	1,316.4722	1.2687		1,348.1888
Total	402.3932	140.5664	787.3744	0.8821		14.7290	14.7290		14.7290	14.7290	0.0000	170,006.1193	170,006.1193	4.5019	3.0926	171,040.2741

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Highway 74 - Proposed Specific Plan (2023) - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

**Highway 74 - Proposed Specific Plan
Riverside-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	0.72	1000sqft	0.02	720.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2023
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 - Note 1
- Construction Phase - Note 2
- Demolition - Note 3
- Grading -
- Architectural Coating - Note 5
- Vehicle Trips - Note 4
- Woodstoves -
- Area Coating -
- Water And Wastewater -
- Solid Waste -
- Construction Off-road Equipment Mitigation - Note 5

Highway 74 - Proposed Specific Plan - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Area Mitigation - Note 5

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	3.8200e-003	3.2600e-003	4.5300e-003	1.0000e-005	0.0000	1.8000e-004	1.8000e-004	0.0000	1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393
Maximum	3.8200e-003	3.2600e-003	4.5300e-003	1.0000e-005	0.0000	1.8000e-004	1.8000e-004	0.0000	1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	3.8200e-003	3.2600e-003	4.5300e-003	1.0000e-005	0.0000	1.8000e-004	1.8000e-004	0.0000	1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393
Maximum	3.8200e-003	3.2600e-003	4.5300e-003	1.0000e-005	0.0000	1.8000e-004	1.8000e-004	0.0000	1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
2	4-1-2023	6-30-2023	0.0071	0.0071
		Highest	0.0071	0.0071

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	2.9400e-003	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Energy	1.0000e-005	1.2000e-004	1.0000e-004	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	1.3053	1.3053	1.0000e-004	1.0000e-005	1.3121
Mobile	2.6300e-003	4.2600e-003	0.0269	6.0000e-005	6.4700e-003	5.0000e-005	6.5200e-003	1.7300e-003	5.0000e-005	1.7800e-003	0.0000	5.8155	5.8155	3.1000e-004	2.9000e-004	5.9110
Waste						0.0000	0.0000		0.0000	0.0000	0.1360	0.0000	0.1360	8.0400e-003	0.0000	0.3369
Water						0.0000	0.0000		0.0000	0.0000	0.0406	0.4500	0.4906	4.2100e-003	1.0000e-004	0.6266
Total	5.5800e-003	4.3800e-003	0.0270	6.0000e-005	6.4700e-003	6.0000e-005	6.5300e-003	1.7300e-003	6.0000e-005	1.7900e-003	0.1766	7.5708	7.7474	0.0127	4.0000e-004	8.1866

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	2.9400e-003	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Energy	1.0000e-005	1.2000e-004	1.0000e-004	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	1.3053	1.3053	1.0000e-004	1.0000e-005	1.3121
Mobile	2.6300e-003	4.2600e-003	0.0269	6.0000e-005	6.4700e-003	5.0000e-005	6.5200e-003	1.7300e-003	5.0000e-005	1.7800e-003	0.0000	5.8155	5.8155	3.1000e-004	2.9000e-004	5.9110
Waste						0.0000	0.0000		0.0000	0.0000	0.1360	0.0000	0.1360	8.0400e-003	0.0000	0.3369
Water						0.0000	0.0000		0.0000	0.0000	0.0406	0.4500	0.4906	4.2100e-003	1.0000e-004	0.6266
Total	5.5800e-003	4.3800e-003	0.0270	6.0000e-005	6.4700e-003	6.0000e-005	6.5300e-003	1.7300e-003	6.0000e-005	1.7900e-003	0.1766	7.5708	7.7474	0.0127	4.0000e-004	8.1866

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	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	Architectural Coating	Architectural Coating	6/15/2023	6/21/2023	5	5	

Acres of Grading (Site Preparation Phase): 0

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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 (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,080; Non-Residential Outdoor: 360; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48

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
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.3400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.8000e-004	3.2600e-003	4.5300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Total	3.8200e-003	3.2600e-003	4.5300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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 Not Applied**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.3400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.8000e-004	3.2600e-003	4.5300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393
Total	3.8200e-003	3.2600e-003	4.5300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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 Not Applied

General Office Building	0.534849	0.056022	0.172639	0.141007	0.026597	0.007310	0.011327	0.018693	0.000616	0.000315	0.024057	0.001100	0.005468
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5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1.1735	1.1735	1.0000e-004	1.0000e-005	1.1795
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1.1735	1.1735	1.0000e-004	1.0000e-005	1.1795
NaturalGas Mitigated	1.0000e-005	1.2000e-004	1.0000e-004	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.1318	0.1318	0.0000	0.0000	0.1326
NaturalGas Unmitigated	1.0000e-005	1.2000e-004	1.0000e-004	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.1318	0.1318	0.0000	0.0000	0.1326

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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					
General Office Building	2469.6	1.0000e-005	1.2000e-004	1.0000e-004	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.1318	0.1318	0.0000	0.0000	0.1326
Total		1.0000e-005	1.2000e-004	1.0000e-004	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.1318	0.1318	0.0000	0.0000	0.1326

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	2469.6	1.0000e-005	1.2000e-004	1.0000e-004	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.1318	0.1318	0.0000	0.0000	0.1326
Total		1.0000e-005	1.2000e-004	1.0000e-004	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.1318	0.1318	0.0000	0.0000	0.1326

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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	tons/yr	MT/yr			
General Office Building	6616.8		1.1735	1.0000e-004	1.0000e-005	1.1795
Total			1.1735	1.0000e-004	1.0000e-005	1.1795

Mitigated

	Electricity Use		Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	tons/yr	MT/yr			
General Office Building	6616.8		1.1735	1.0000e-004	1.0000e-005	1.1795
Total			1.1735	1.0000e-004	1.0000e-005	1.1795

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.9400e-003	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Unmitigated	2.9400e-003	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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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

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.3000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.6000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	2.9300e-003	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.3000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.6000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	2.9300e-003	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

7.0 Water Detail

7.1 Mitigation Measures Water

		Total CO2	CH4	N2O	CO2e
Category	tons/yr	MT/yr			
Mitigated		0.4906	4.2100e-003	1.0000e-004	0.6266
Unmitigated		0.4906	4.2100e-003	1.0000e-004	0.6266

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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	tons/yr	MT/yr			
General Office Building	0.127968 / 0.0784322		0.4906	4.2100e-003	1.0000e-004	0.6266
Total			0.4906	4.2100e-003	1.0000e-004	0.6266

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated

	Indoor/Outdoor Use		Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr	MT/yr			
General Office Building	0.127968 / 0.0784322		0.4906	4.2100e-003	1.0000e-004	0.6266
Total			0.4906	4.2100e-003	1.0000e-004	0.6266

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

		Total CO2	CH4	N2O	CO2e
	tons/yr	MT/yr			
Mitigated		0.1360	8.0400e-003	0.0000	0.3369
Unmitigated		0.1360	8.0400e-003	0.0000	0.3369

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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	tons/yr	MT/yr			
General Office Building	0.67		0.1360	8.0400e-003	0.0000	0.3369
Total			0.1360	8.0400e-003	0.0000	0.3369

Mitigated

	Waste Disposed		Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr	MT/yr			
General Office Building	0.67		0.1360	8.0400e-003	0.0000	0.3369
Total			0.1360	8.0400e-003	0.0000	0.3369

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
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Boilers

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

Equipment Type	Number
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11.0 Vegetation

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